

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032822\
 Data File : VN071624.D
 Acq On : 28 Mar 2022 23:57
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/29/2022
 Supervised By : Mahesh Dadoda 03/30/2022

Quant Time: Mar 29 09:52:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 29 09:32:37 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.081	168	632997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1013132	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	923679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	381072	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	373545	49.217	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.440%
35) Dibromofluoromethane	8.016	113	301978	48.533	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.060%
50) Toluene-d8	10.439	98	1256129	48.942	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.880%
62) 4-Bromofluorobenzene	12.727	95	410541	49.033	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.060%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.069	85	287417	46.350	ug/l	97
3) Chloromethane	2.299	50	331718	45.458	ug/l	99
4) Vinyl Chloride	2.446	62	383749	47.338	ug/l	100
5) Bromomethane	2.840	94	242933	51.002	ug/l	95
6) Chloroethane	3.010	64	254090	49.506	ug/l	99
7) Trichlorofluoromethane	3.375	101	461939	47.811	ug/l	99
8) Diethyl Ether	3.822	74	203175	50.539	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.210	101	279759	47.658	ug/l	99
10) Methyl Iodide	4.422	142	416385	48.090	ug/l	100
11) Tert butyl alcohol	5.357	59	320433	239.101	ug/l	100
12) 1,1-Dichloroethene	4.181	96	273541	48.143	ug/l	97
13) Acrolein	4.034	56	278259	248.840	ug/l	100
14) Allyl chloride	4.840	41	444781	49.044	ug/l	99
15) Acrylonitrile	5.545	53	939116	250.903	ug/l	99
16) Acetone	4.281	43	737768	235.800	ug/l	98
17) Carbon Disulfide	4.534	76	634033	44.805	ug/l	98
18) Methyl Acetate	4.851	43	406679	50.177	ug/l	99
19) Methyl tert-butyl Ether	5.610	73	1029704	49.627	ug/l	97
20) Methylene Chloride	5.098	84	330870	47.843	ug/l	98
21) trans-1,2-Dichloroethene	5.592	96	298938	49.194	ug/l	93
22) Diisopropyl ether	6.492	45	973660	50.224	ug/l	97
23) Vinyl Acetate	6.428	43	4229135	258.585	ug/l	100
24) 1,1-Dichloroethane	6.381	63	566463	49.066	ug/l	98
25) 2-Butanone	7.328	43	1223240	251.166	ug/l	97
26) 2,2-Dichloropropane	7.322	77	452110	45.564	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	367537	49.215	ug/l	98
28) Bromochloromethane	7.651	49	232219	49.796	ug/l	98
29) Tetrahydrofuran	7.681	42	815184	257.846	ug/l	100
30) Chloroform	7.816	83	588347	49.725	ug/l	100
31) Cyclohexane	8.092	56	489316	46.165	ug/l	99
32) 1,1,1-Trichloroethane	8.010	97	509575	49.652	ug/l	99
36) 1,1-Dichloropropene	8.216	75	424613	47.470	ug/l	100
37) Ethyl Acetate	7.404	43	486854	49.776	ug/l	99
38) Carbon Tetrachloride	8.204	117	428790	48.372	ug/l	99
39) Methylcyclohexane	9.457	83	524666	47.424	ug/l	98
40) Benzene	8.457	78	1331032	48.466	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	233776	49.143	ug/l	98
42) 1,2-Dichloroethane	8.528	62	459178	48.374	ug/l	100
43) Isopropyl Acetate	8.557	43	772156	48.306	ug/l	99
44) Trichloroethene	9.210	130	348638	48.299	ug/l	100
45) 1,2-Dichloropropane	9.486	63	332048	49.079	ug/l	99
46) Dibromomethane	9.575	93	224780	48.546	ug/l	98
47) Bromodichloromethane	9.757	83	466004	51.079	ug/l	98
48) Methyl methacrylate	9.557	41	362058	51.397	ug/l	99
49) 1,4-Dioxane	9.563	88	148642	958.386	ug/l	98
51) 4-Methyl-2-Pentanone	10.322	43	2460127	256.527	ug/l	100
52) Toluene	10.498	92	871242	49.331	ug/l	100
53) t-1,3-Dichloropropene	10.710	75	497131	50.125	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	547156	50.708	ug/l	98
55) 1,1,2-Trichloroethane	10.892	97	351664	49.446	ug/l	99
56) Ethyl methacrylate	10.757	69	554581	52.183	ug/l	99
57) 1,3-Dichloropropane	11.039	76	592370	49.892	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	661391	205.901	ug/l	100
59) 2-Hexanone	11.080	43	1775260	258.757	ug/l	100
60) Dibromochloromethane	11.233	129	363761	51.004	ug/l	100
61) 1,2-Dibromoethane	11.339	107	359927	49.989	ug/l	100
64) Tetrachloroethene	10.974	164	298809	46.742	ug/l	98
65) Chlorobenzene	11.763	112	936647	48.597	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	344572	49.815	ug/l	99
67) Ethyl Benzene	11.839	91	1656548	49.781	ug/l	99
68) m/p-Xylenes	11.951	106	1282541	101.455	ug/l	100
69) o-Xylene	12.274	106	643872	50.692	ug/l	99
70) Styrene	12.286	104	1026727	52.947	ug/l	99
71) Bromoform	12.451	173	281482	51.706	ug/l	100
73) Isopropylbenzene	12.574	105	1637669	49.132	ug/l	100
74) N-amyl acetate	12.380	43	514331	50.825	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	530547	47.552	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	452897m	49.497	ug/l	
77) Bromobenzene	12.857	156	391362	46.691	ug/l	99
78) n-propylbenzene	12.916	91	1769839	49.248	ug/l	99
79) 2-Chlorotoluene	13.004	91	1088233	48.355	ug/l	99
80) 1,3,5-Trimethylbenzene	13.051	105	1318383	50.102	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	152160	48.000	ug/l	98
82) 4-Chlorotoluene	13.098	91	1029106	49.026	ug/l	100
83) tert-Butylbenzene	13.316	119	1203973	49.854	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	1275866	49.507	ug/l	100
85) sec-Butylbenzene	13.498	105	1588525	49.788	ug/l	100
86) p-Isopropyltoluene	13.610	119	1287915	50.803	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	641553	47.407	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	621520	46.267	ug/l	98
89) n-Butylbenzene	13.939	91	950124	49.600	ug/l	100
90) Hexachloroethane	14.204	117	235534	49.478	ug/l	99
91) 1,2-Dichlorobenzene	13.986	146	620117	46.776	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	92579	47.999	ug/l	99
93) 1,2,4-Trichlorobenzene	15.257	180	290822	49.670	ug/l	100
94) Hexachlorobutadiene	15.362	225	170458	46.199	ug/l	99
95) Naphthalene	15.498	128	835322	44.798	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	288399	49.190	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Mar 29 09:32:37 2022
Response via : Initial Calibration

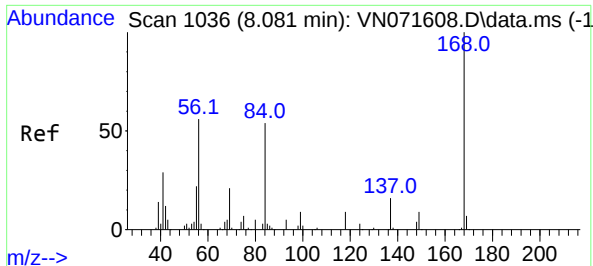
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

Instrument :

MSVOA_N

ClientSampleId :

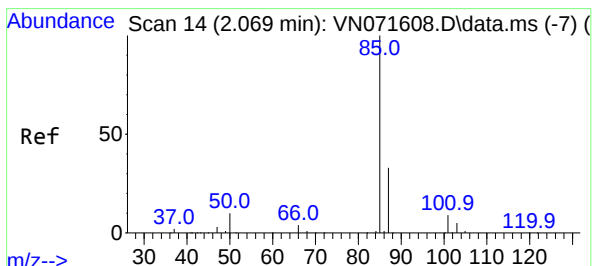
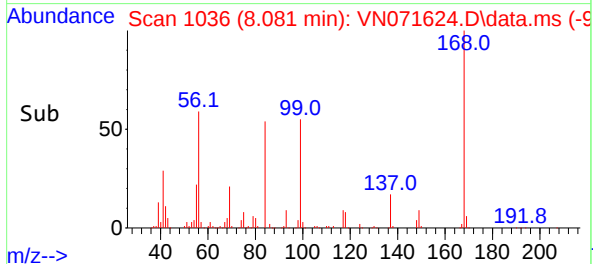
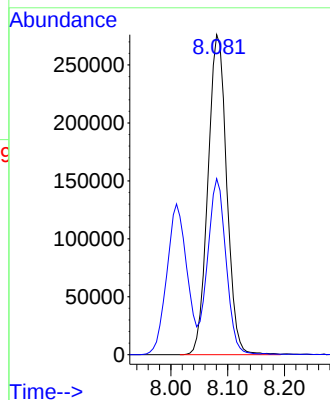
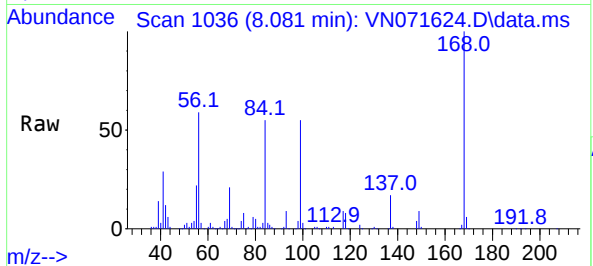
VSTDCCC050EC

Tgt Ion:168 Resp: 63299
Ion Ratio Lower Upper
168 100
99 54.8 42.3 63.5

Manual Integrations

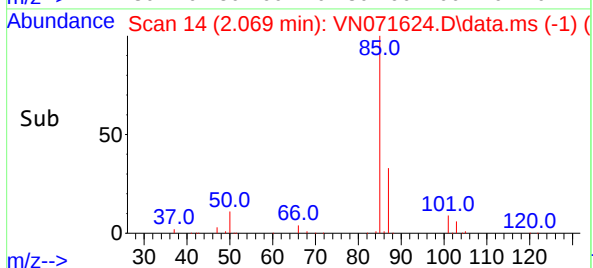
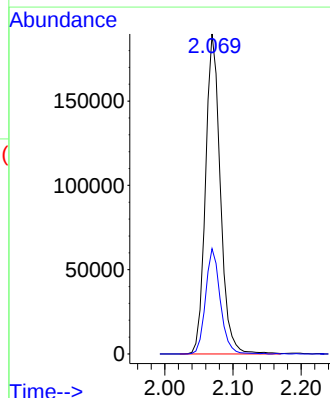
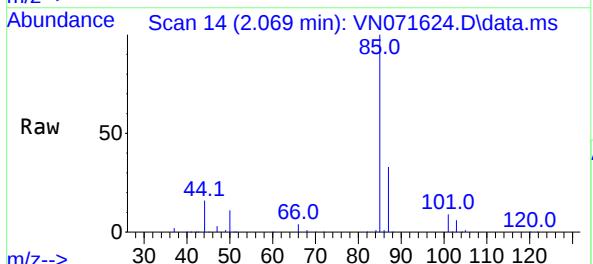
APPROVED

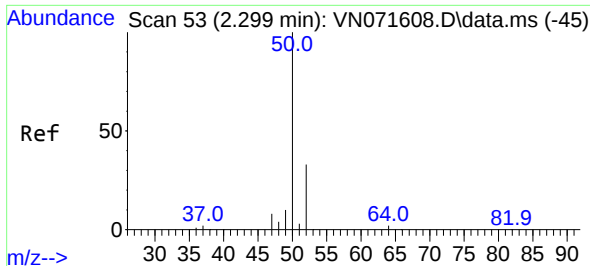
Reviewed By :John Carlone 03/29/2022
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#2
Dichlorodifluoromethane
Concen: 46.350 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

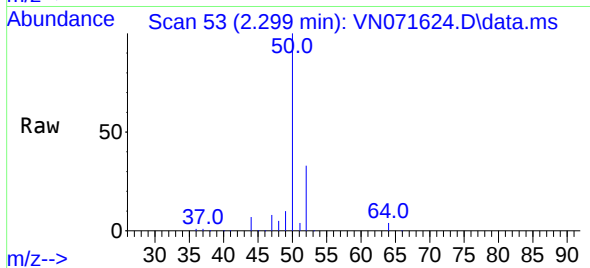
Tgt Ion: 85 Resp: 287417
Ion Ratio Lower Upper
85 100
87 32.9 15.7 47.1





#3
Chloromethane
Concen: 45.458 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

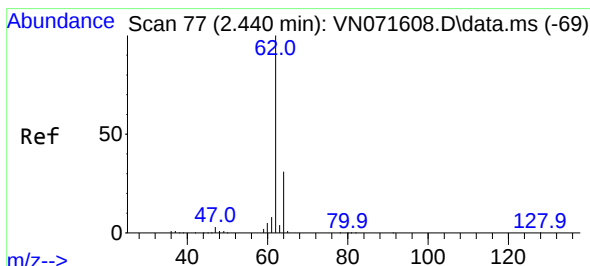
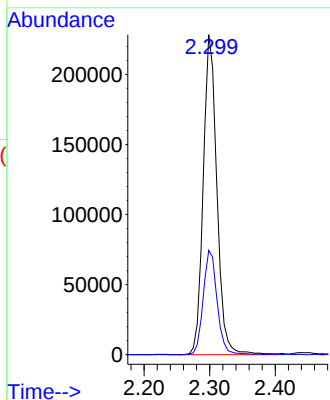
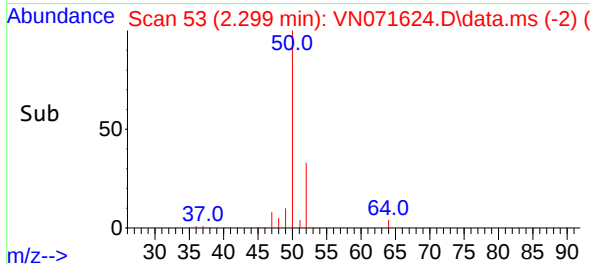
Instrument :
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VSTDCCC050EC



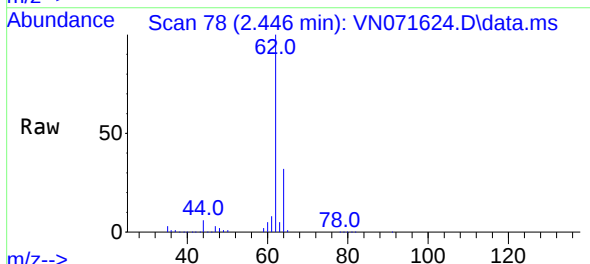
Tgt Ion: 50 Resp: 331718
Ion Ratio Lower Upper
50 100
52 32.6 25.7 38.5

Manual Integrations
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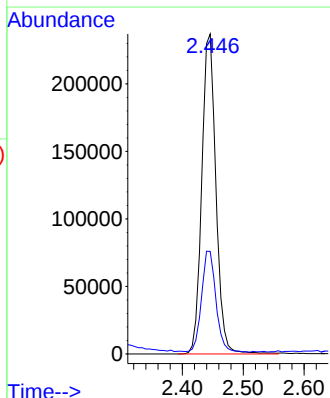
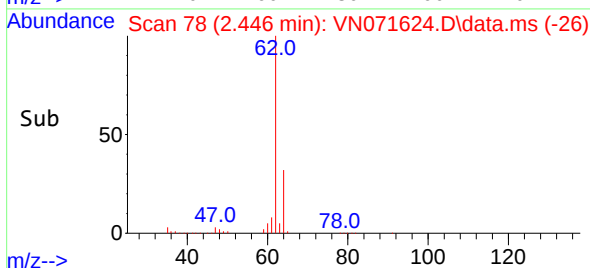
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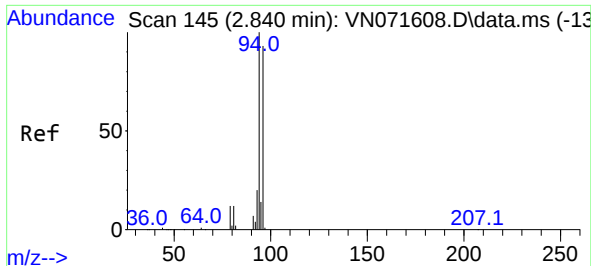


#4
Vinyl Chloride
Concen: 47.338 ug/l
RT: 2.446 min Scan# 78
Delta R.T. 0.006 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57



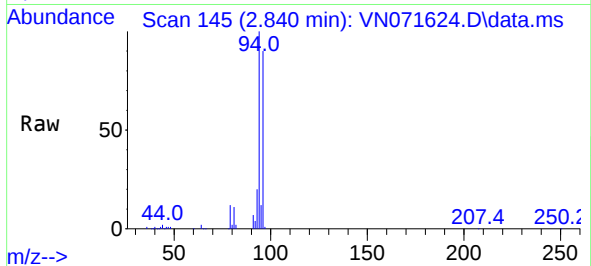
Tgt Ion: 62 Resp: 383749
Ion Ratio Lower Upper
62 100
64 31.2 25.0 37.4





#5
Bromomethane
Concen: 51.002 ug/l
RT: 2.840 min Scan# 145
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

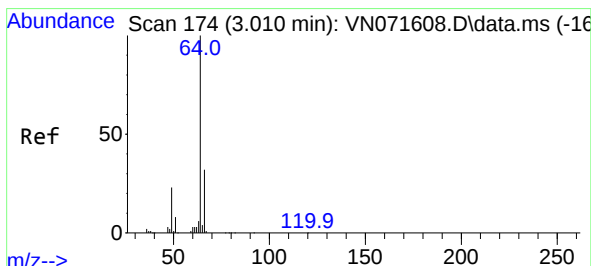
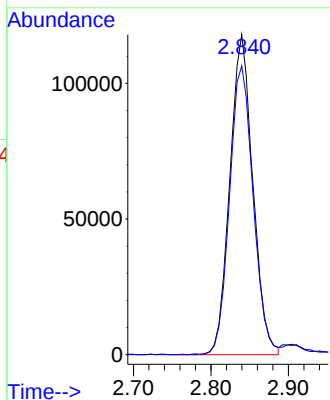
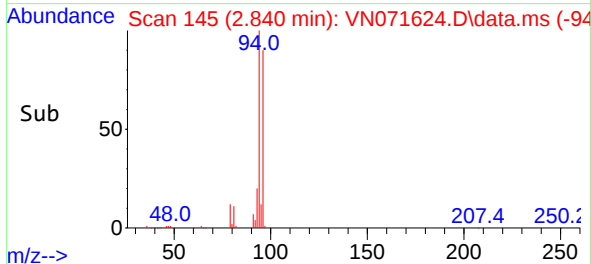
Instrument :
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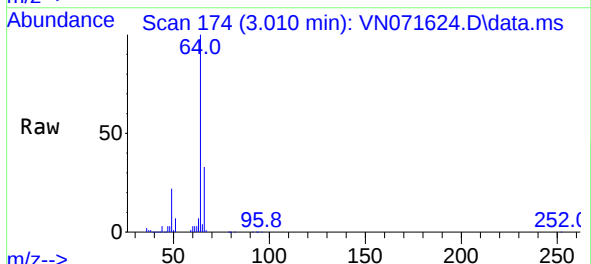
Tgt Ion: 94 Resp: 242933
Ion Ratio Lower Upper
94 100
96 90.2 76.0 114.0

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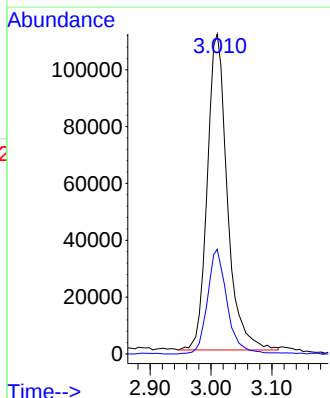
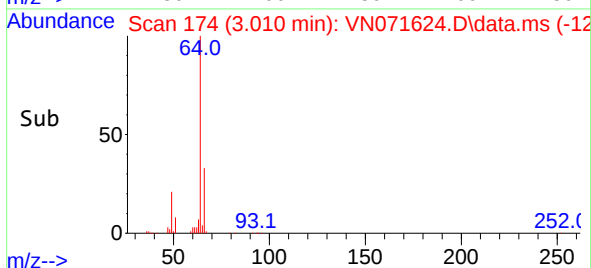
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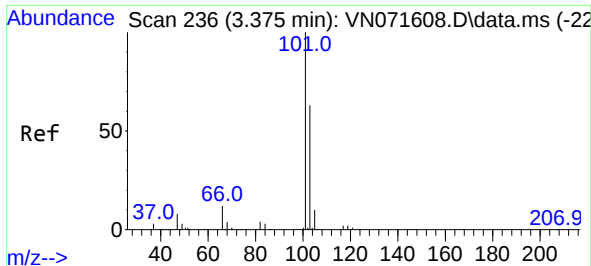


#6
Chloroethane
Concen: 49.506 ug/l
RT: 3.010 min Scan# 174
Delta R.T. 0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57



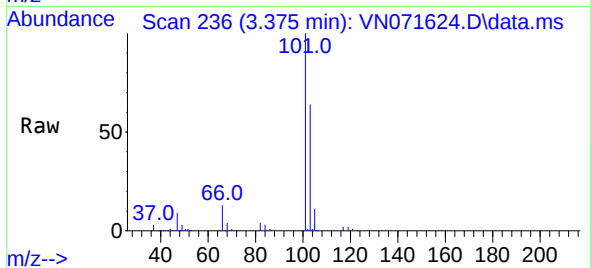
Tgt Ion: 64 Resp: 254090
Ion Ratio Lower Upper
64 100
66 33.1 26.2 39.4





#7
Trichlorofluoromethane
Concen: 47.811 ug/l
RT: 3.375 min Scan# 236
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

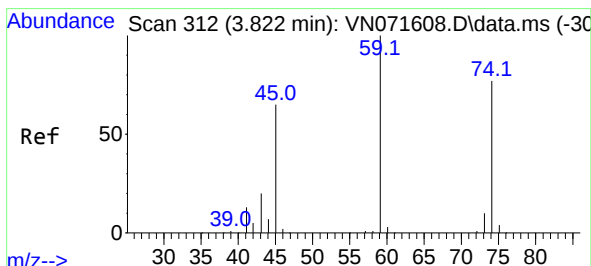
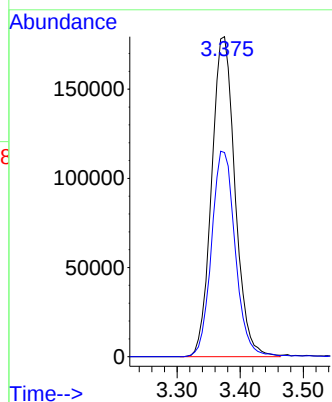
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 461939
Ion Ratio Lower Upper
101 100
103 63.8 51.5 77.3

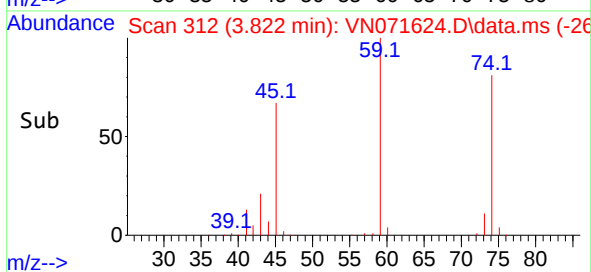
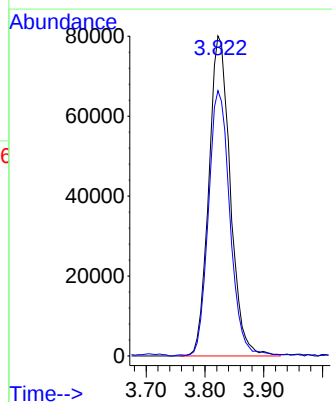
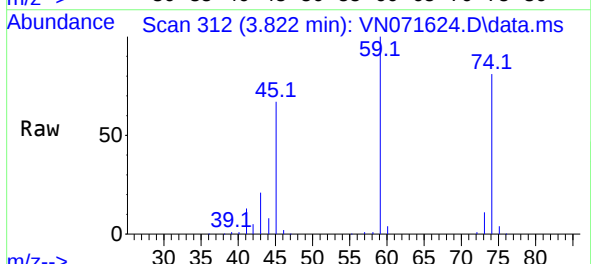
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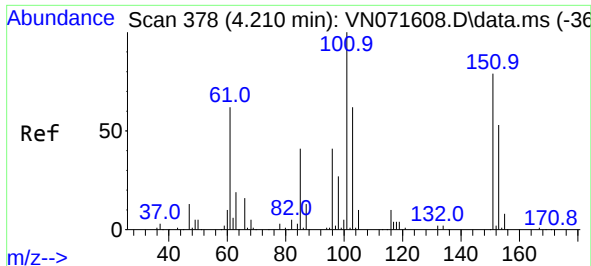
Reviewed By :John Carlone 03/29/2022
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#8
Diethyl Ether
Concen: 50.539 ug/l
RT: 3.822 min Scan# 312
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

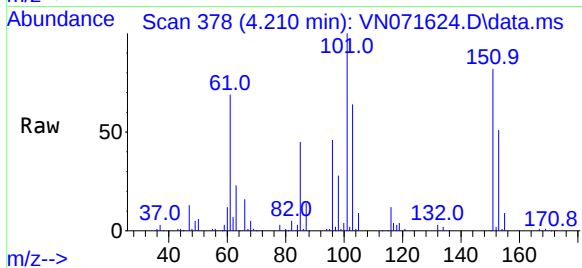
Tgt Ion: 74 Resp: 203175
Ion Ratio Lower Upper
74 100
45 83.5 42.9 128.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.658 ug/l
RT: 4.210 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

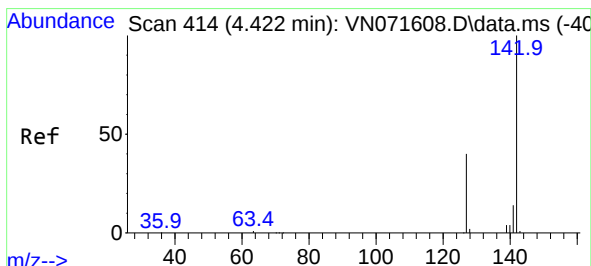
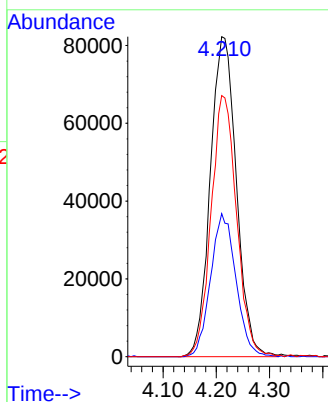
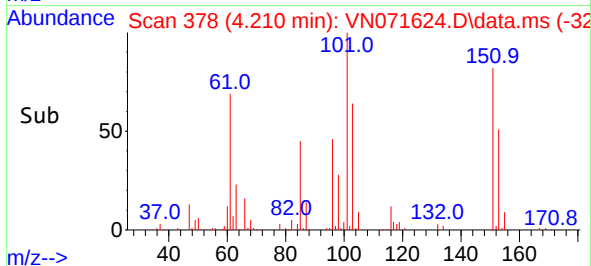
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



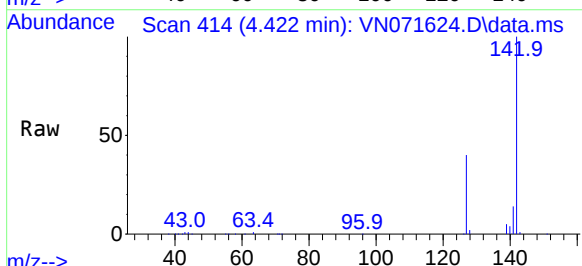
Tgt Ion:101 Resp: 279759
Ion Ratio Lower Upper
101 100
85 43.5 34.7 52.1
151 79.9 63.0 94.4

Manual Integrations
APPROVED

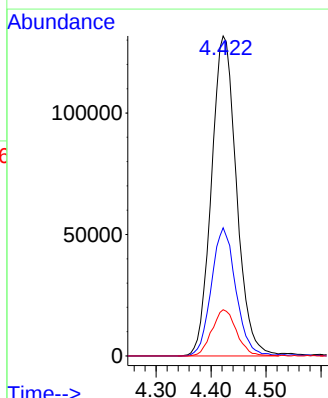
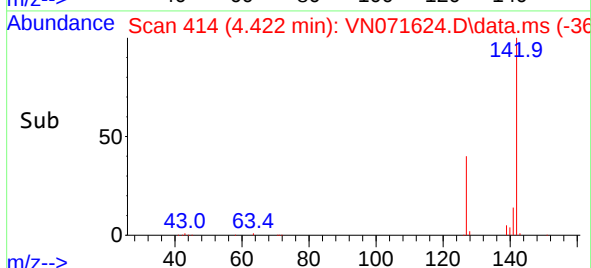
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

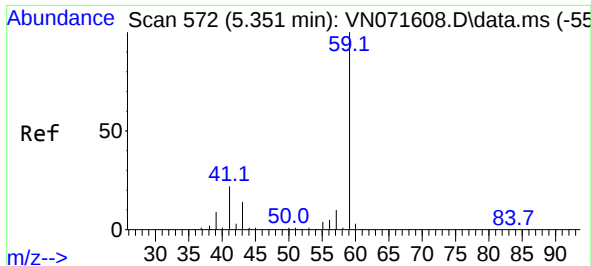


#10
Methyl Iodide
Concen: 48.090 ug/l
RT: 4.422 min Scan# 414
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57



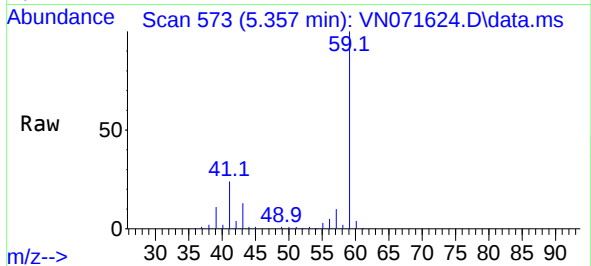
Tgt Ion:142 Resp: 416385
Ion Ratio Lower Upper
142 100
127 39.2 31.3 46.9
141 14.2 11.2 16.8





#11
Tert butyl alcohol
Concen: 239.101 ug/l
RT: 5.357 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

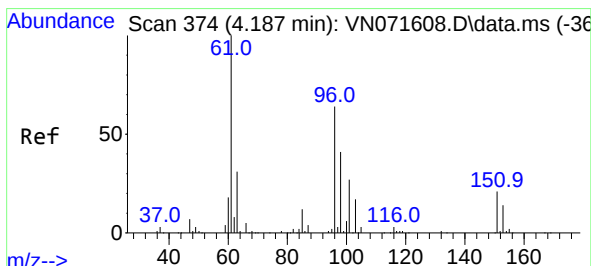
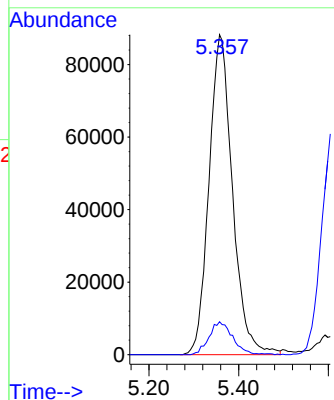
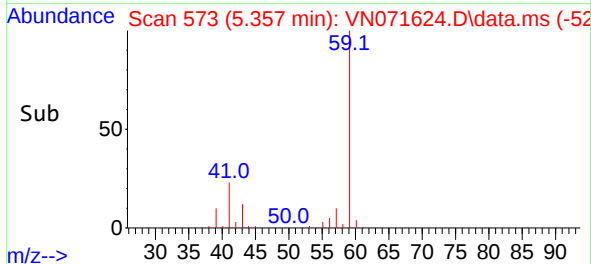
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



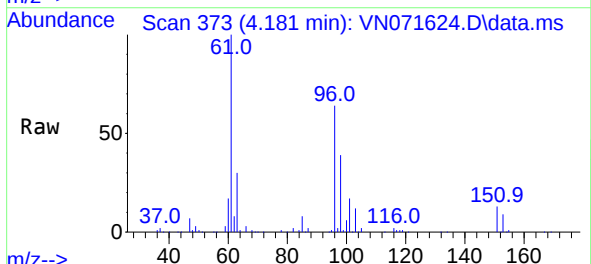
Tgt Ion: 59 Resp: 32043
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

Manual Integrations
APPROVED

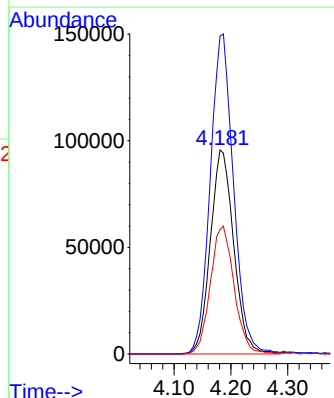
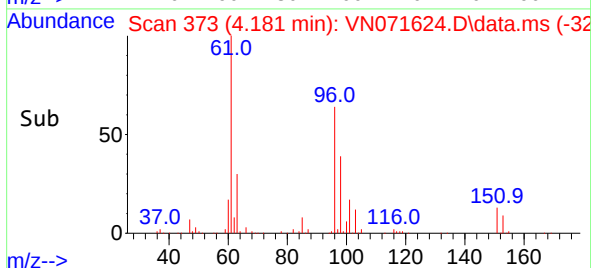
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

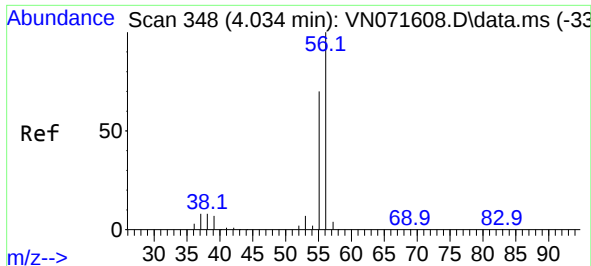


#12
1,1-Dichloroethene
Concen: 48.143 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.006 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57



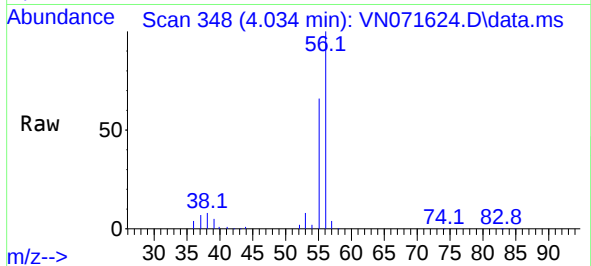
Tgt Ion: 96 Resp: 273541
Ion Ratio Lower Upper
96 100
61 155.8 127.6 191.4
98 61.1 51.2 76.8





#13
Acrolein
Concen: 248.840 ug/l
RT: 4.034 min Scan# 348
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

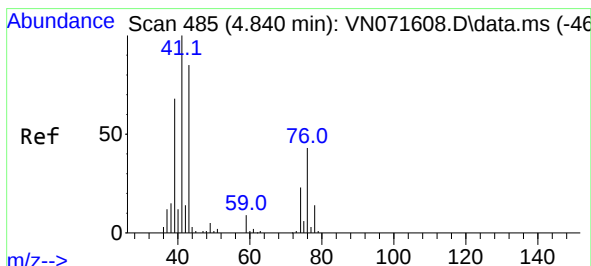
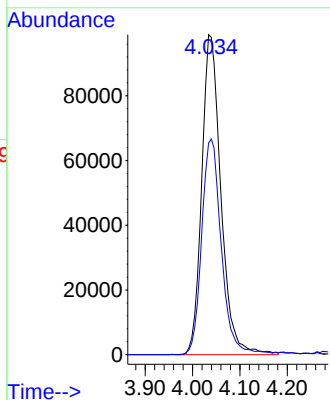
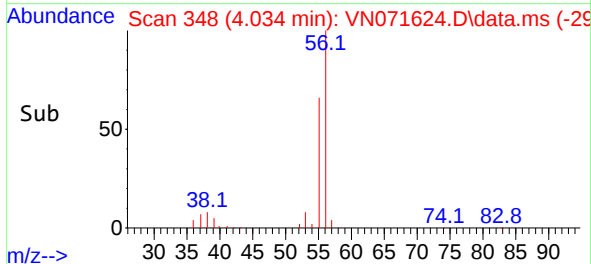
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 278259
Ion Ratio Lower Upper
56 100
55 68.9 54.8 82.2

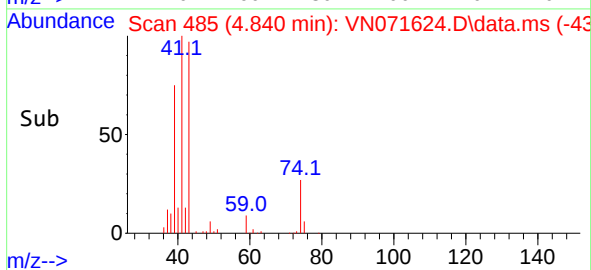
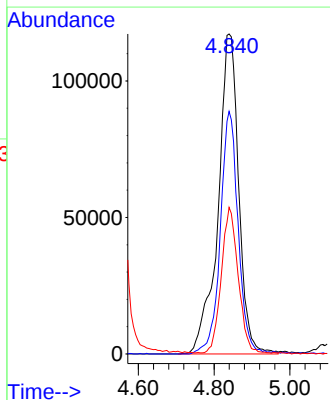
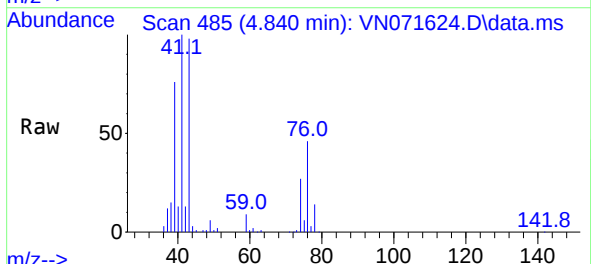
Manual Integrations
APPROVED

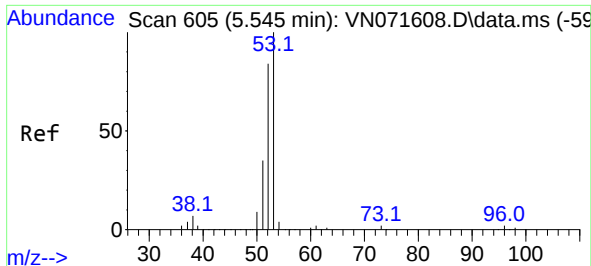
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#14
Allyl chloride
Concen: 49.044 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

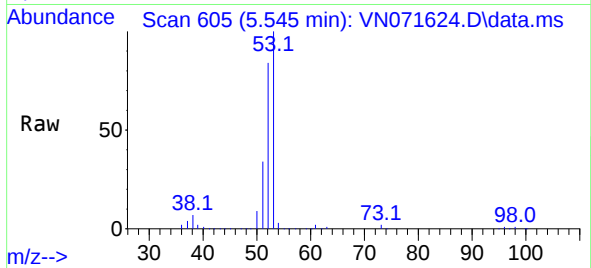
Tgt Ion: 41 Resp: 444781
Ion Ratio Lower Upper
41 100
39 65.4 53.2 79.8
76 37.0 29.9 44.9





#15
Acrylonitrile
Concen: 250.903 ug/l
RT: 5.545 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

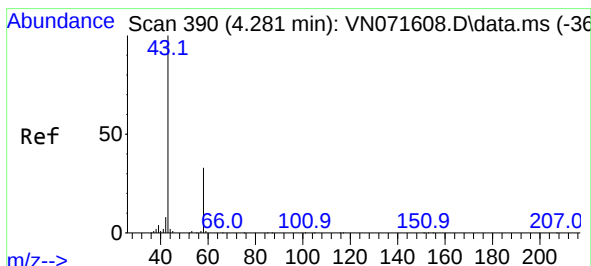
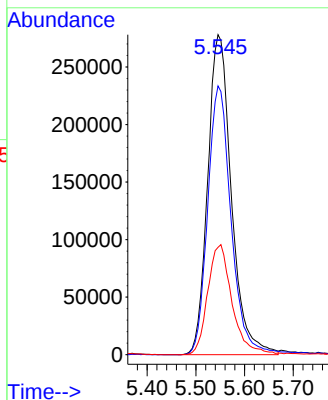
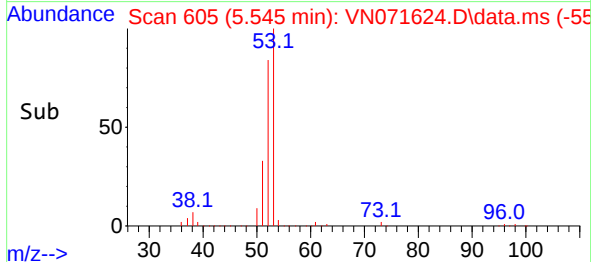
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



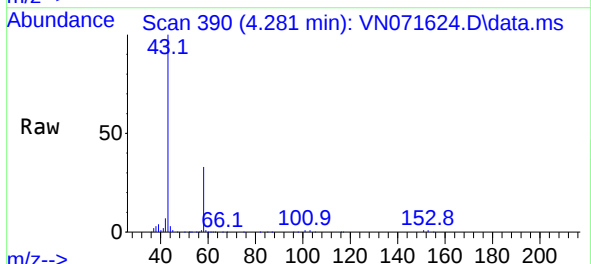
Tgt Ion: 53 Resp: 939110
Ion Ratio Lower Upper
53 100
52 83.5 66.4 99.6
51 35.4 28.5 42.7

Manual Integrations
APPROVED

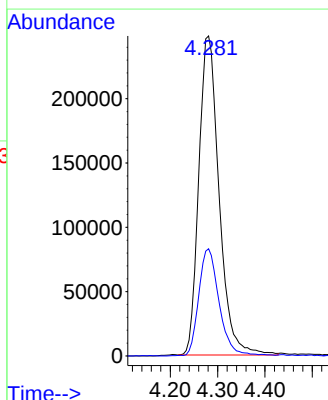
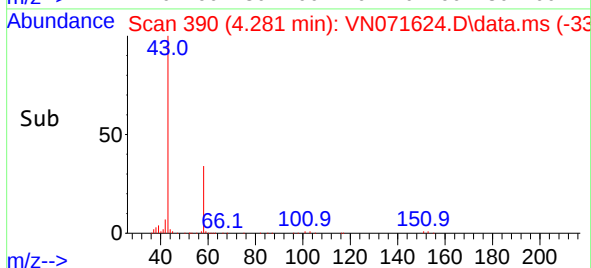
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

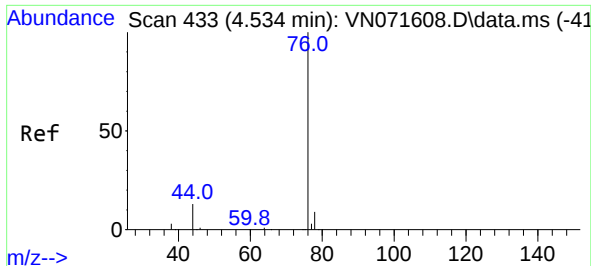


#16
Acetone
Concen: 235.800 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57



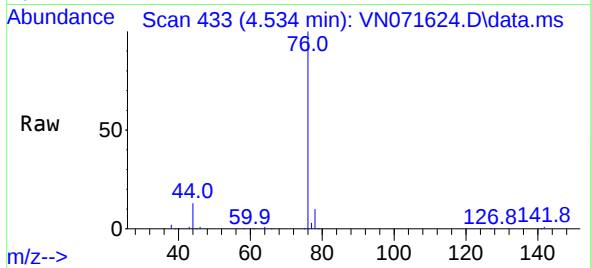
Tgt Ion: 43 Resp: 737768
Ion Ratio Lower Upper
43 100
58 33.4 26.0 39.0





#17
Carbon Disulfide
Concen: 44.805 ug/l
RT: 4.534 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

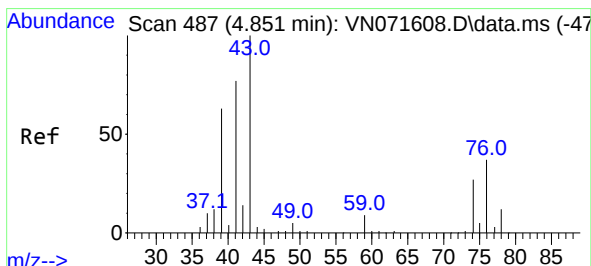
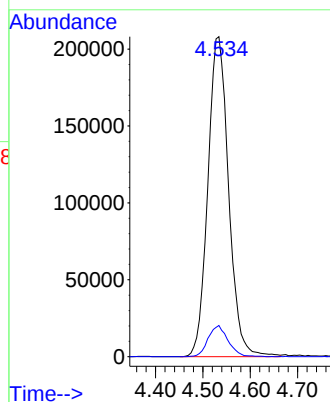
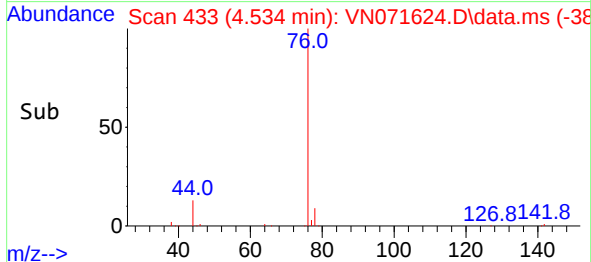
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



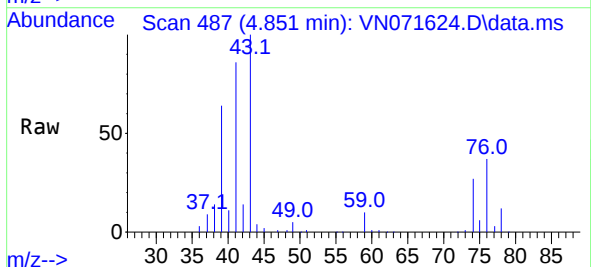
Tgt Ion: 76 Resp: 63403
Ion Ratio Lower Upper
76 100
78 9.8 7.2 10.8

Manual Integrations
APPROVED

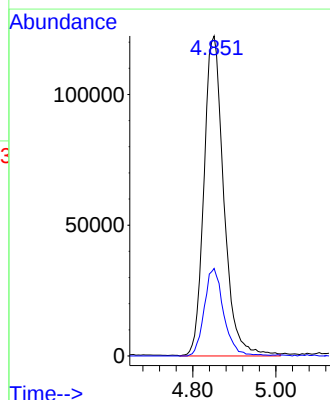
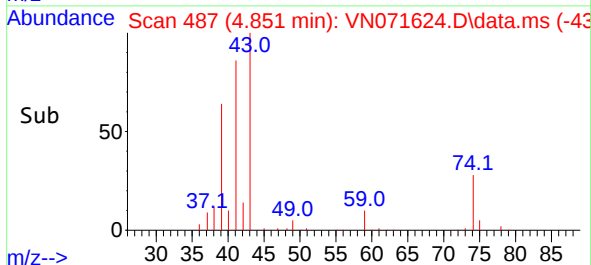
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

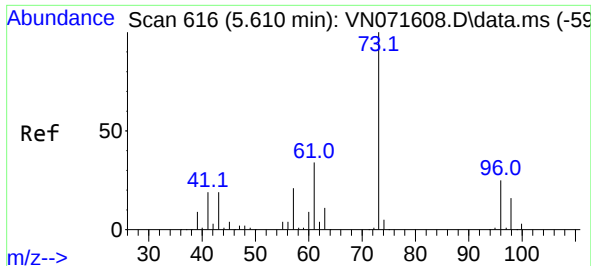


#18
Methyl Acetate
Concen: 50.177 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57



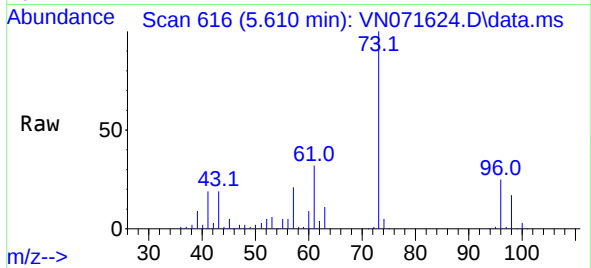
Tgt Ion: 43 Resp: 406679
Ion Ratio Lower Upper
43 100
74 26.7 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 49.627 ug/l
RT: 5.610 min Scan# 616
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

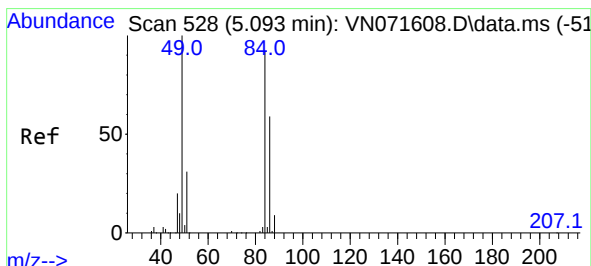
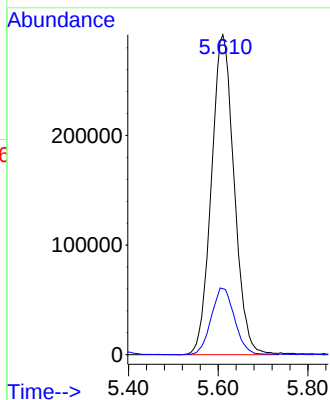
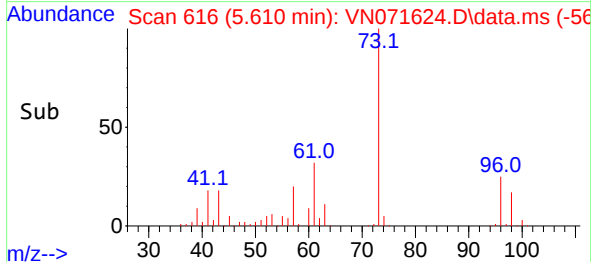
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



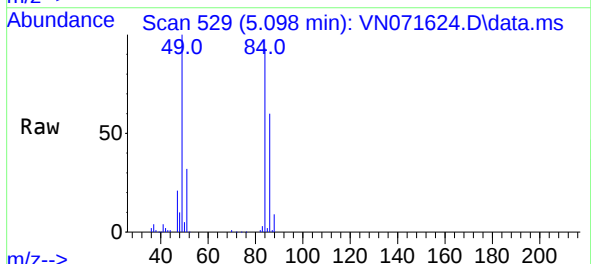
Tgt Ion: 73 Resp: 1029704
Ion Ratio Lower Upper
73 100
57 20.6 17.6 26.4

Manual Integrations
APPROVED

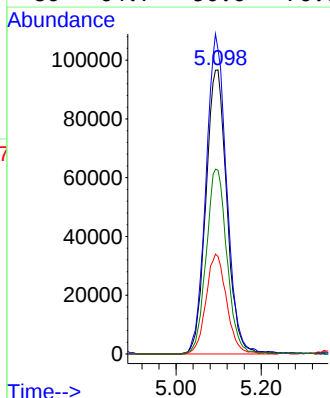
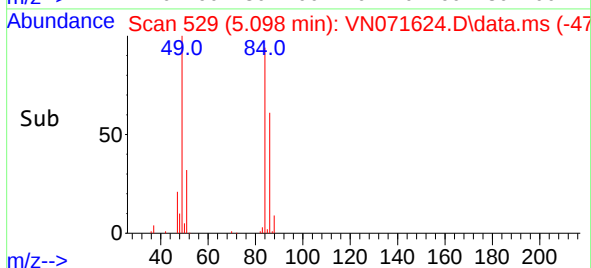
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

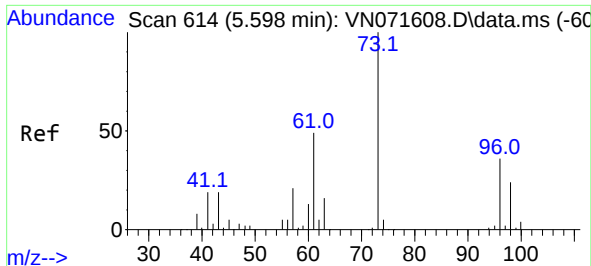


#20
Methylene Chloride
Concen: 47.843 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.005 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57



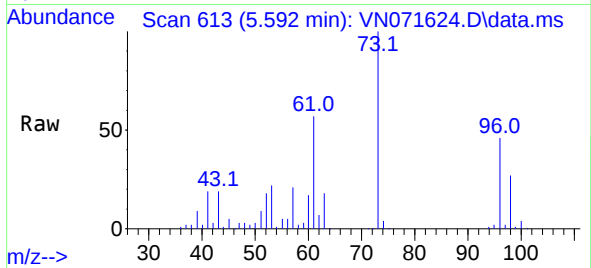
Tgt Ion: 84 Resp: 330870
Ion Ratio Lower Upper
84 100
49 107.1 88.3 132.5
51 34.3 28.2 42.2
86 64.7 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 49.194 ug/l
RT: 5.592 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

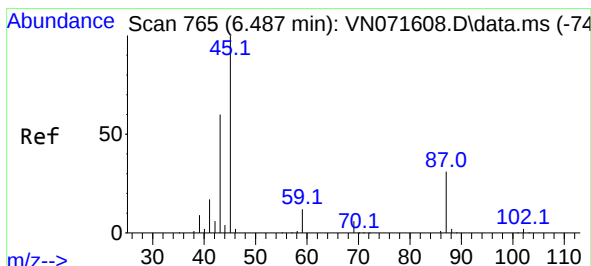
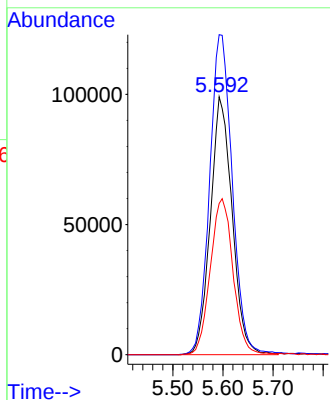
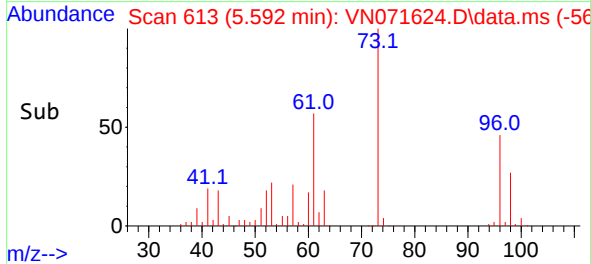
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



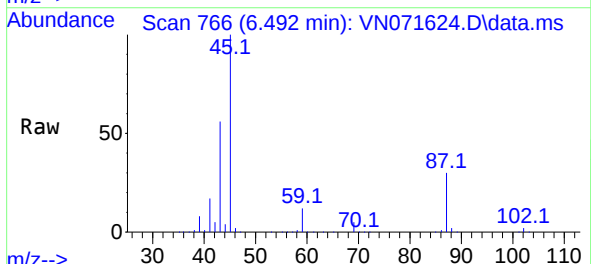
Tgt Ion: 96 Resp: 298938
Ion Ratio Lower Upper
96 100
61 124.1 105.8 158.8
98 58.6 50.3 75.5

Manual Integrations
APPROVED

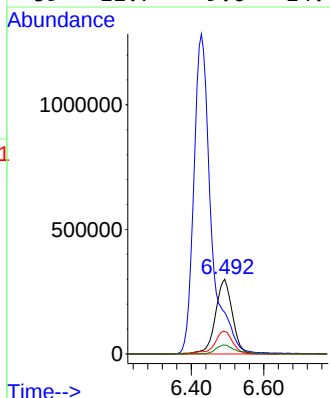
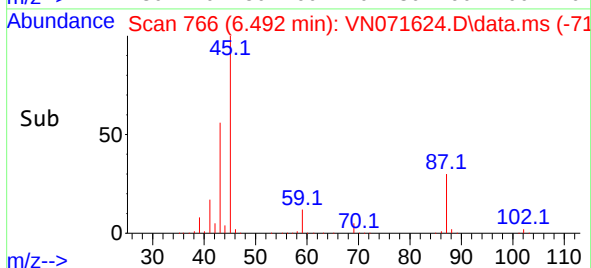
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

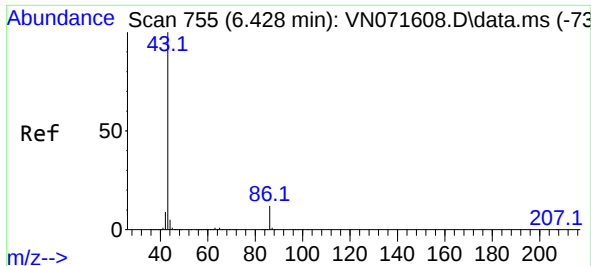


#22
Diisopropyl ether
Concen: 50.224 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57



Tgt Ion: 45 Resp: 973660
Ion Ratio Lower Upper
45 100
43 55.0 46.6 70.0
87 30.1 24.3 36.5
59 11.7 9.6 14.4





#23
 Vinyl Acetate
 Concen: 258.585 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN071624.D
 Acq: 28 Mar 2022 23:57

Instrument :

MSVOA_N

ClientSampleId :

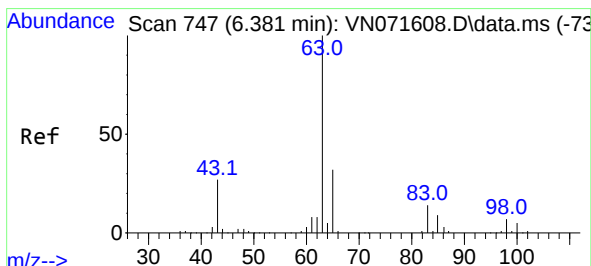
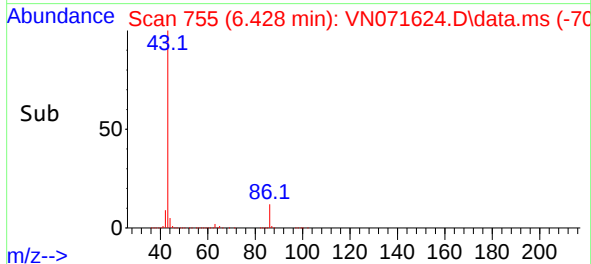
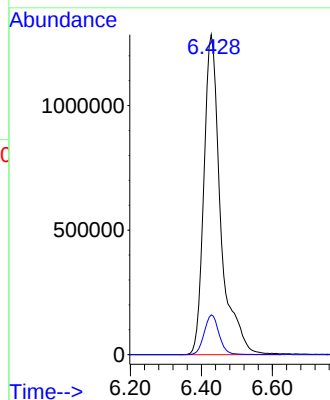
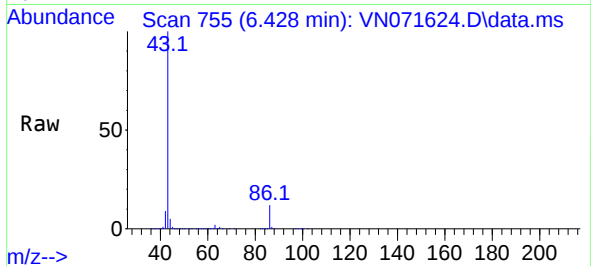
VSTDCCC050EC

Tgt Ion: 43 Resp: 422913
 Ion Ratio Lower Upper
 43 100
 86 12.4 10.0 15.0

Manual Integrations

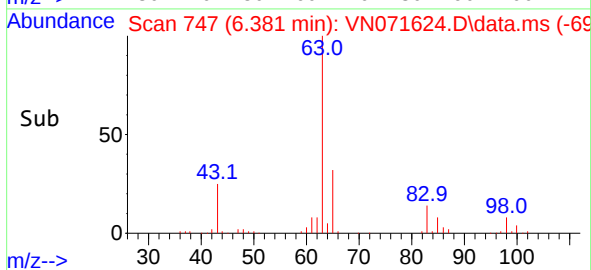
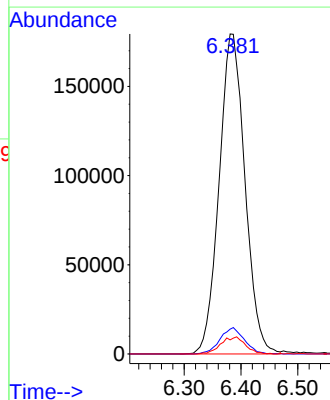
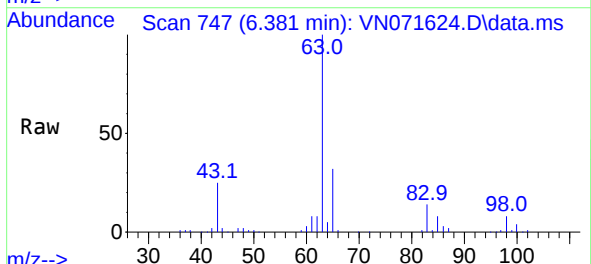
APPROVED

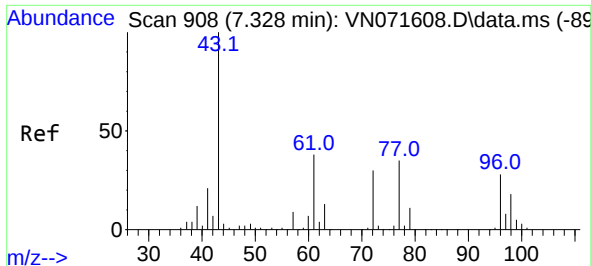
Reviewed By :John Carlone 03/29/2022
 Supervised By :Mahesh Dadoda 03/30/2022



#24
 1,1-Dichloroethane
 Concen: 49.066 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.000 min
 Lab File: VN071624.D
 Acq: 28 Mar 2022 23:57

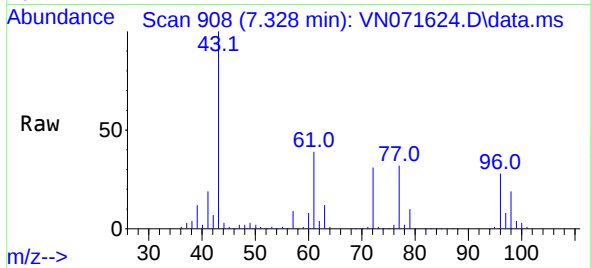
Tgt Ion: 63 Resp: 566463
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.5 10.4
 100 4.4 2.3 6.8





#25
2-Butanone
Concen: 251.166 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

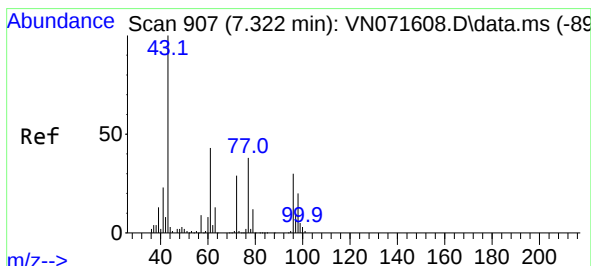
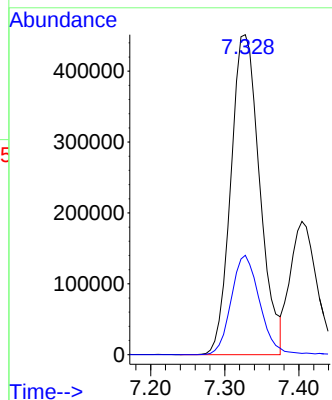
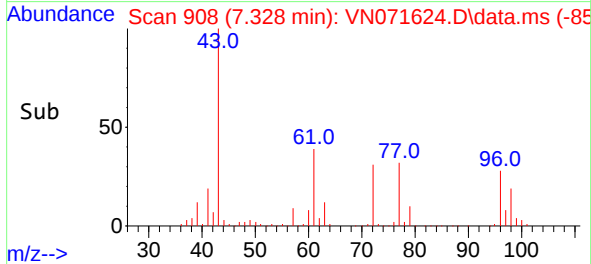
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



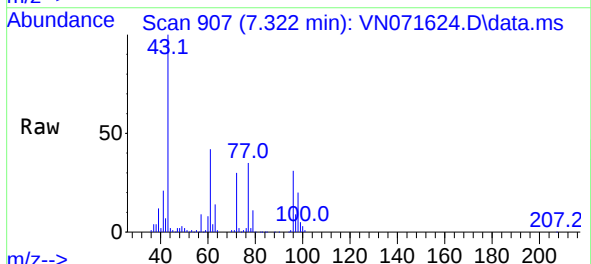
Tgt Ion: 43 Resp: 1223240
Ion Ratio Lower Upper
43 100
72 31.1 23.7 35.5

Manual Integrations
APPROVED

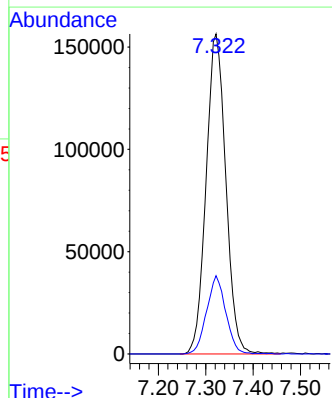
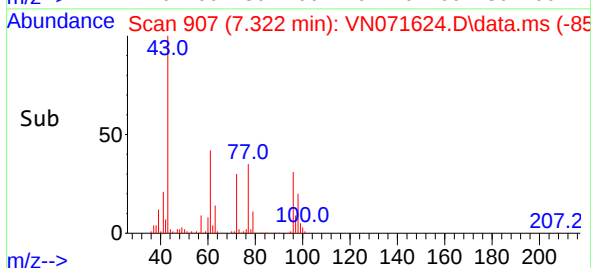
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

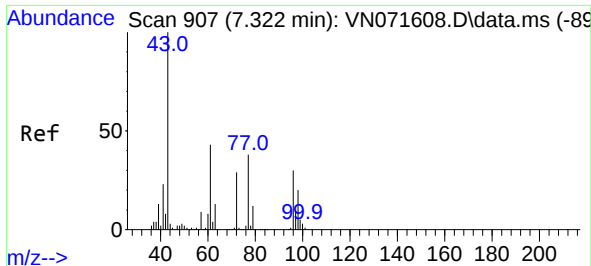


#26
2,2-Dichloropropane
Concen: 45.564 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57



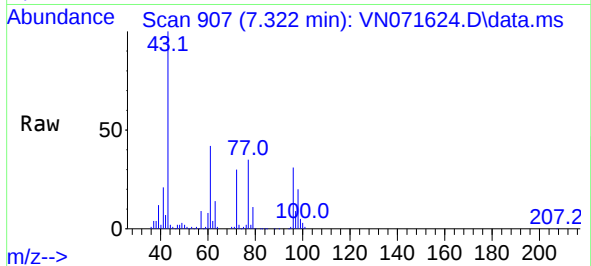
Tgt Ion: 77 Resp: 452110
Ion Ratio Lower Upper
77 100
97 23.7 11.4 34.2





#27
cis-1,2-Dichloroethene
Concen: 49.215 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

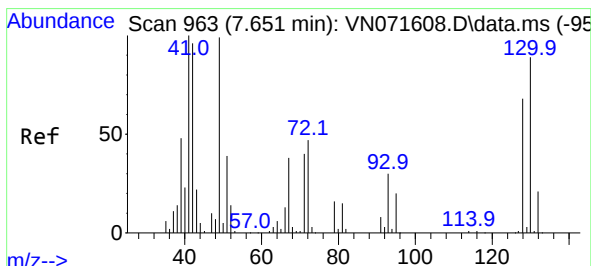
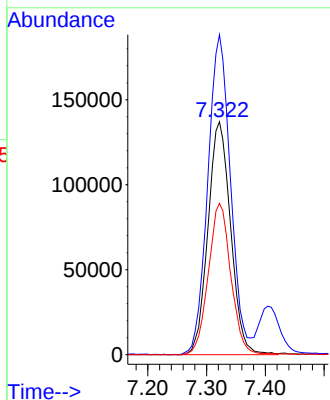
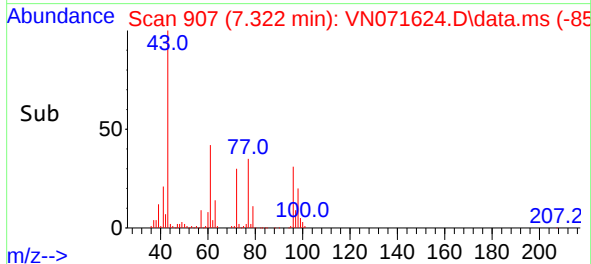
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 36753
Ion Ratio Lower Upper
96 100
61 137.3 0.0 280.6
98 64.5 0.0 128.4

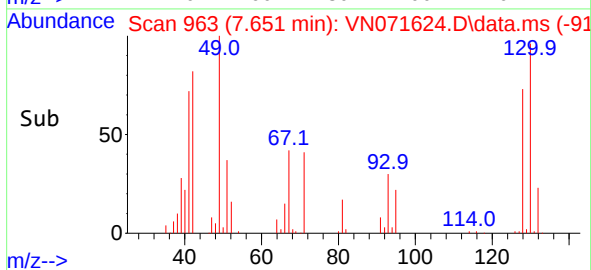
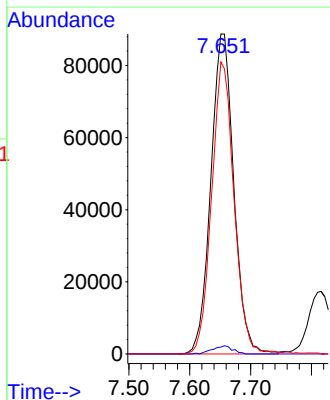
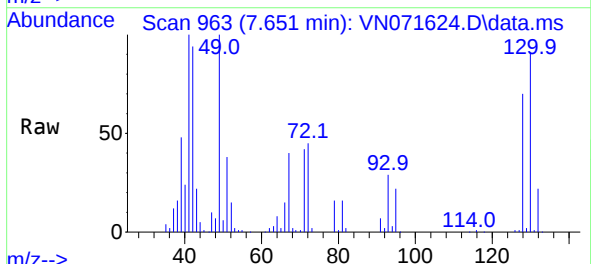
Manual Integrations
APPROVED

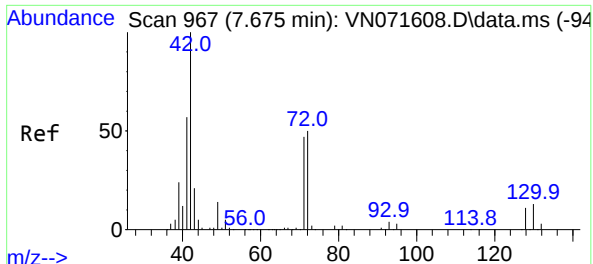
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#28
Bromochloromethane
Concen: 49.796 ug/l
RT: 7.651 min Scan# 963
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

Tgt Ion: 49 Resp: 232219
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.6
130 89.0 69.7 104.5





#29

Tetrahydrofuran

Concen: 257.846 ug/l

RT: 7.681 min Scan# 90

Delta R.T. 0.006 min

Lab File: VN071624.D

Acq: 28 Mar 2022 23:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 815184

Ion Ratio Lower Upper

42 100

72 49.4 39.7 59.5

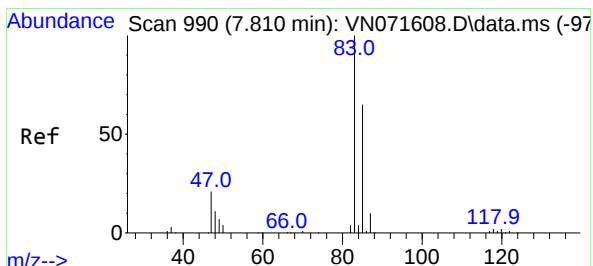
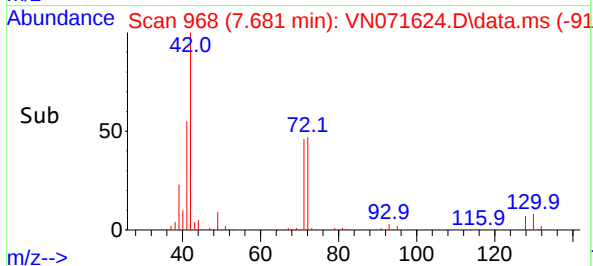
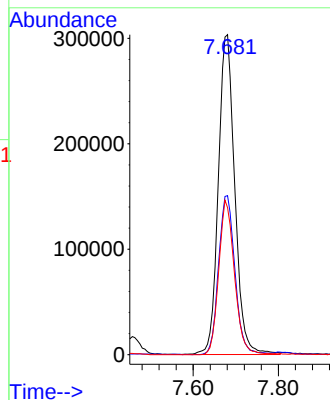
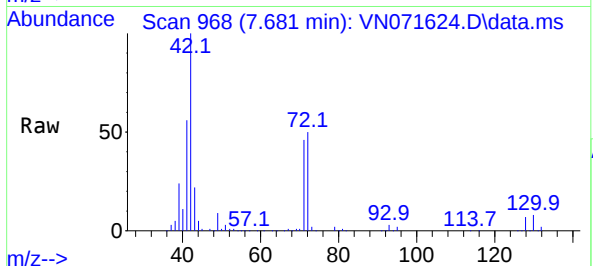
71 46.3 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/30/2022



#30

Chloroform

Concen: 49.725 ug/l

RT: 7.816 min Scan# 991

Delta R.T. 0.006 min

Lab File: VN071624.D

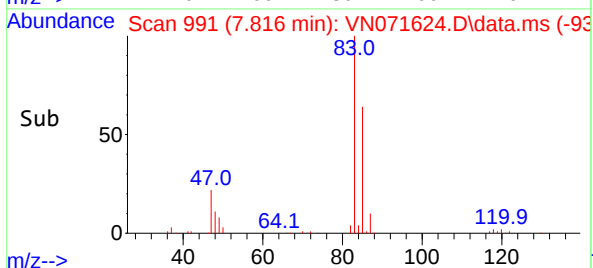
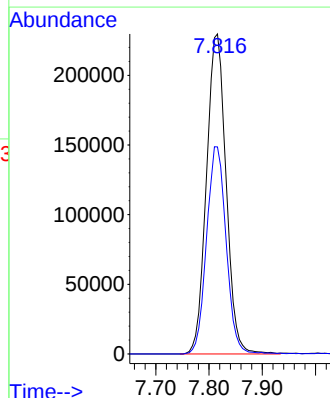
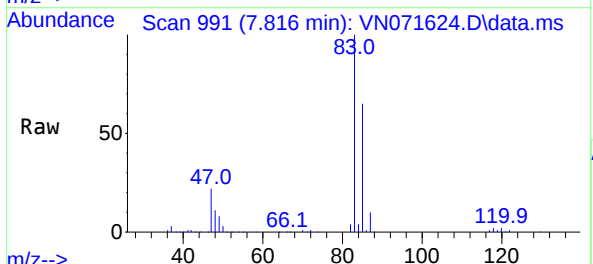
Acq: 28 Mar 2022 23:57

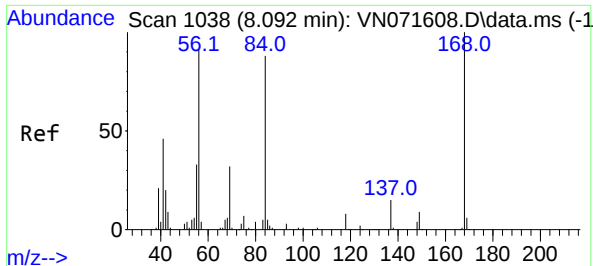
Tgt Ion: 83 Resp: 588347

Ion Ratio Lower Upper

83 100

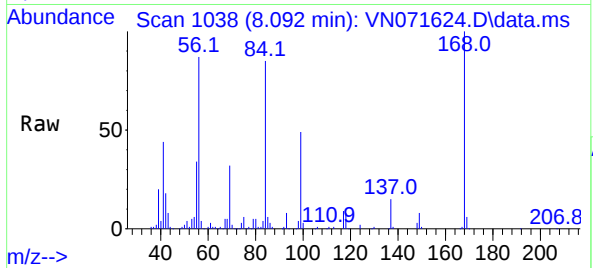
85 64.7 51.8 77.8





#31
Cyclohexane
Concen: 46.165 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

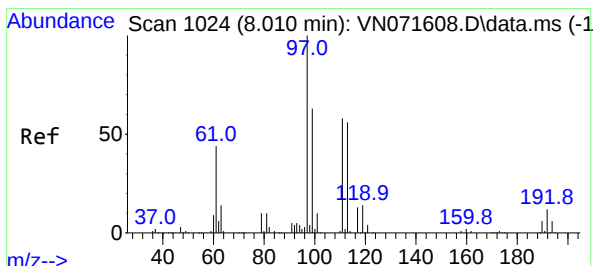
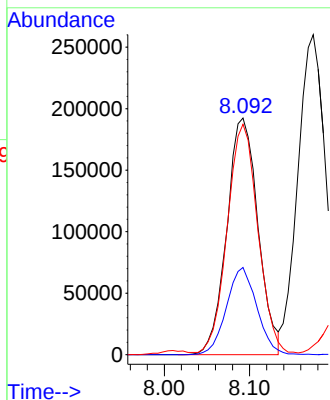
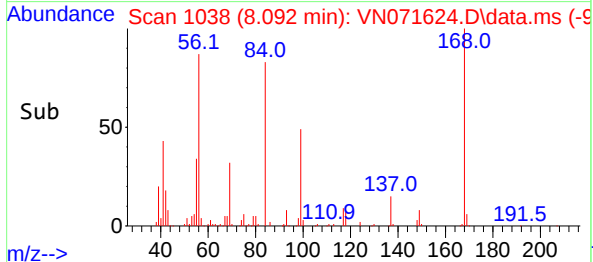
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



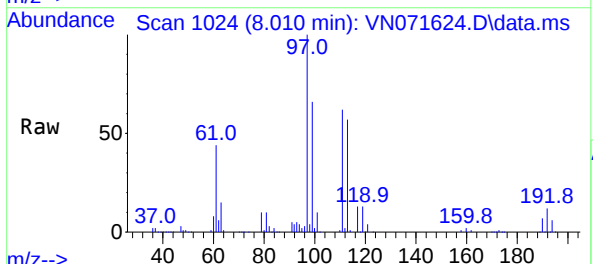
Tgt Ion: 56 Resp: 489310
Ion Ratio Lower Upper
56 100
69 36.9 27.8 41.8
84 95.9 76.9 115.3

Manual Integrations
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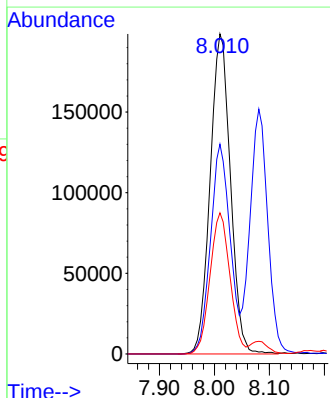
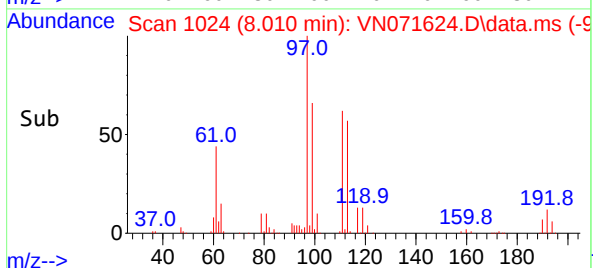
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

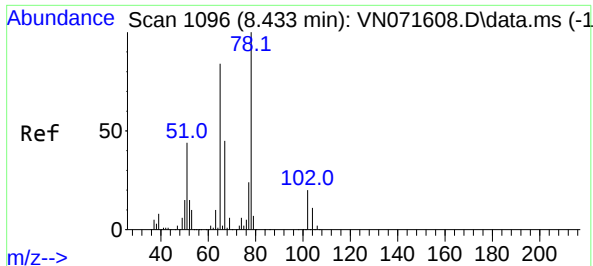


#32
1,1,1-Trichloroethane
Concen: 49.652 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57



Tgt Ion: 97 Resp: 509575
Ion Ratio Lower Upper
97 100
99 63.1 50.6 76.0
61 43.4 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 49.217 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN071624.D

Acq: 28 Mar 2022 23:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 37354

Ion Ratio Lower Upper

65 100

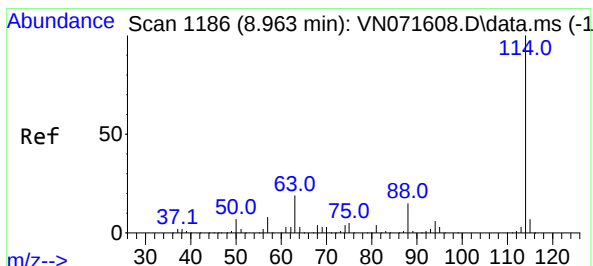
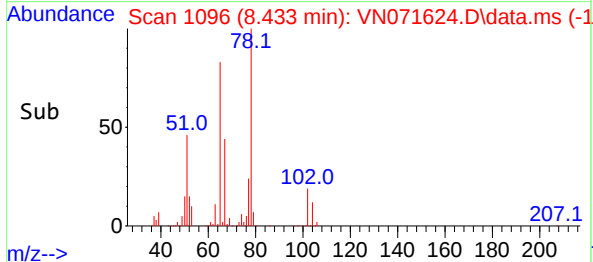
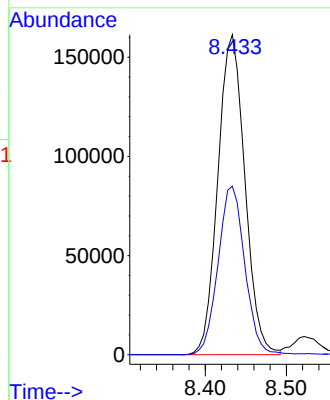
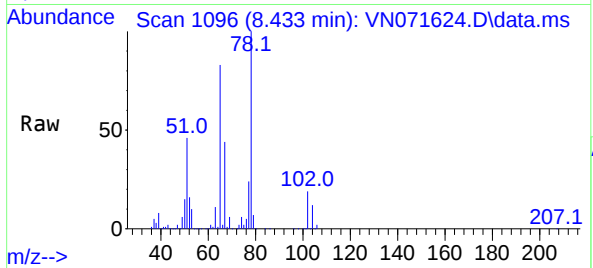
67 52.2 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/30/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071624.D

Acq: 28 Mar 2022 23:57

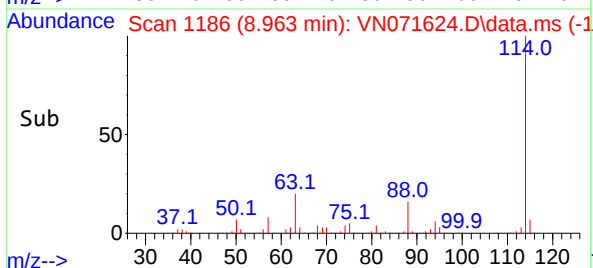
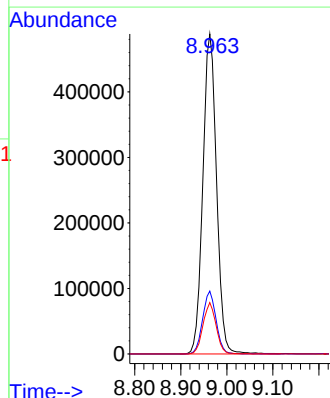
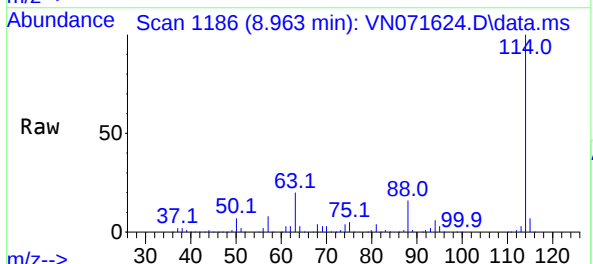
Tgt Ion:114 Resp: 1013132

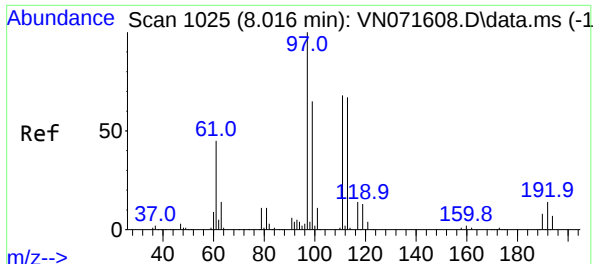
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.0

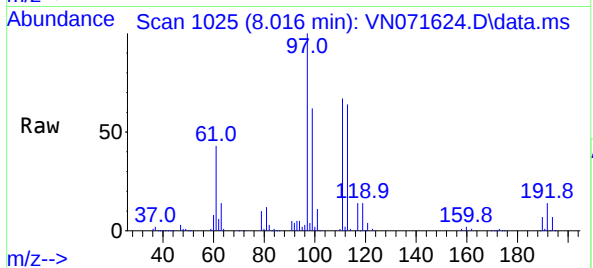
88 16.1 0.0 32.6





#35
Dibromofluoromethane
Concen: 48.533 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

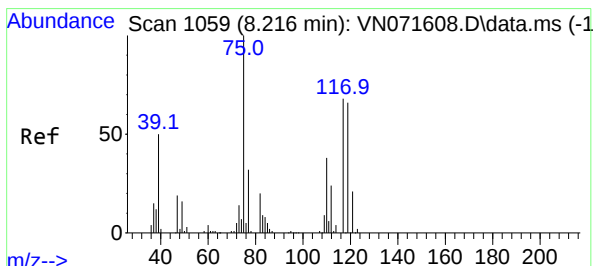
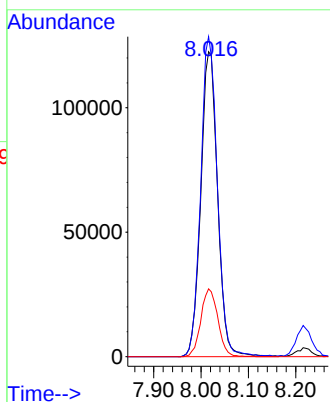
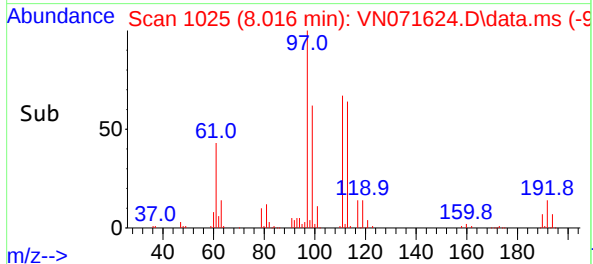
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



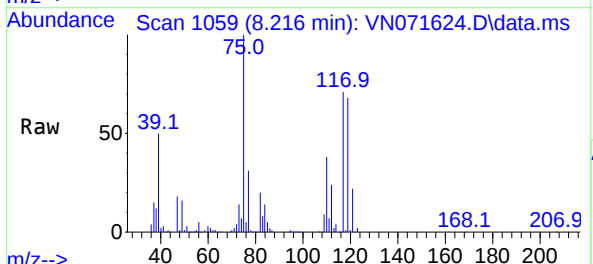
Tgt Ion: 113 Resp: 301978
Ion Ratio Lower Upper
113 100
111 104.0 81.4 122.0
192 22.5 17.0 25.6

Manual Integrations
APPROVED

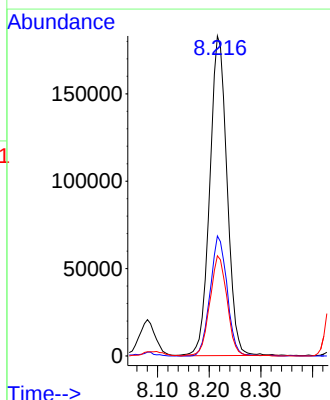
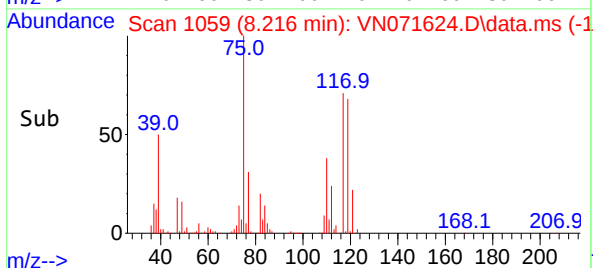
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

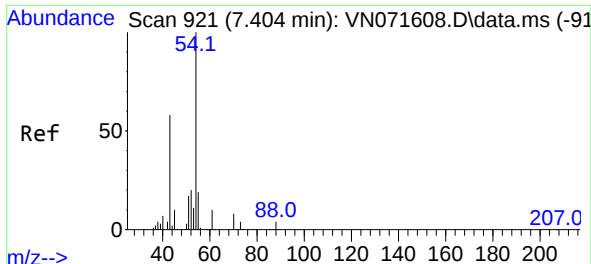


#36
1,1-Dichloropropene
Concen: 47.470 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57



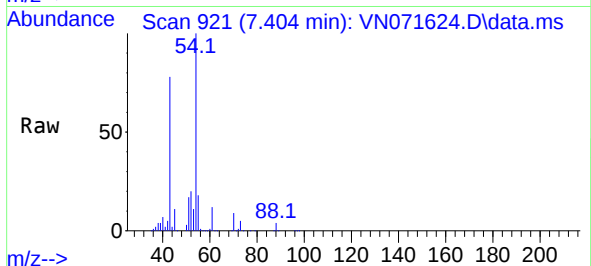
Tgt Ion: 75 Resp: 424613
Ion Ratio Lower Upper
75 100
110 36.8 18.3 54.8
77 31.2 25.1 37.7





#37
Ethyl Acetate
Concen: 49.776 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

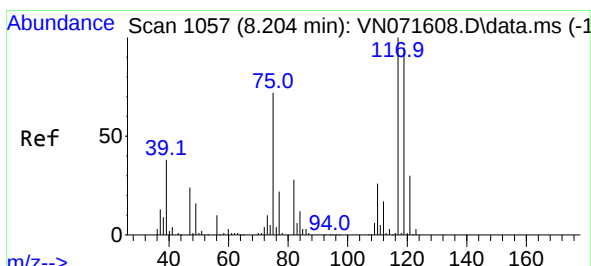
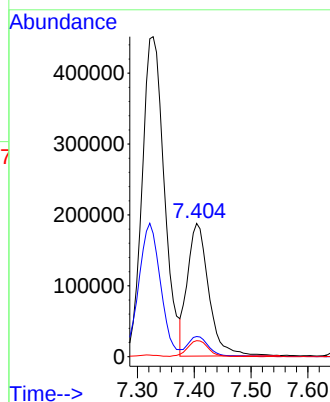
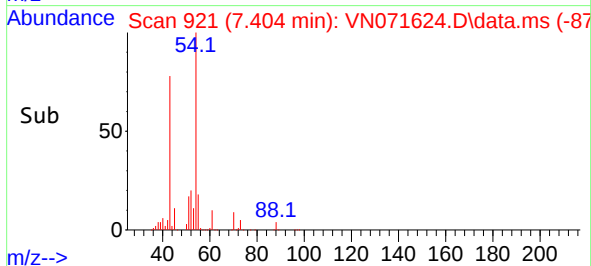
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 486854
Ion Ratio Lower Upper
43 100
61 15.4 11.8 17.6
70 12.0 9.3 13.9

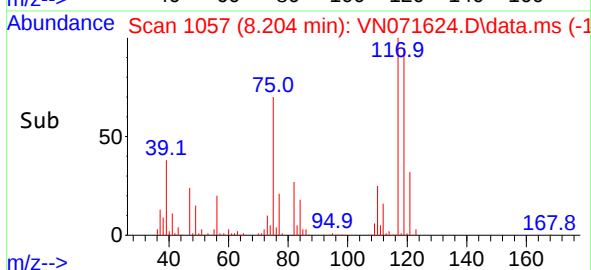
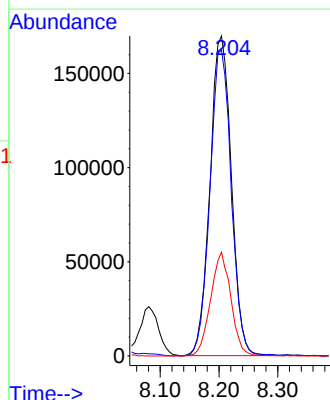
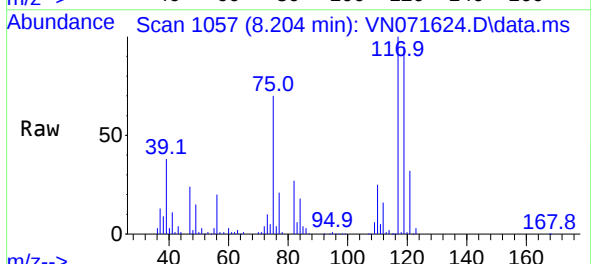
Manual Integrations
APPROVED

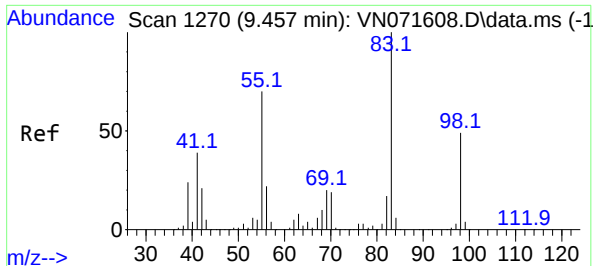
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#38
Carbon Tetrachloride
Concen: 48.372 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

Tgt Ion:117 Resp: 428790
Ion Ratio Lower Upper
117 100
119 95.6 75.8 113.8
121 32.4 24.6 37.0





#39

Methylcyclohexane

Concen: 47.424 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN071624.D

Acq: 28 Mar 2022 23:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 524660

Ion Ratio Lower Upper

83 100

55 70.4 57.8 86.8

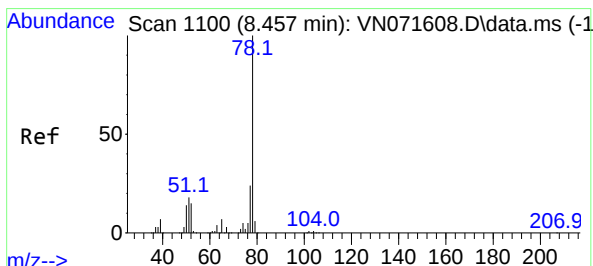
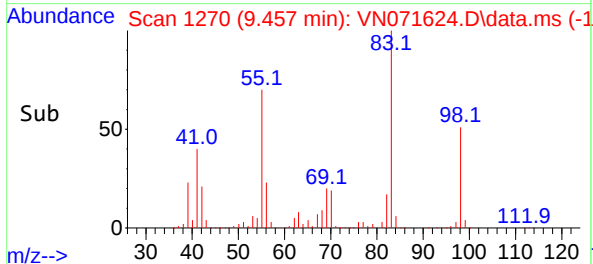
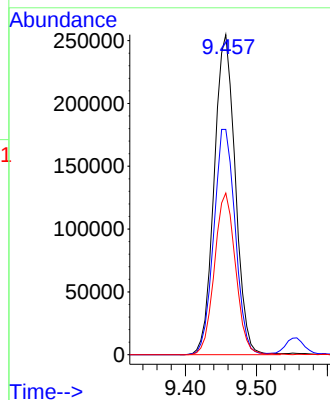
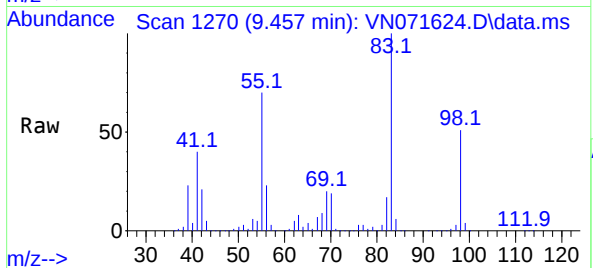
98 50.5 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/30/2022



#40

Benzene

Concen: 48.466 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN071624.D

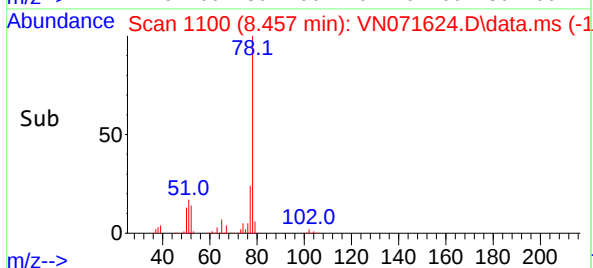
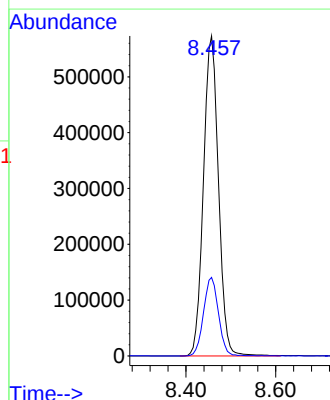
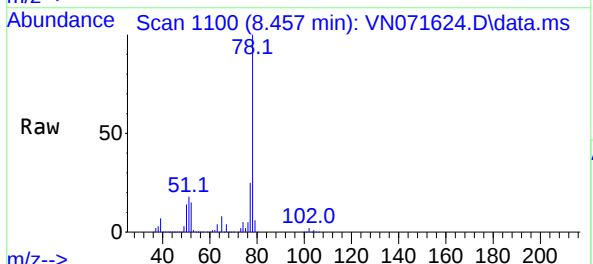
Acq: 28 Mar 2022 23:57

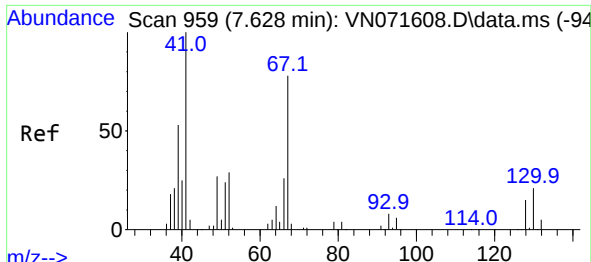
Tgt Ion: 78 Resp: 1331032

Ion Ratio Lower Upper

78 100

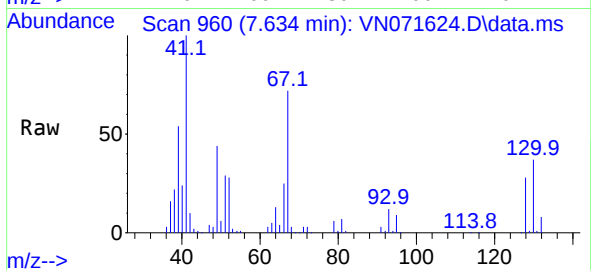
77 24.5 19.4 29.0





#41
Methacrylonitrile
Concen: 49.143 ug/l
RT: 7.634 min Scan# 910
Delta R.T. 0.006 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

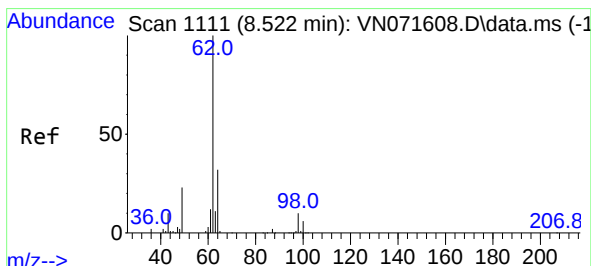
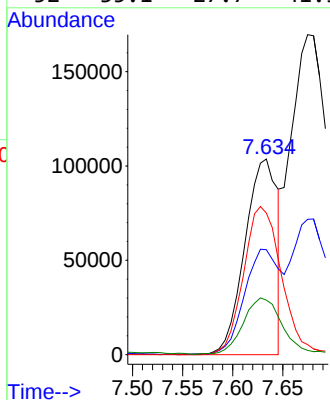
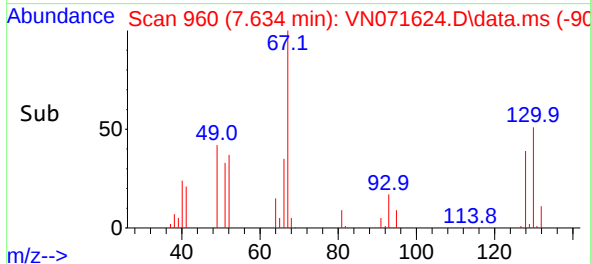
Instrument :
MSVOA_N
Client SampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 233770
Ion Ratio Lower Upper
41 100
39 60.3 48.6 73.0
67 89.1 73.4 110.2
52 35.1 27.7 41.5

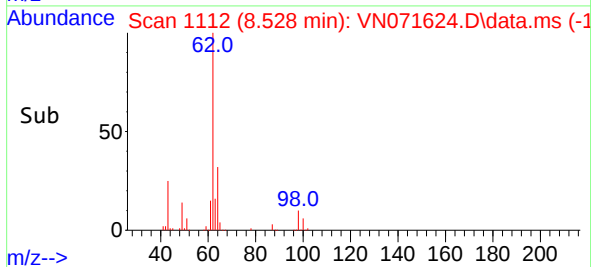
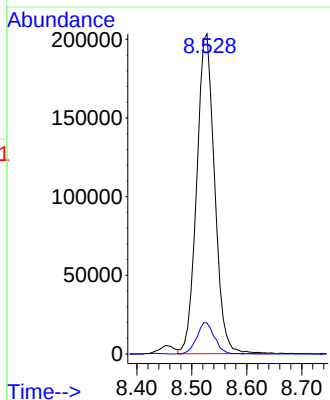
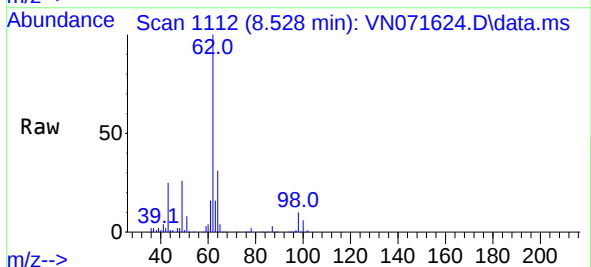
Manual Integrations
APPROVED

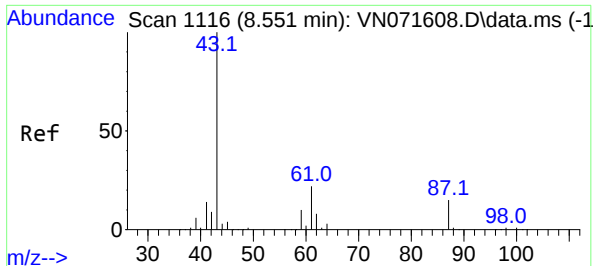
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#42
1,2-Dichloroethane
Concen: 48.374 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

Tgt Ion: 62 Resp: 459178
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.4





#43

Isopropyl Acetate

Concen: 48.306 ug/l

RT: 8.557 min Scan# 1116

Delta R.T. 0.006 min

Lab File: VN071624.D

Acq: 28 Mar 2022 23:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 77215

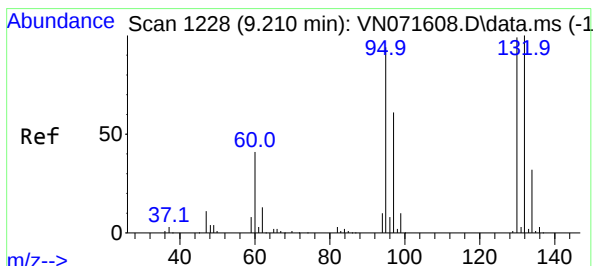
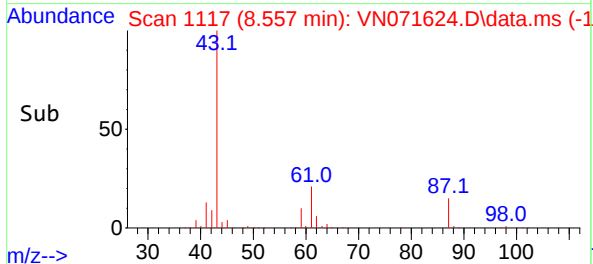
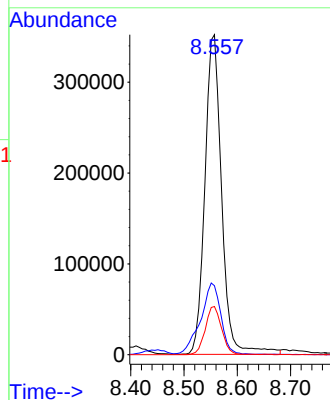
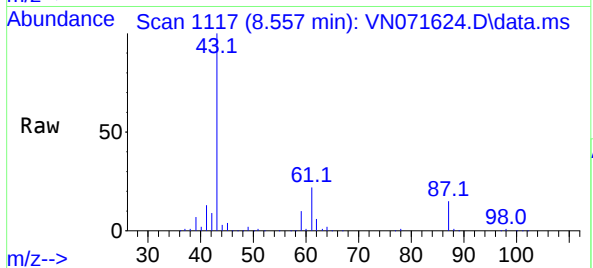
Ion	Ratio	Lower	Upper
43	100		
61	26.9	21.9	32.9
87	14.7	12.0	18.0

Manual Integrations

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Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/30/2022



#44

Trichloroethene

Concen: 48.299 ug/l

RT: 9.210 min Scan# 1228

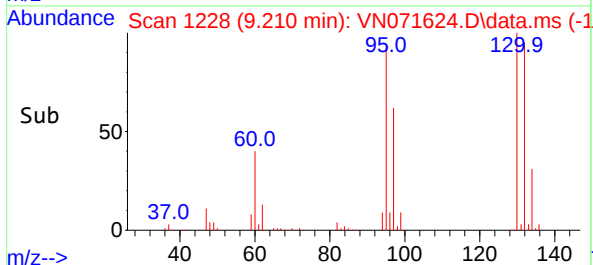
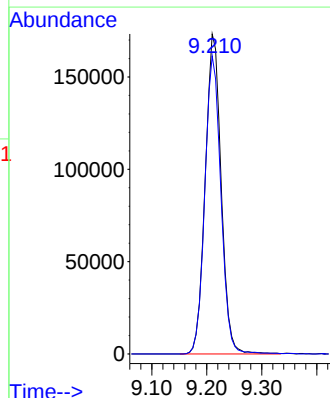
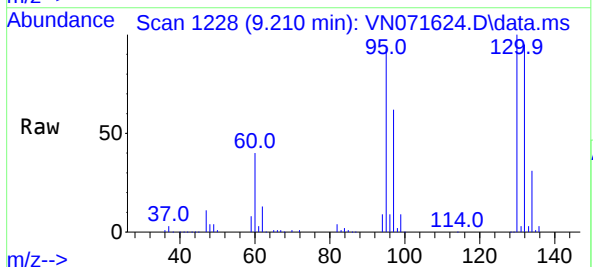
Delta R.T. -0.000 min

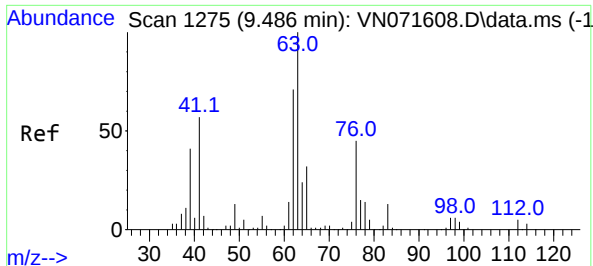
Lab File: VN071624.D

Acq: 28 Mar 2022 23:57

Tgt Ion:130 Resp: 348638

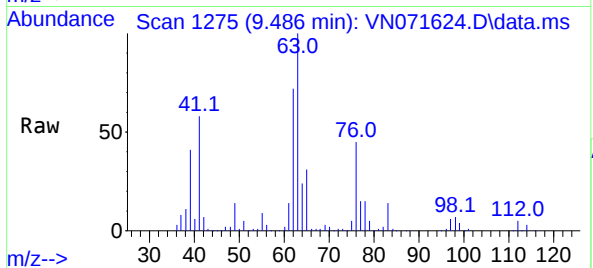
Ion	Ratio	Lower	Upper
130	100		
95	93.1	0.0	186.8





#45
1,2-Dichloropropane
Concen: 49.079 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

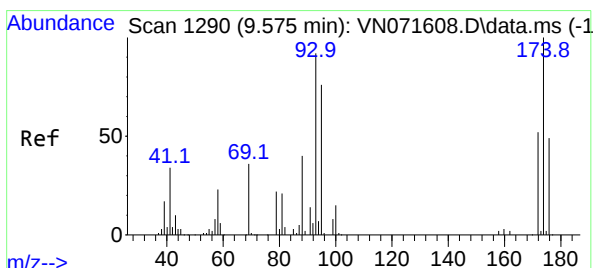
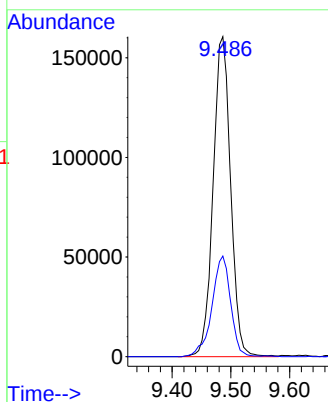
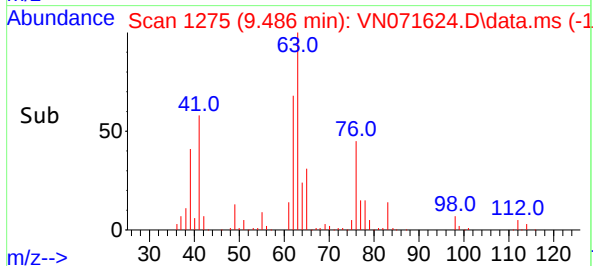
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



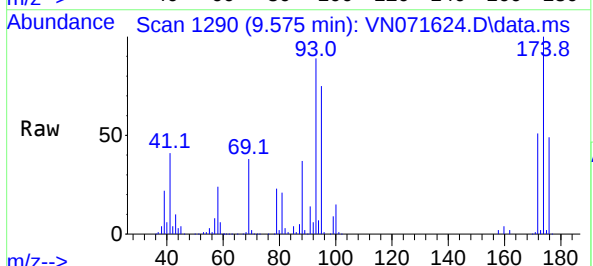
Tgt Ion: 63 Resp: 332048
Ion Ratio Lower Upper
63 100
65 31.4 24.9 37.3

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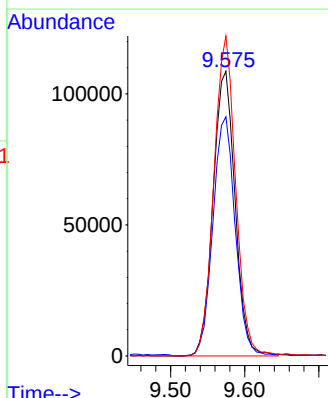
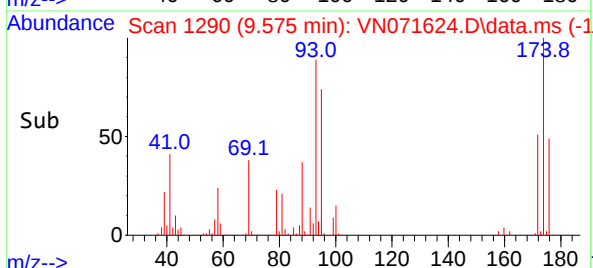
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

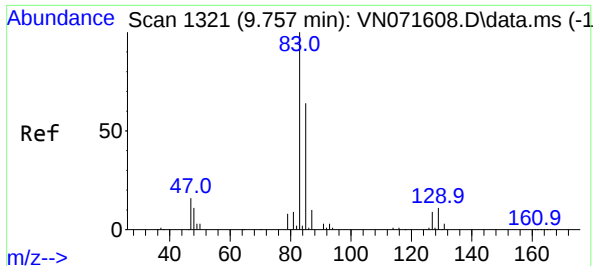


#46
Dibromomethane
Concen: 48.546 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57



Tgt Ion: 93 Resp: 224780
Ion Ratio Lower Upper
93 100
95 85.3 66.9 100.3
174 111.3 86.6 130.0





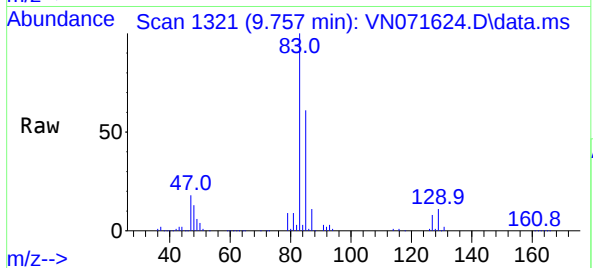
#47
Bromodichloromethane
Concen: 51.079 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



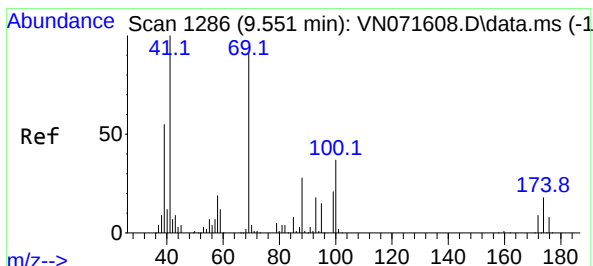
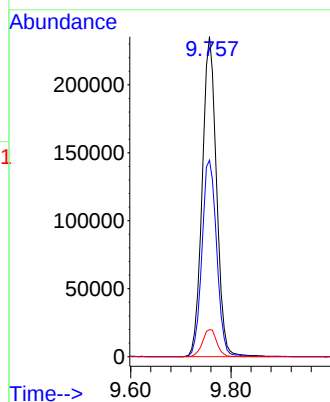
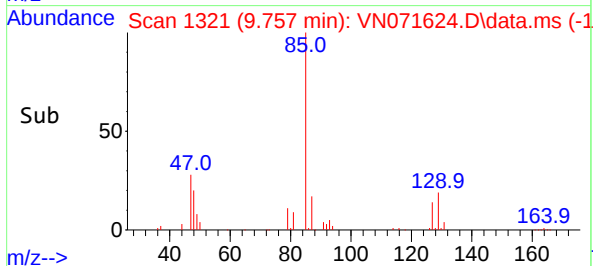
Tgt Ion: 83 Resp: 466004
Ion Ratio Lower Upper
83 100
85 61.4 50.5 75.7
127 8.5 6.8 10.2

Manual Integrations

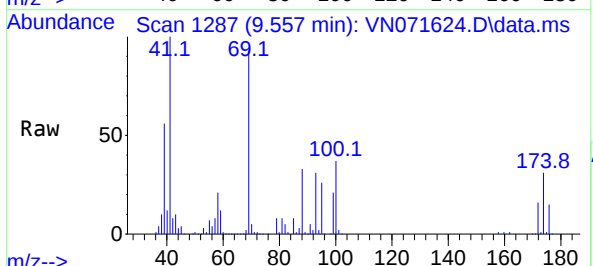
APPROVED

Reviewed By :John Carlone 03/29/2022

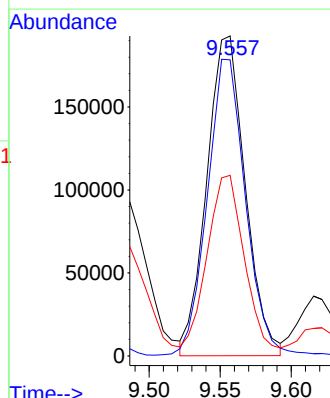
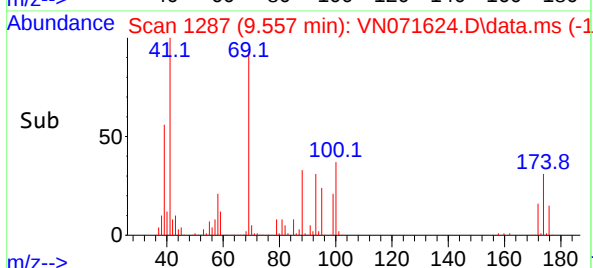
Supervised By :Mahesh Dadoda 03/30/2022

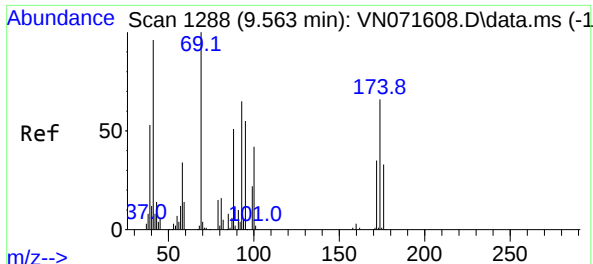


#48
Methyl methacrylate
Concen: 51.397 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57



Tgt Ion: 41 Resp: 362058
Ion Ratio Lower Upper
41 100
69 92.6 74.7 112.1
39 55.8 45.6 68.4





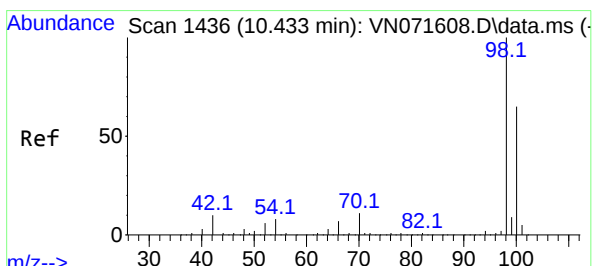
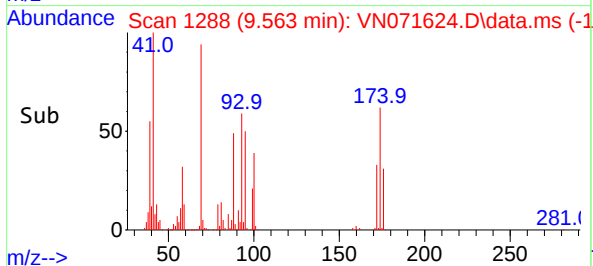
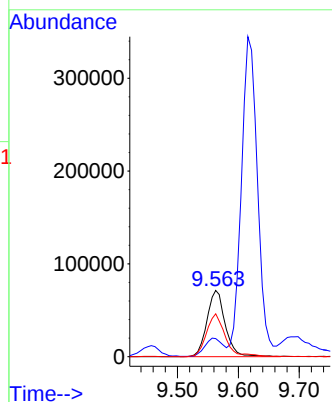
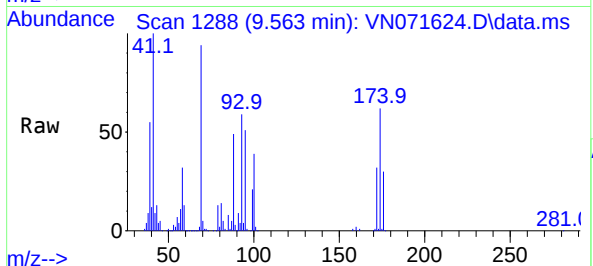
#49
1,4-Dioxane
Concen: 958.386 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 14864
Ion Ratio Lower Upper
88 100
43 26.8 20.2 30.4
58 66.8 54.2 81.4

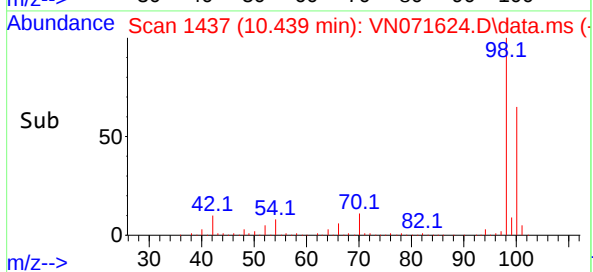
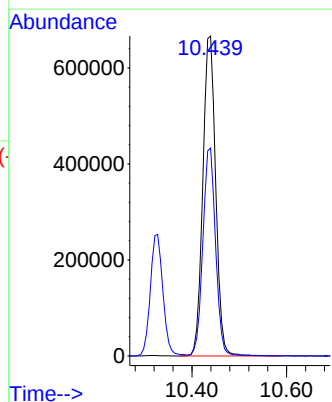
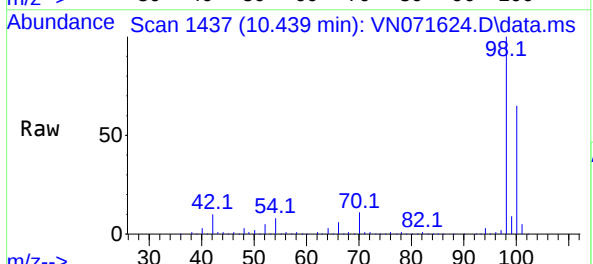
Manual Integrations
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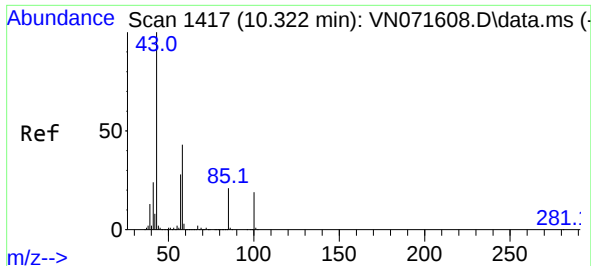
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#50
Toluene-d8
Concen: 48.942 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

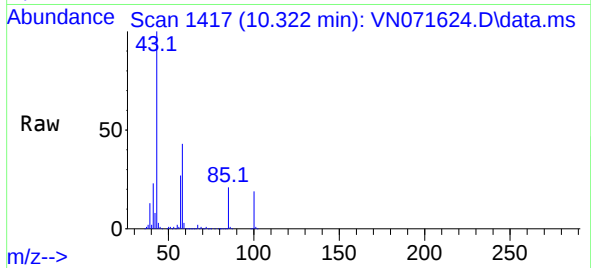
Tgt Ion: 98 Resp: 1256129
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 256.527 ug/l
RT: 10.322 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

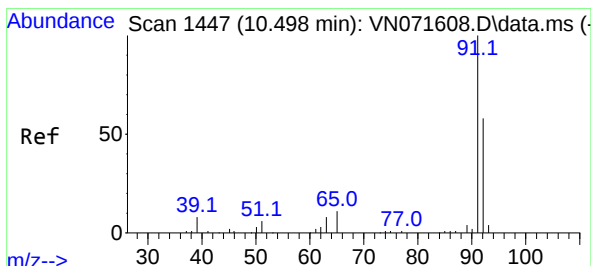
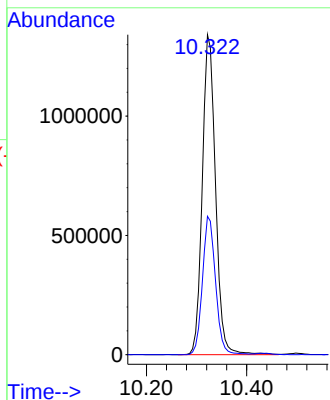
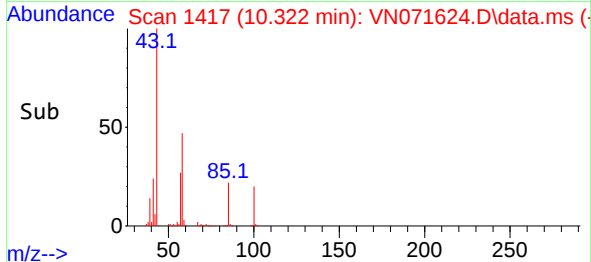
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



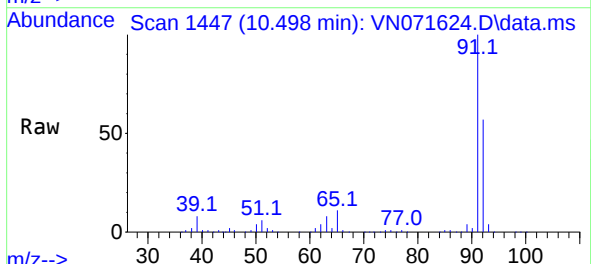
Tgt Ion: 43 Resp: 246012
Ion Ratio Lower Upper
43 100
58 42.8 34.1 51.1

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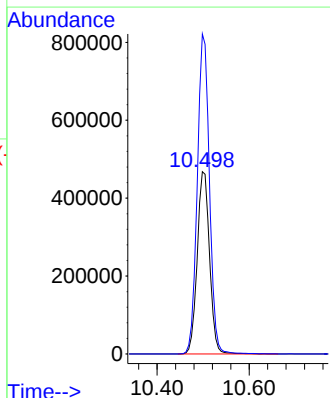
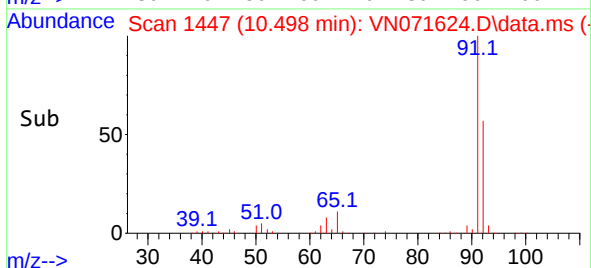
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

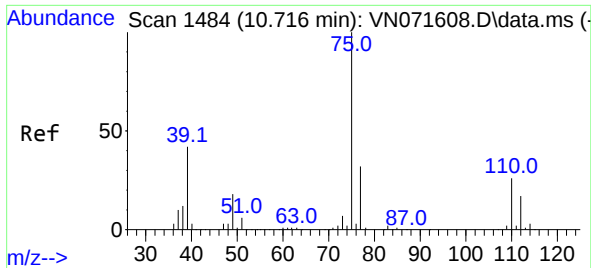


#52
Toluene
Concen: 49.331 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57



Tgt Ion: 92 Resp: 871242
Ion Ratio Lower Upper
92 100
91 172.7 138.6 207.8





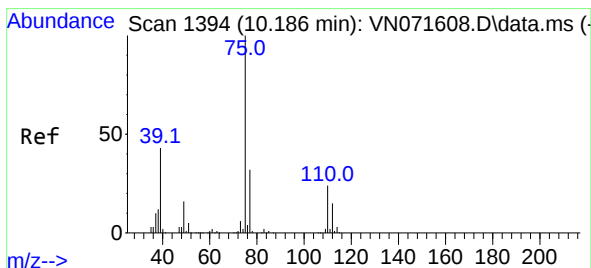
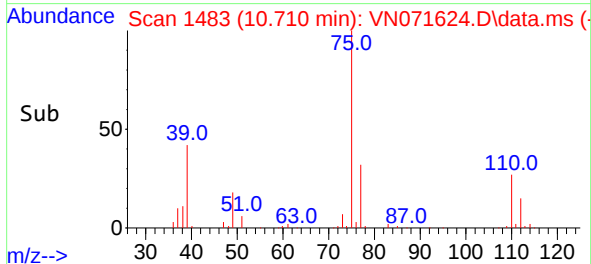
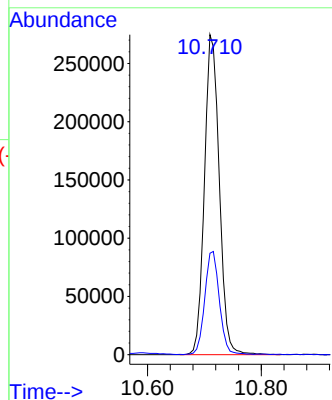
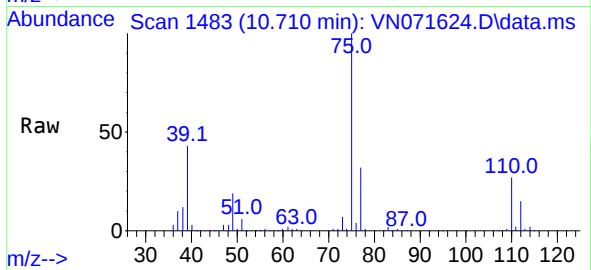
#53
t-1,3-Dichloropropene
Concen: 50.125 ug/l
RT: 10.710 min Scan# 1483
Delta R.T. -0.006 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 49713
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4

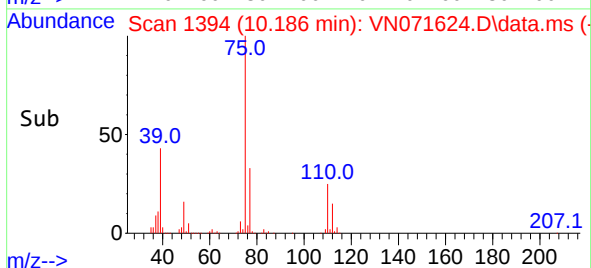
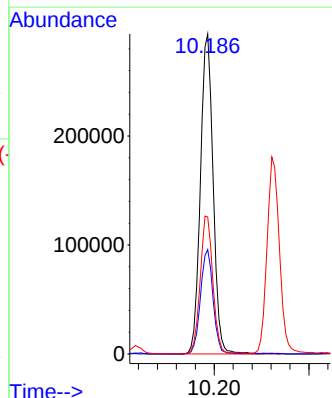
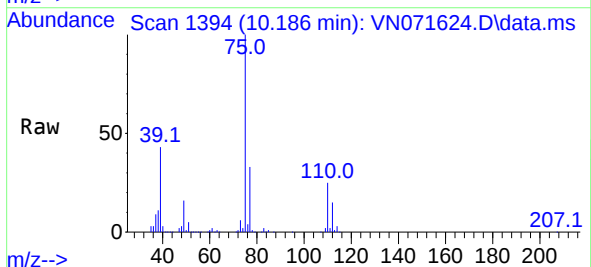
Manual Integrations
APPROVED

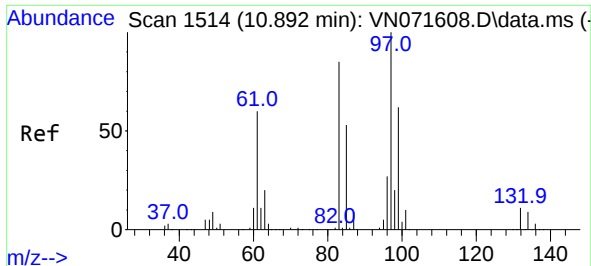
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#54
cis-1,3-Dichloropropene
Concen: 50.708 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

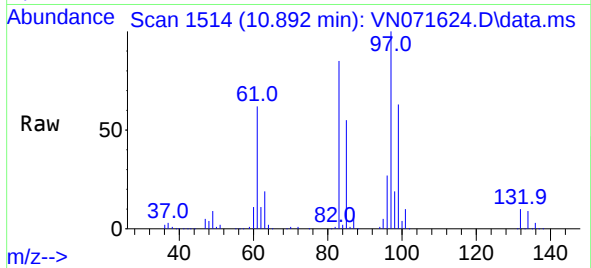
Tgt Ion: 75 Resp: 547156
Ion Ratio Lower Upper
75 100
77 32.6 25.2 37.8
39 42.8 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 49.446 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

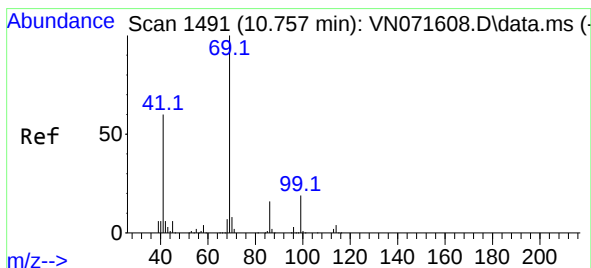
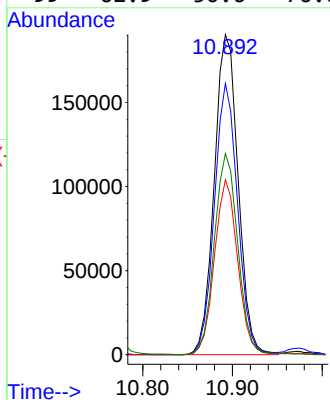
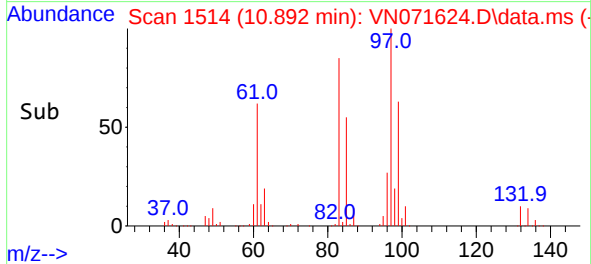


Tgt Ion: 97 Resp: 351664

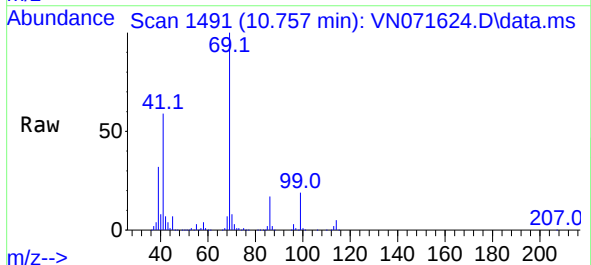
Ion	Ratio	Lower	Upper
97	100		
83	84.8	66.2	99.4
85	54.7	43.9	65.9
99	62.9	50.6	76.0

Manual Integrations
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Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

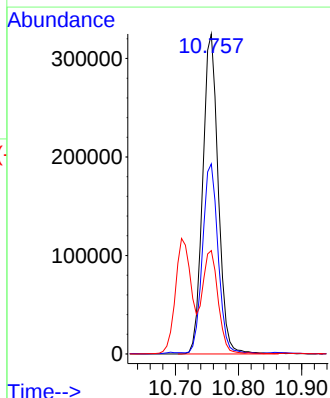
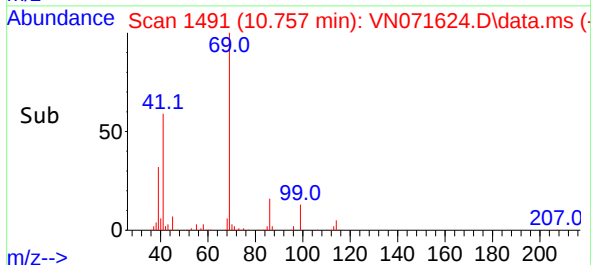


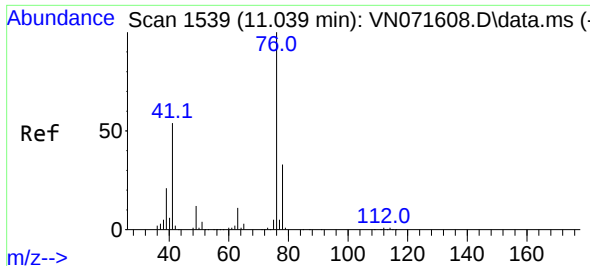
#56
Ethyl methacrylate
Concen: 52.183 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57



Tgt Ion: 69 Resp: 554581

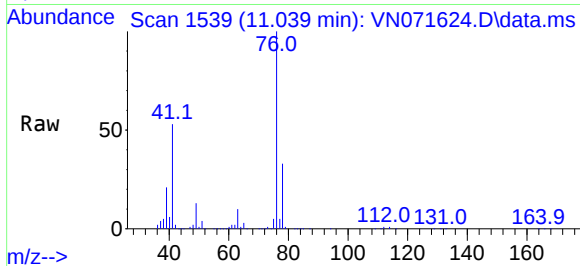
Ion	Ratio	Lower	Upper
69	100		
41	59.6	47.8	71.6
39	32.5	27.3	40.9





#57
1,3-Dichloropropane
Concen: 49.892 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

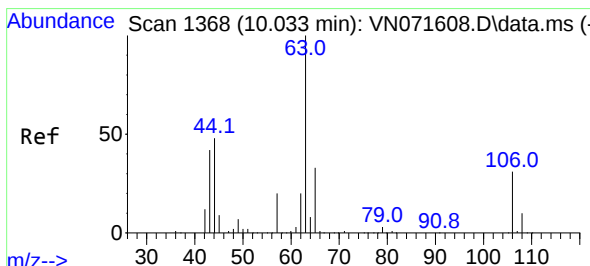
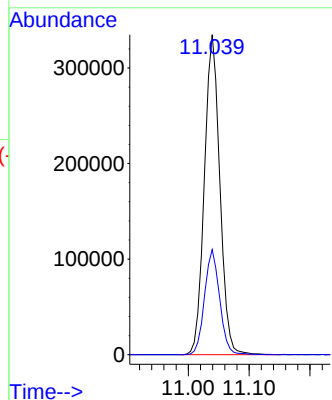
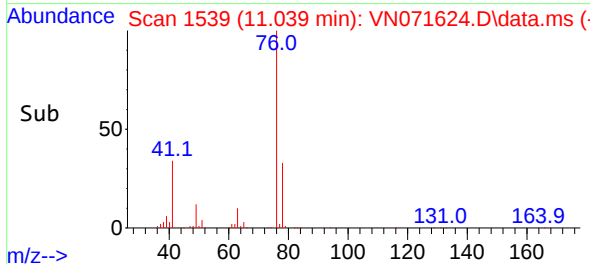
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



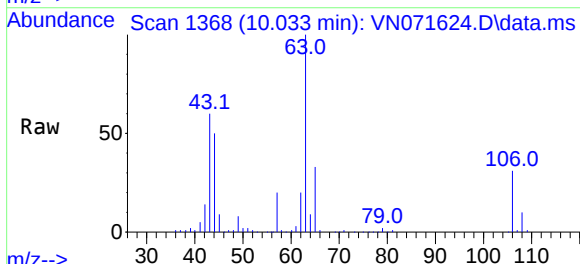
Tgt Ion: 76 Resp: 592370
Ion Ratio Lower Upper
76 100
78 32.1 26.2 39.2

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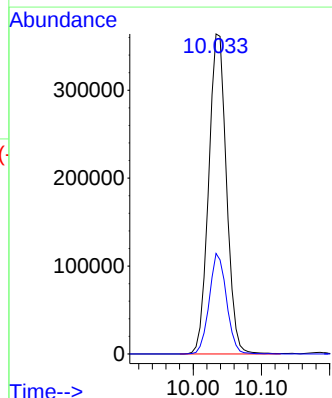
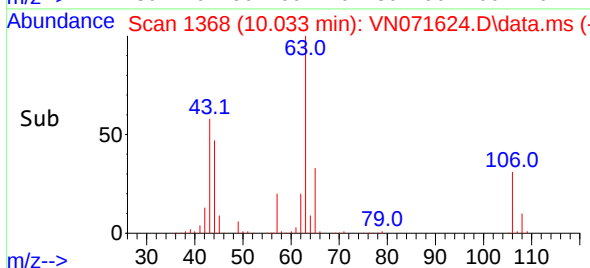
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

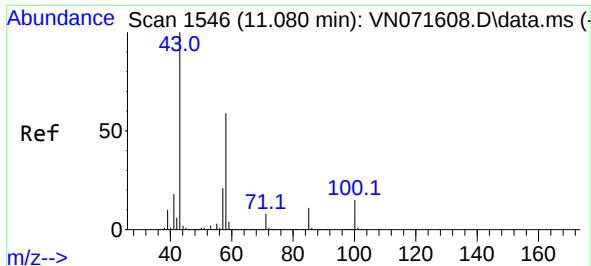


#58
2-Chloroethyl Vinyl ether
Concen: 205.901 ug/l
RT: 10.033 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57



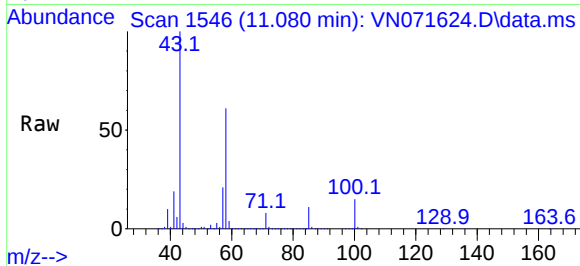
Tgt Ion: 63 Resp: 661391
Ion Ratio Lower Upper
63 100
106 30.4 24.6 36.8





#59
2-Hexanone
Concen: 258.757 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

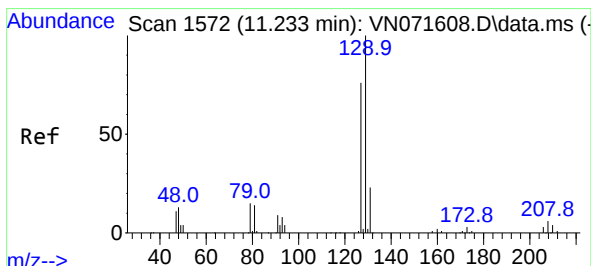
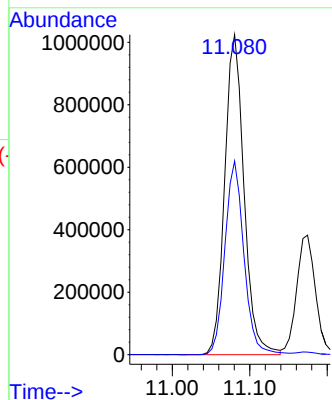
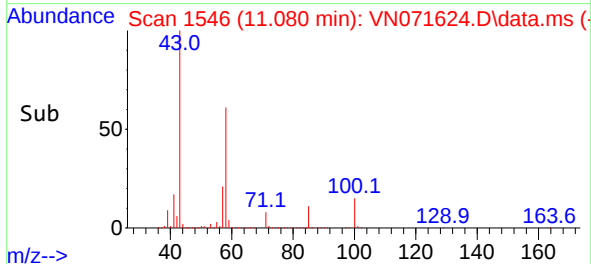
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



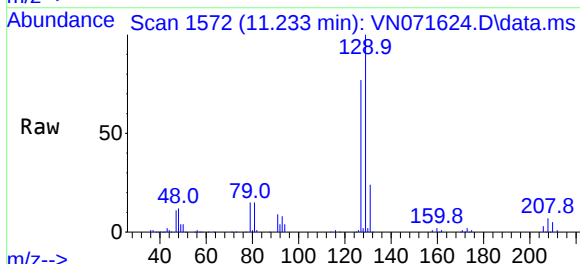
Tgt Ion: 43 Resp: 1775260
Ion Ratio Lower Upper
43 100
58 59.7 29.7 89.1

Manual Integrations
APPROVED

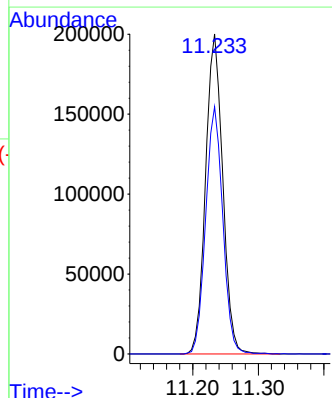
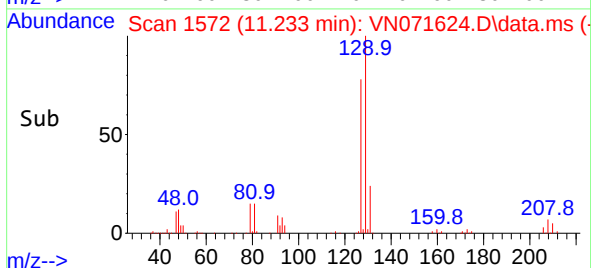
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

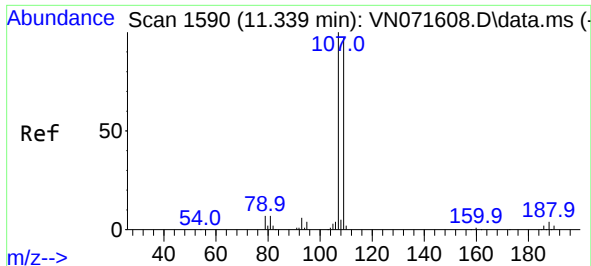


#60
Dibromochloromethane
Concen: 51.004 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57



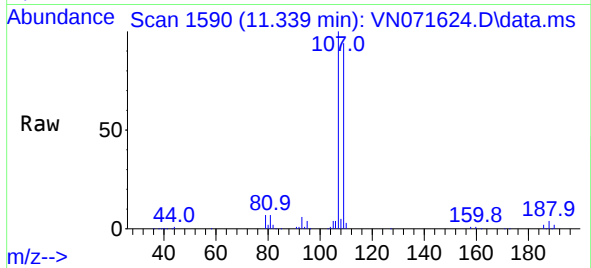
Tgt Ion:129 Resp: 363761
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.4





#61
1,2-Dibromoethane
Concen: 49.989 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

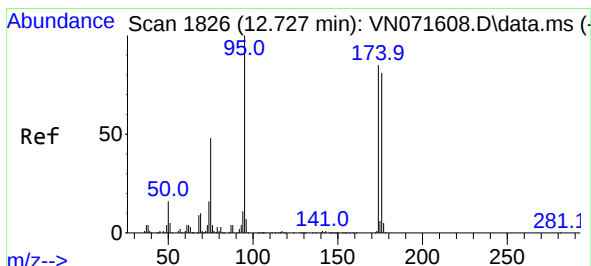
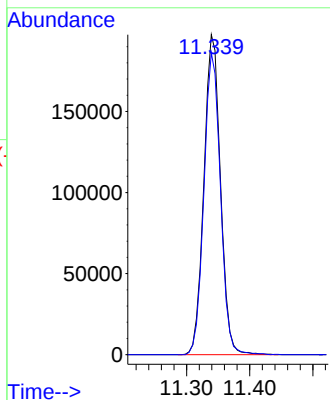
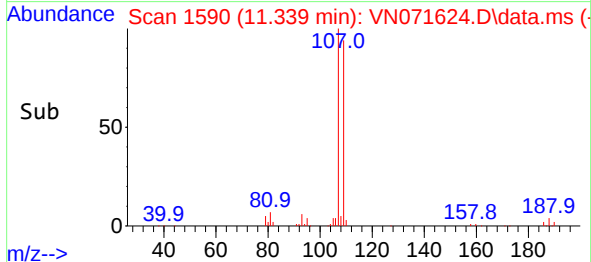
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



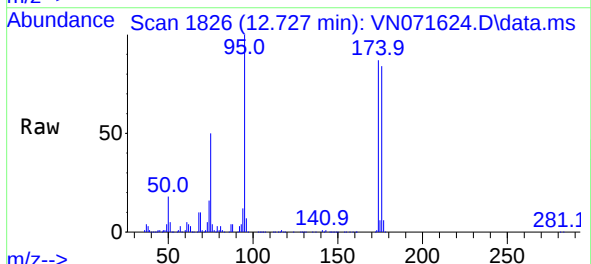
Tgt Ion:107 Resp: 359927
Ion Ratio Lower Upper
107 100
109 94.1 75.0 112.6

Manual Integrations
APPROVED

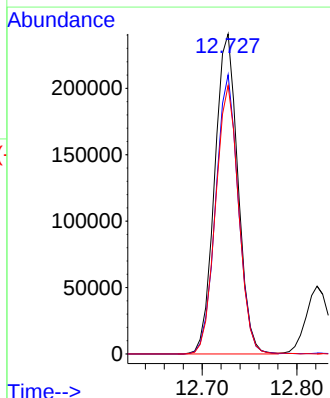
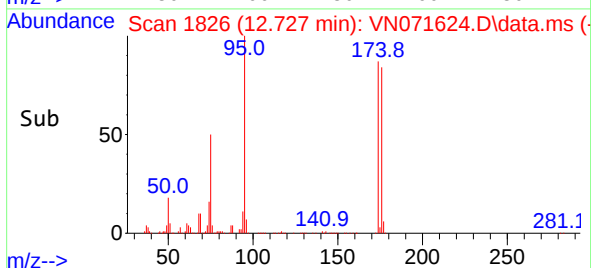
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

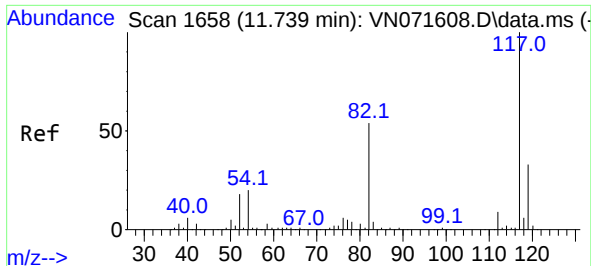


#62
4-Bromofluorobenzene
Concen: 49.033 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57



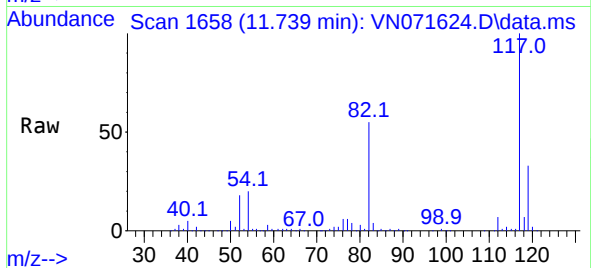
Tgt Ion: 95 Resp: 410541
Ion Ratio Lower Upper
95 100
174 84.8 0.0 167.6
176 83.0 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

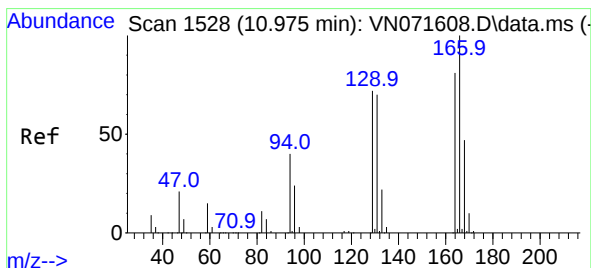
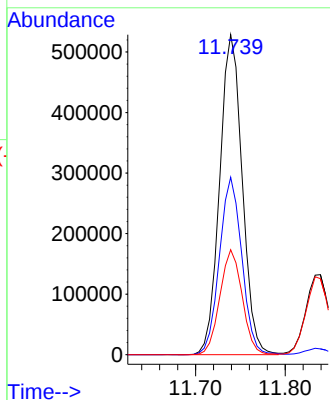
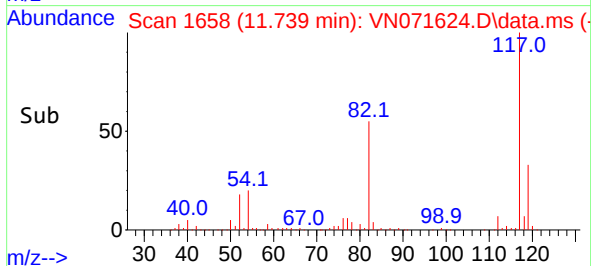
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



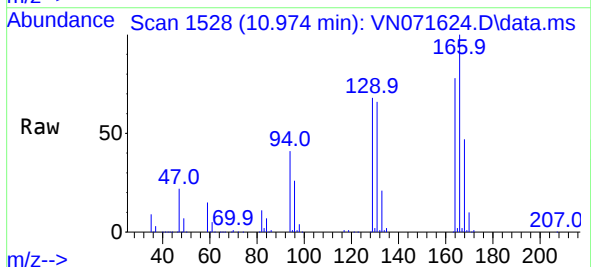
Tgt Ion:117 Resp: 923679
Ion Ratio Lower Upper
117 100
82 55.4 44.2 66.2
119 32.8 25.4 38.0

Manual Integrations
APPROVED

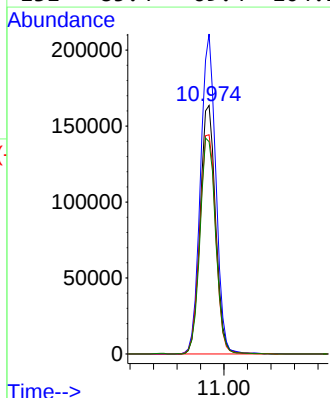
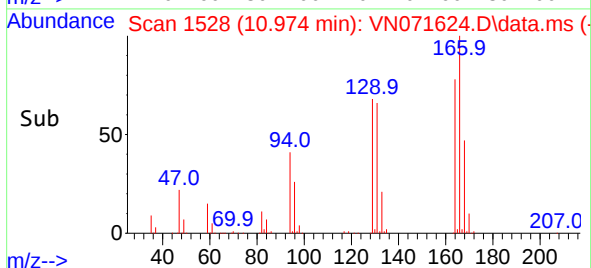
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

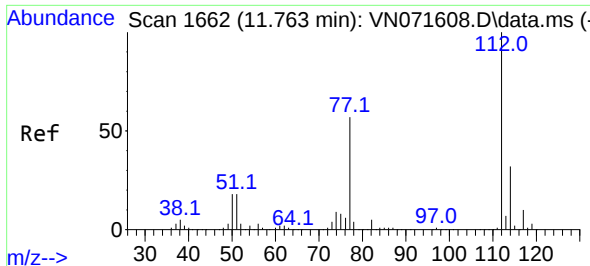


#64
Tetrachloroethene
Concen: 46.742 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57



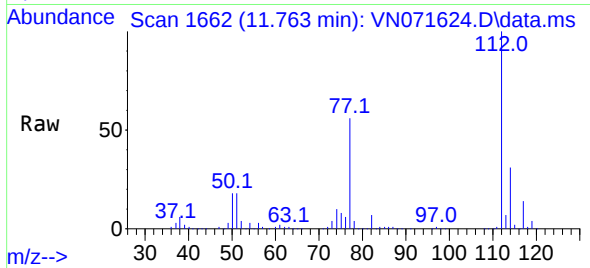
Tgt Ion:164 Resp: 298809
Ion Ratio Lower Upper
164 100
166 128.7 104.2 156.2
129 88.2 73.9 110.9
131 85.4 69.4 104.2





#65
Chlorobenzene
Concen: 48.597 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

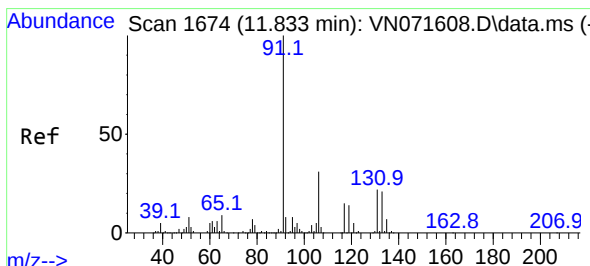
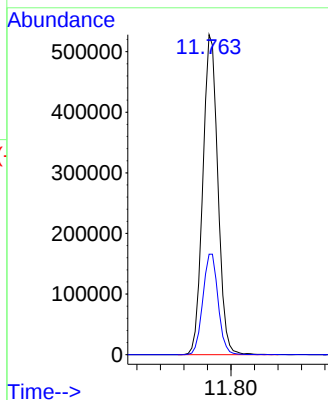
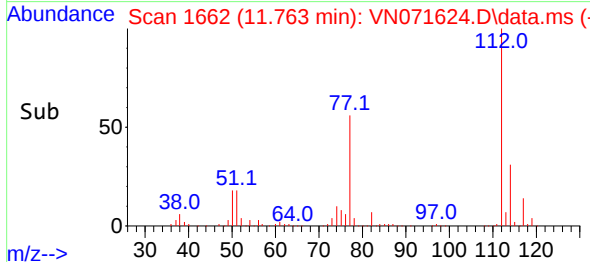
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



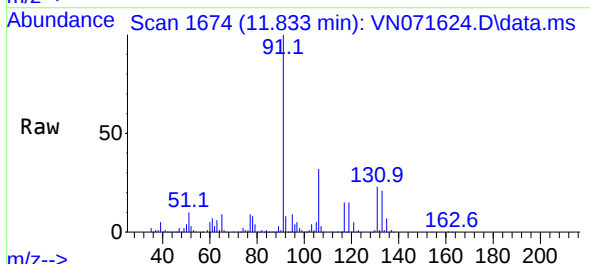
Tgt Ion:112 Resp: 93664
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.2

Manual Integrations
APPROVED

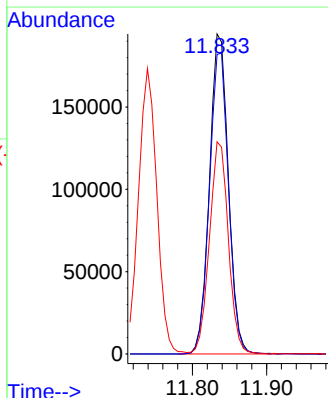
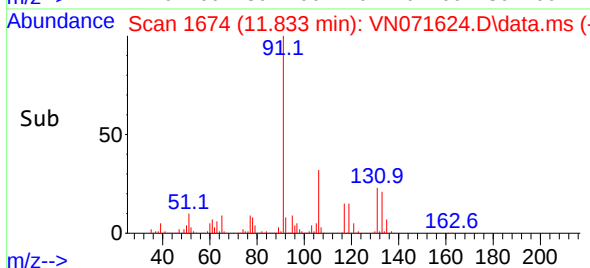
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

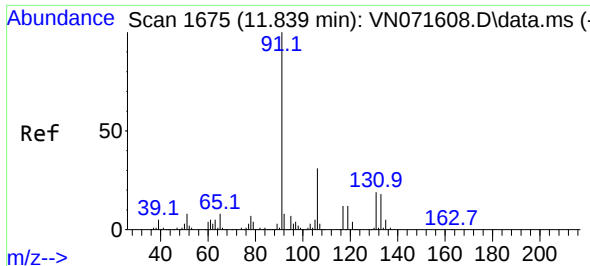


#66
1,1,1,2-Tetrachloroethane
Concen: 49.815 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57



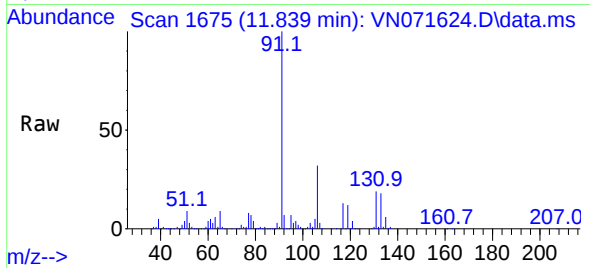
Tgt Ion:131 Resp: 344572
Ion Ratio Lower Upper
131 100
133 94.8 47.8 143.4
119 66.3 33.4 100.2





#67
Ethyl Benzene
Concen: 49.781 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

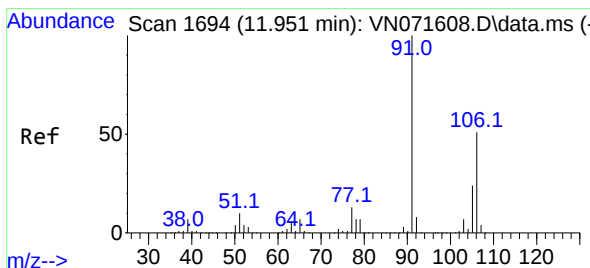
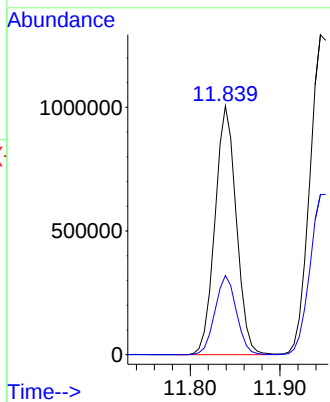
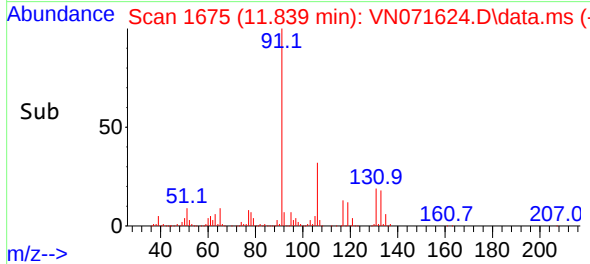
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



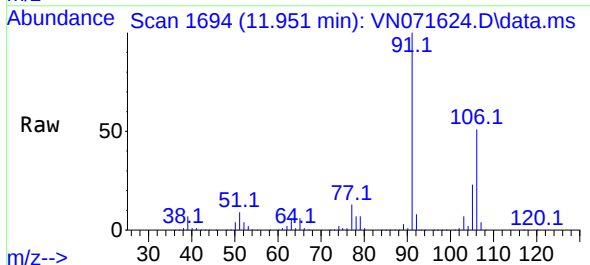
Tgt Ion: 91 Resp: 1656548
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3

Manual Integrations
APPROVED

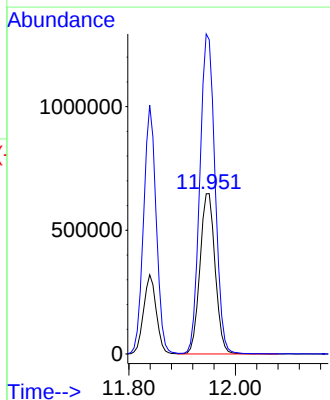
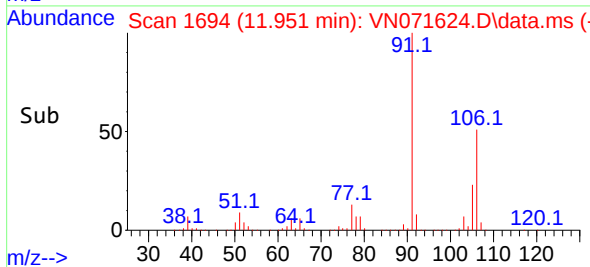
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

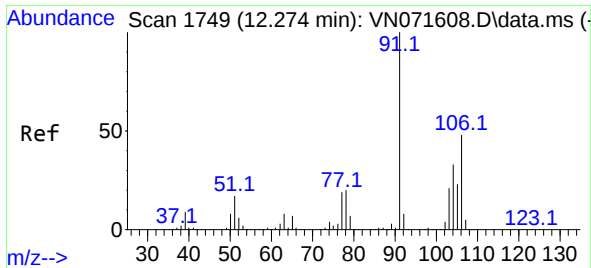


#68
m/p-Xylenes
Concen: 101.455 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57



Tgt Ion:106 Resp: 1282541
Ion Ratio Lower Upper
106 100
91 198.9 158.9 238.3





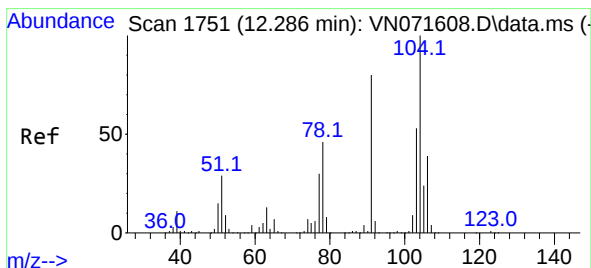
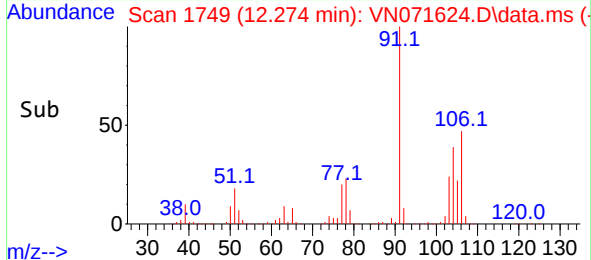
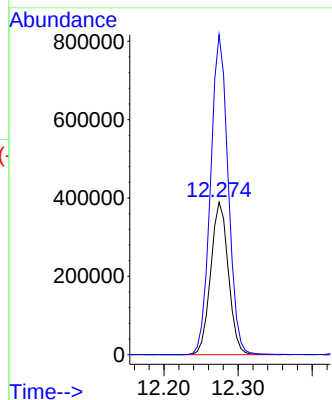
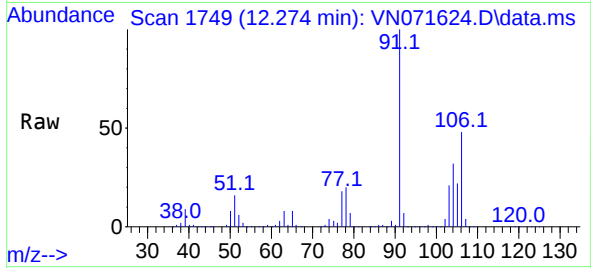
#69
o-Xylene
Concen: 50.692 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 643872
Ion Ratio Lower Upper
106 100
91 209.9 106.0 318.0

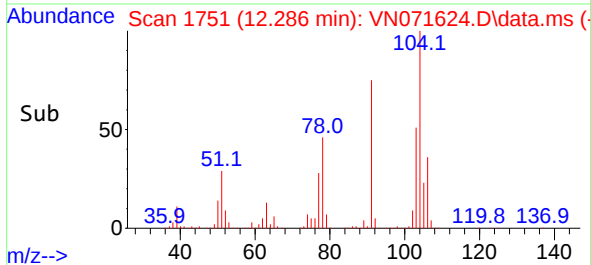
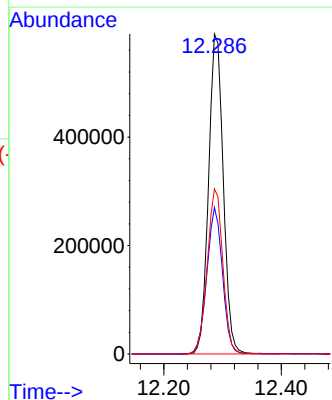
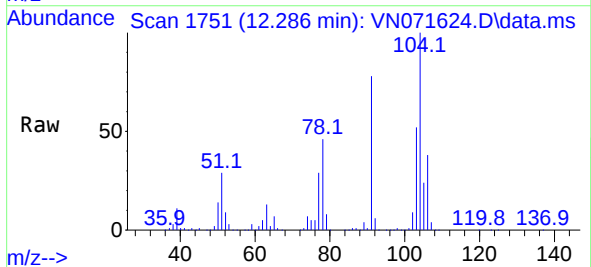
Manual Integrations
APPROVED

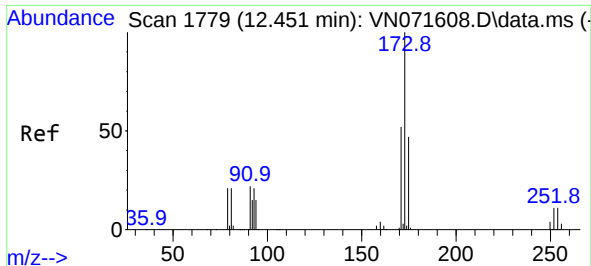
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#70
Styrene
Concen: 52.947 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

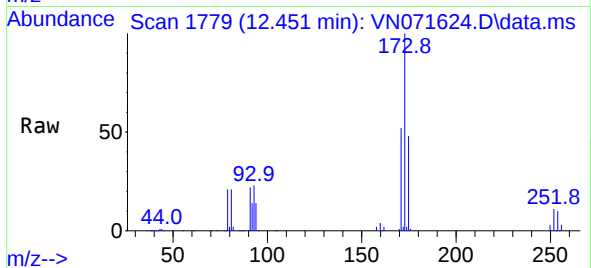
Tgt Ion:104 Resp: 1026727
Ion Ratio Lower Upper
104 100
78 48.5 39.5 59.3
103 54.7 44.0 66.0





#71
Bromoform
Concen: 51.706 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

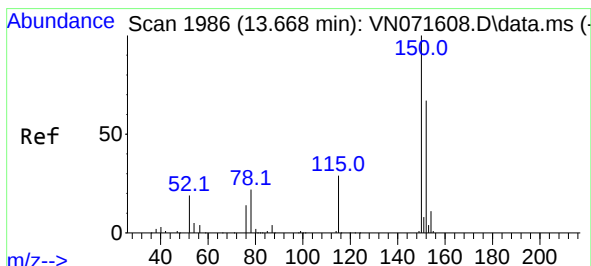
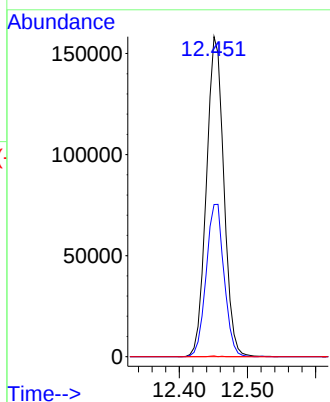
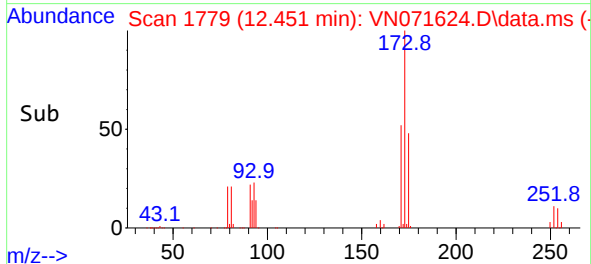
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



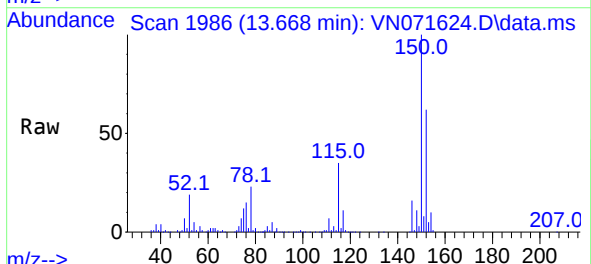
Tgt Ion:173 Resp: 28148
Ion Ratio Lower Upper
173 100
175 48.9 24.6 73.6
254 0.1 0.1 0.1

Manual Integrations
APPROVED

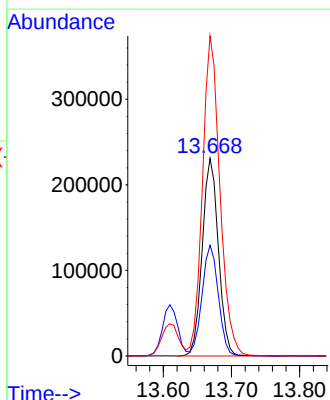
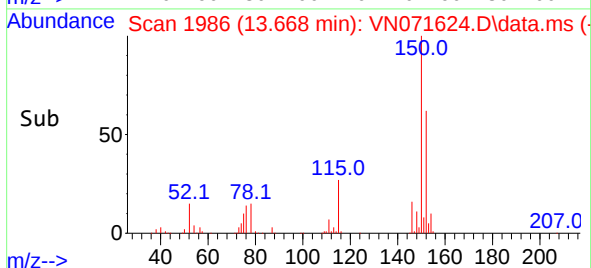
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

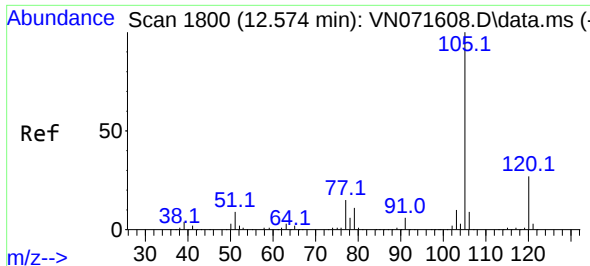


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57



Tgt Ion:152 Resp: 381072
Ion Ratio Lower Upper
152 100
115 56.3 28.9 86.7
150 174.9 0.0 356.2





#73
Isopropylbenzene
Concen: 49.132 ug/l
RT: 12.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

Instrument :

MSVOA_N

ClientSampleId :

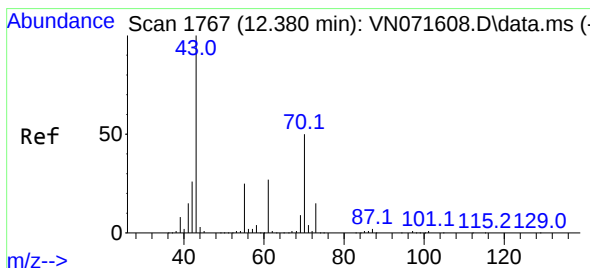
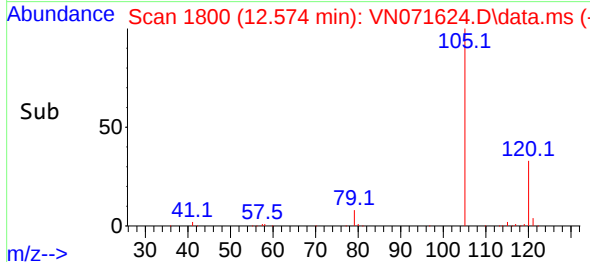
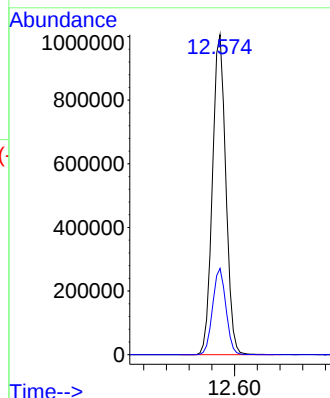
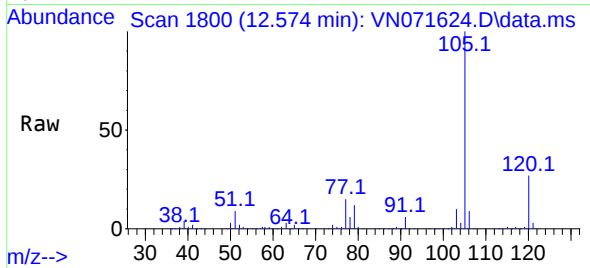
VSTDCCC050EC

Tgt Ion:105 Resp: 1637669
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.4

Manual Integrations

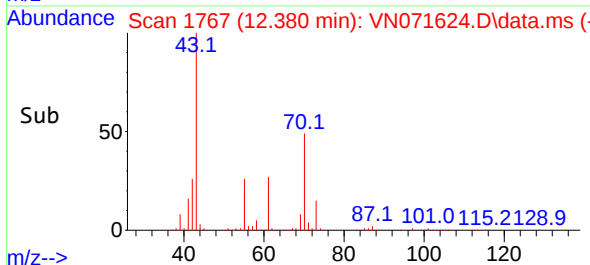
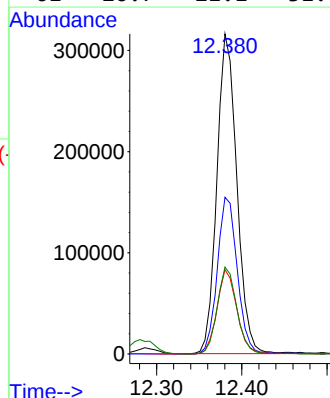
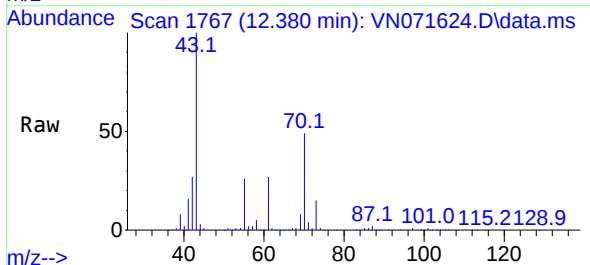
APPROVED

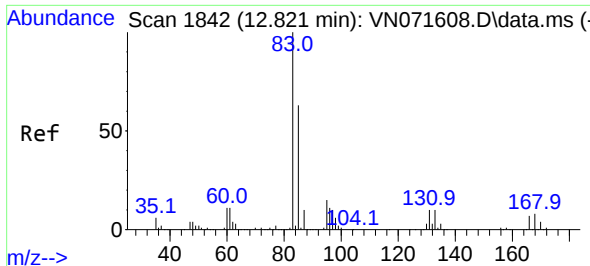
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#74
N-ethyl acetate
Concen: 50.825 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

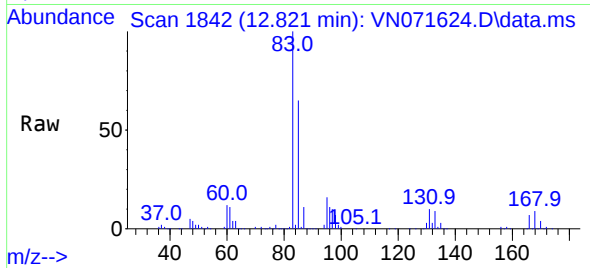
Tgt Ion: 43 Resp: 514331
Ion Ratio Lower Upper
43 100
70 49.5 39.0 58.4
55 26.4 21.1 31.7
61 26.7 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 47.552 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

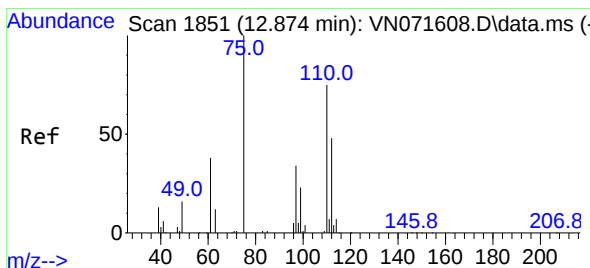
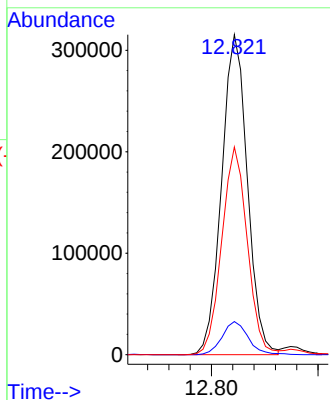
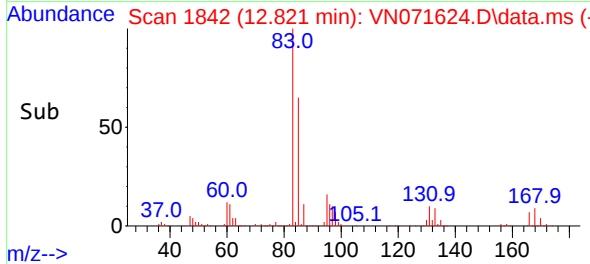
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



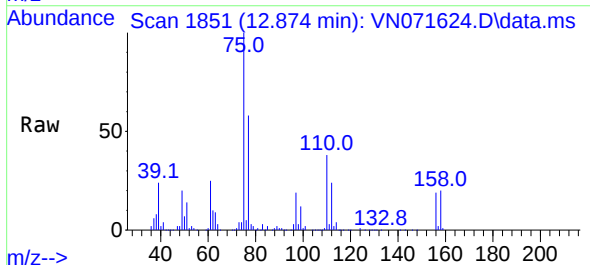
Tgt Ion: 83 Resp: 53054
Ion Ratio Lower Upper
83 100
131 10.5 5.3 15.9
85 64.0 32.3 96.9

Manual Integrations
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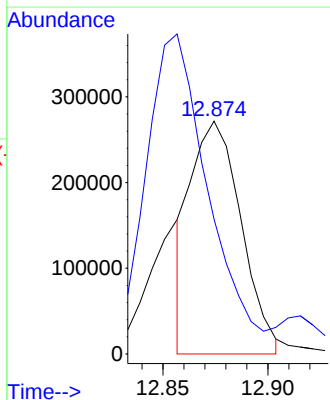
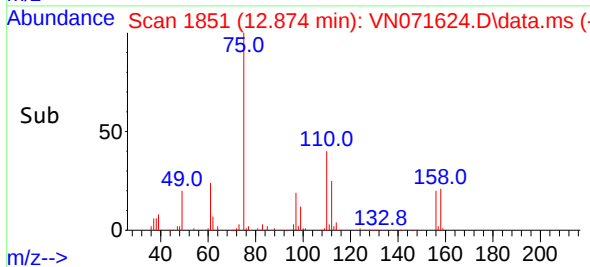
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

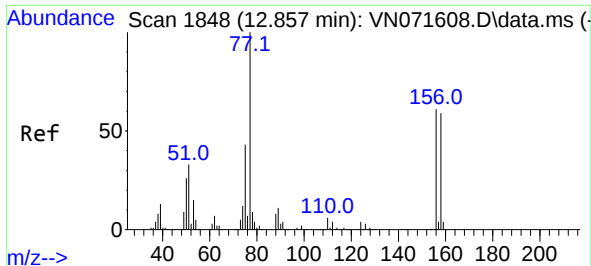


#76
1,2,3-Trichloropropane
Concen: 49.497 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57



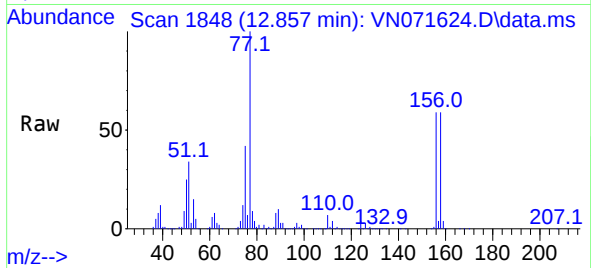
Tgt Ion: 75 Resp: 452897
Ion Ratio Lower Upper
75 100
77 171.3 98.5 295.5





#77
Bromobenzene
Concen: 46.691 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

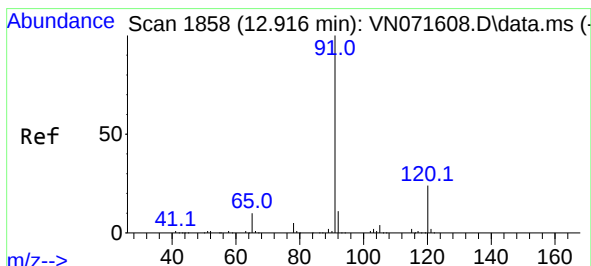
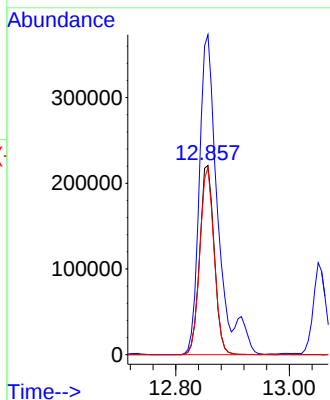
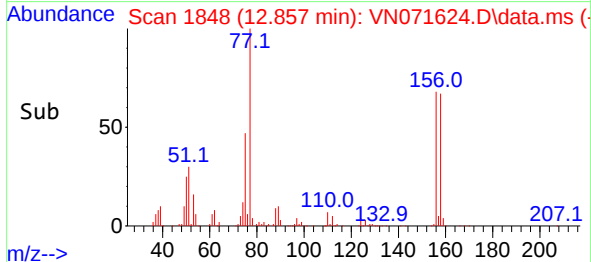
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



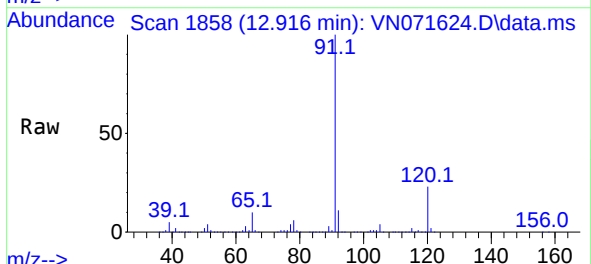
Tgt Ion:156 Resp: 391362
Ion Ratio Lower Upper
156 100
77 198.2 100.5 301.5
158 97.4 48.9 146.6

Manual Integrations
APPROVED

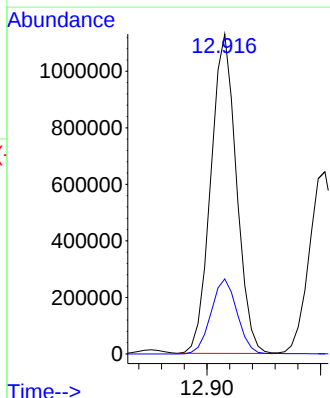
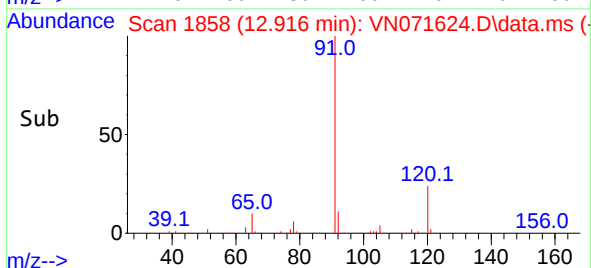
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

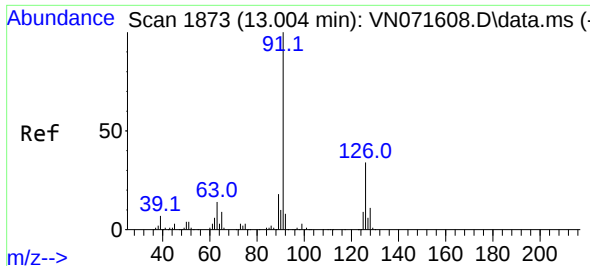


#78
n-propylbenzene
Concen: 49.248 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57



Tgt Ion: 91 Resp: 1769839
Ion Ratio Lower Upper
91 100
120 24.0 11.9 35.5





#79
2-Chlorotoluene
Concen: 48.355 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

Instrument :

MSVOA_N

ClientSampleId :

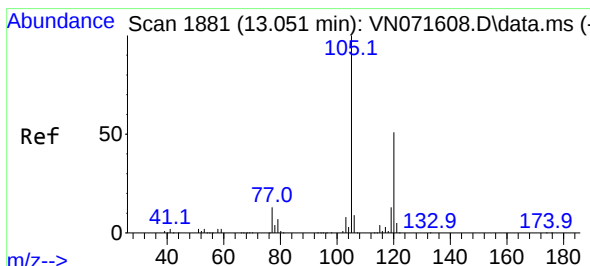
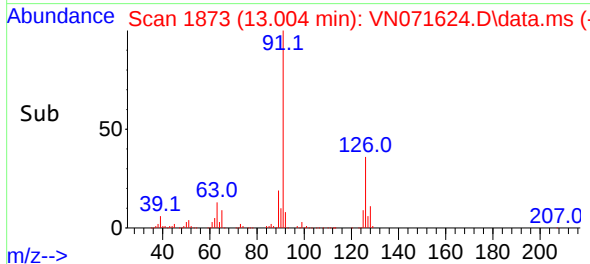
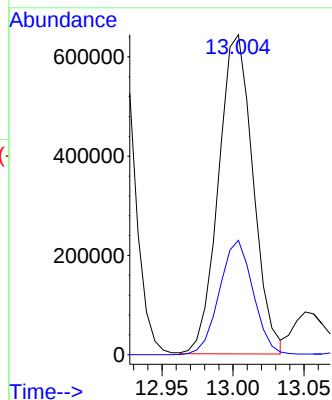
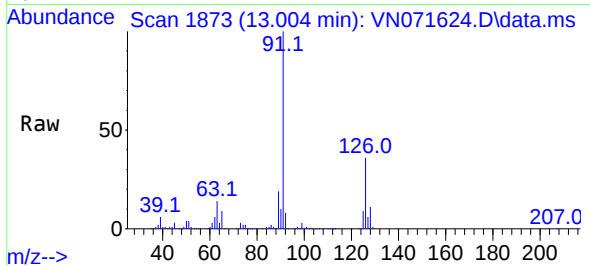
VSTDCCC050EC

Tgt Ion: 91 Resp: 108823
Ion Ratio Lower Upper
91 100
126 35.1 17.3 51.9

Manual Integrations

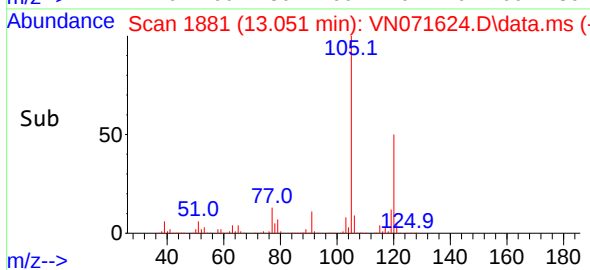
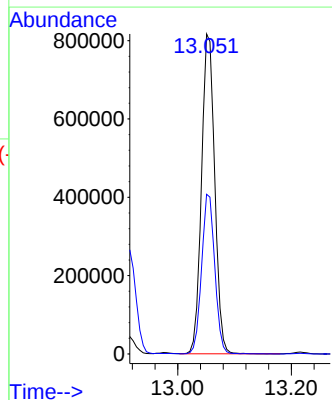
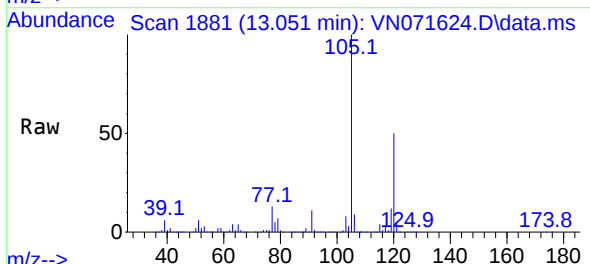
APPROVED

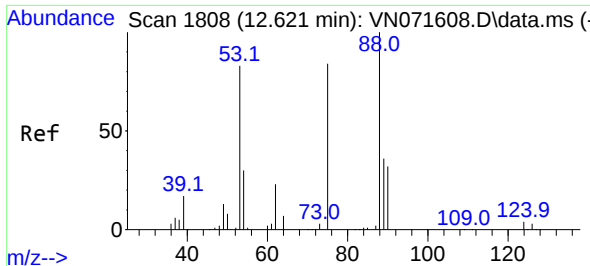
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#80
1,3,5-Trimethylbenzene
Concen: 50.102 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

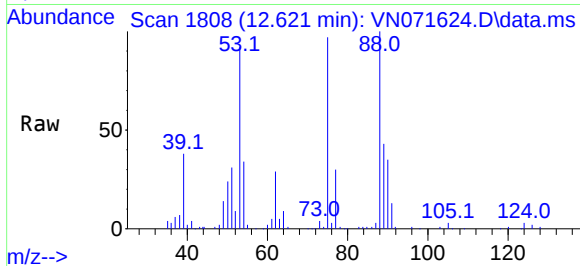
Tgt Ion:105 Resp: 1318383
Ion Ratio Lower Upper
105 100
120 49.9 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 48.000 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

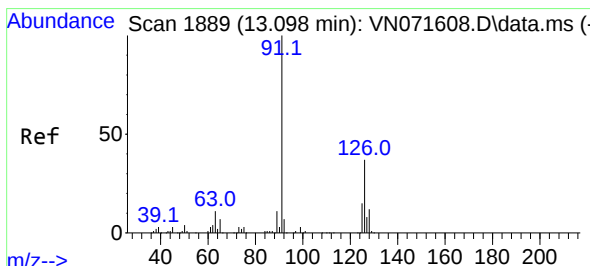
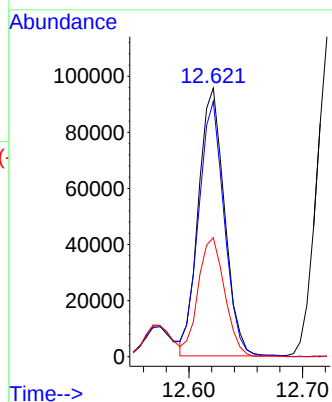
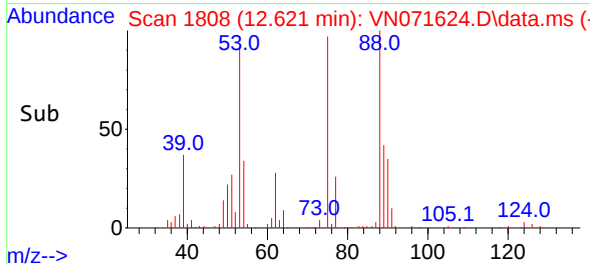
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



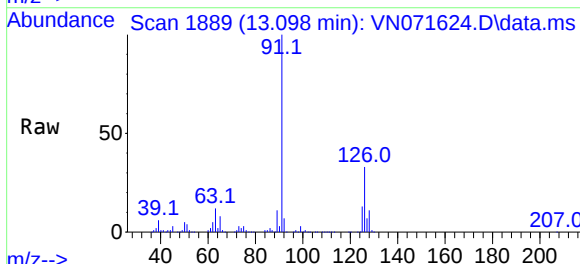
Tgt Ion: 75 Resp: 152160
Ion Ratio Lower Upper
75 100
53 95.7 78.0 117.0
89 45.5 37.2 55.8

Manual Integrations
APPROVED

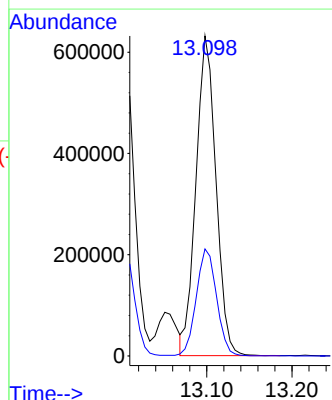
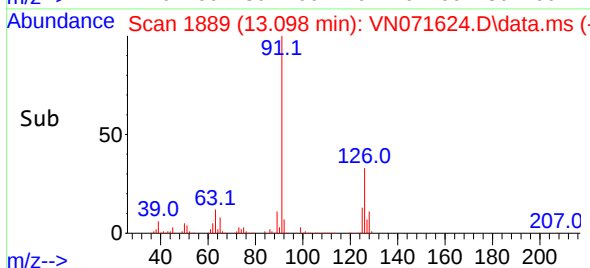
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

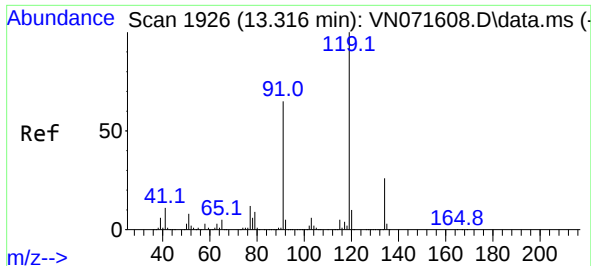


#82
4-Chlorotoluene
Concen: 49.026 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57



Tgt Ion: 91 Resp: 1029106
Ion Ratio Lower Upper
91 100
126 34.2 17.2 51.6





#83
tert-Butylbenzene
Concen: 49.854 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

Instrument :

MSVOA_N

ClientSampleId :

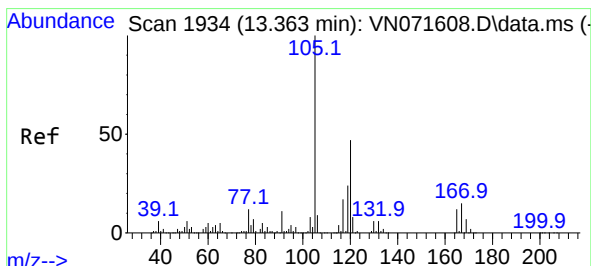
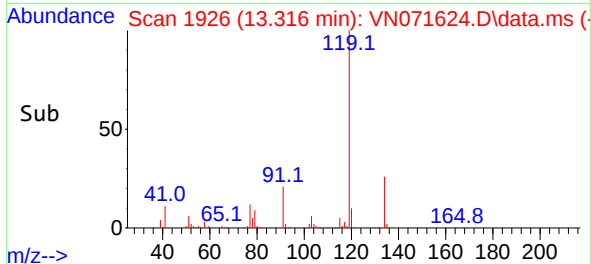
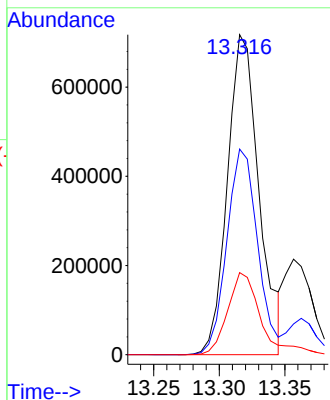
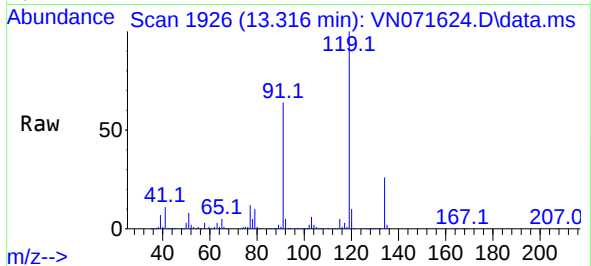
VSTDCCC050EC

Tgt Ion:119 Resp: 120397
Ion Ratio Lower Upper
119 100
91 62.5 31.6 94.8
134 26.9 13.7 41.1

Manual Integrations

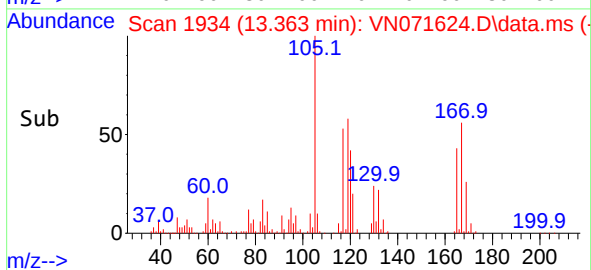
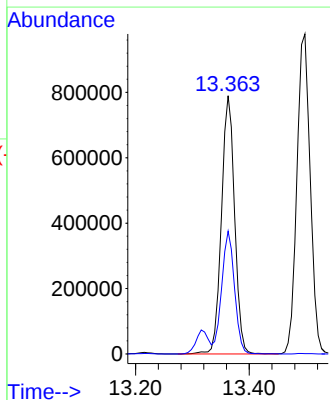
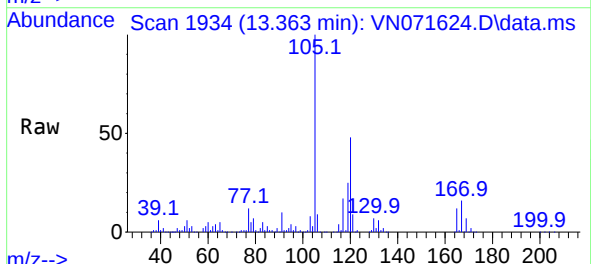
APPROVED

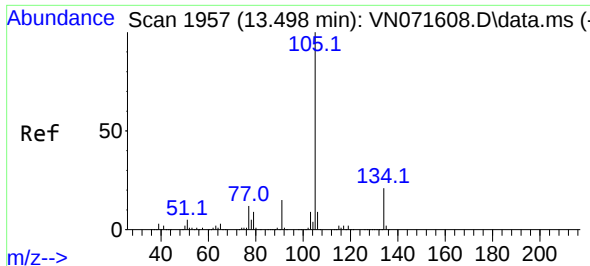
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#84
1,2,4-Trimethylbenzene
Concen: 49.507 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

Tgt Ion:105 Resp: 1275866
Ion Ratio Lower Upper
105 100
120 46.4 23.3 69.8





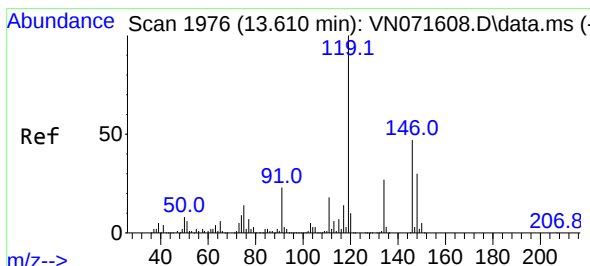
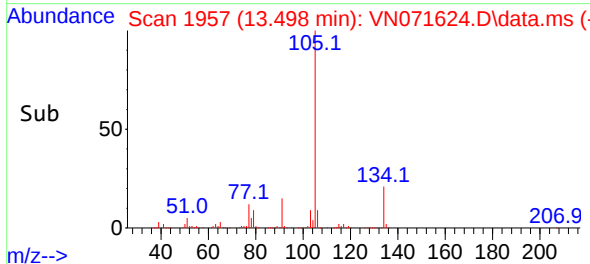
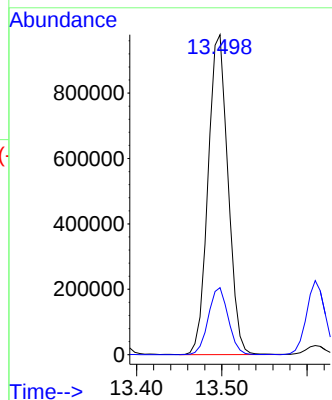
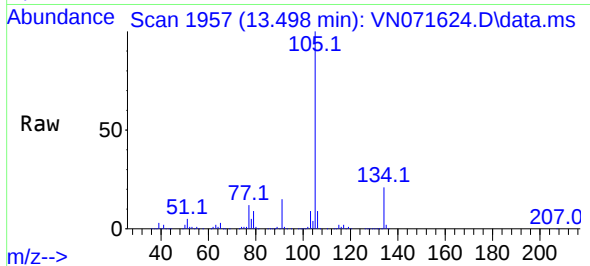
#85
 sec-Butylbenzene
 Concen: 49.788 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071624.D
 Acq: 28 Mar 2022 23:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 158852
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.1

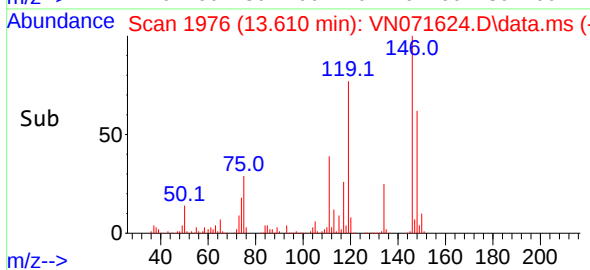
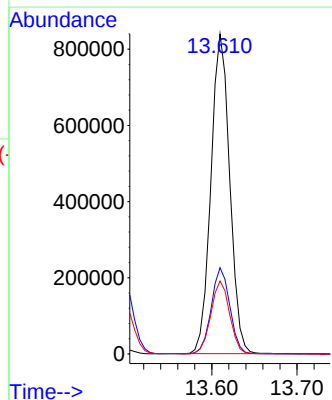
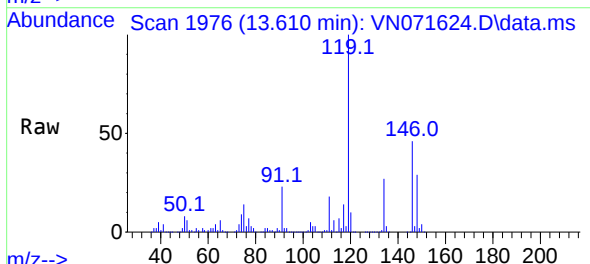
Manual Integrations
 APPROVED

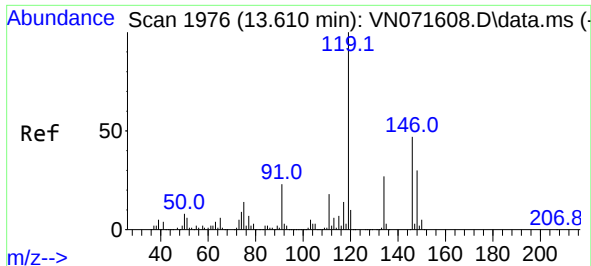
Reviewed By :John Carlone 03/29/2022
 Supervised By :Mahesh Dadoda 03/30/2022



#86
 p-Isopropyltoluene
 Concen: 50.803 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071624.D
 Acq: 28 Mar 2022 23:57

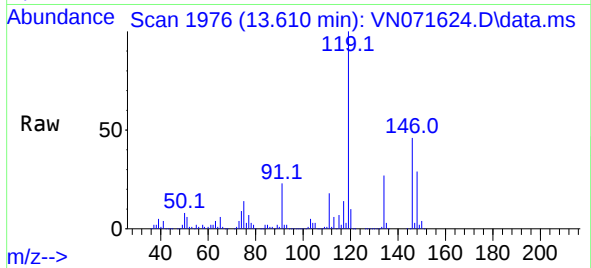
Tgt Ion:119 Resp: 1287915
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.8
 91 23.0 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 47.407 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

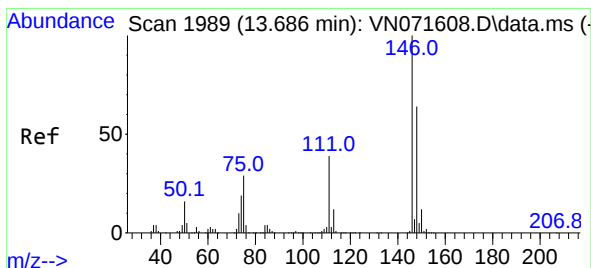
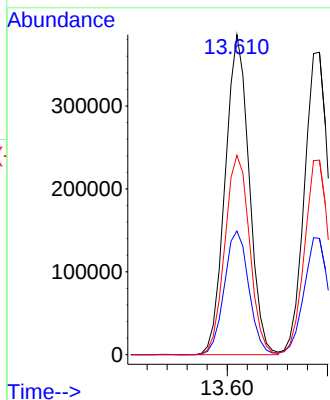
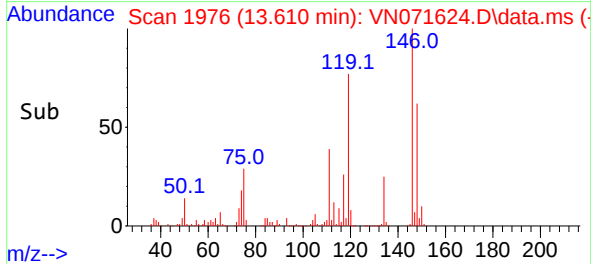
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



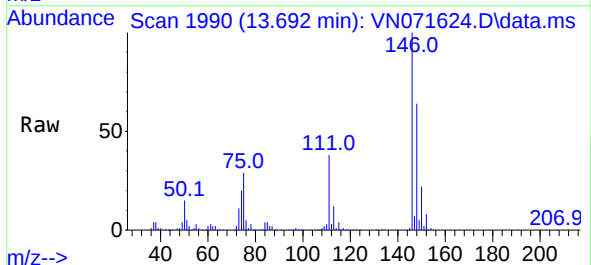
Tgt Ion:146 Resp: 64155
Ion Ratio Lower Upper
146 100
111 39.5 20.0 60.0
148 64.4 32.0 96.0

Manual Integrations
APPROVED

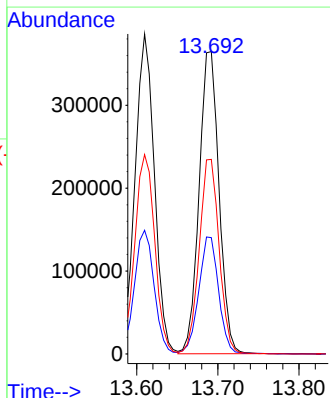
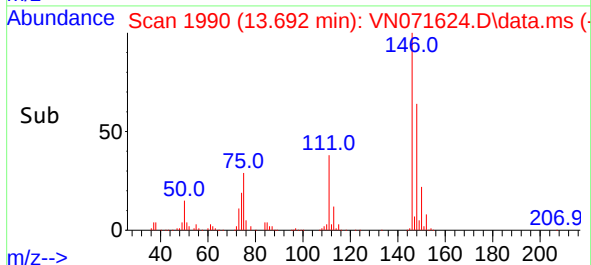
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

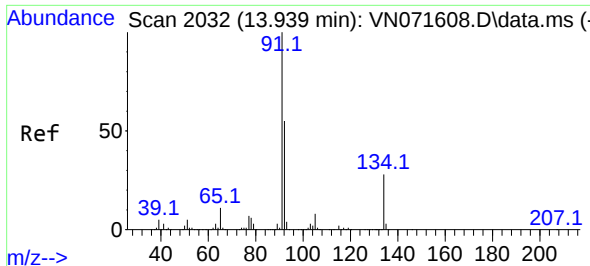


#88
1,4-Dichlorobenzene
Concen: 46.267 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.006 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57



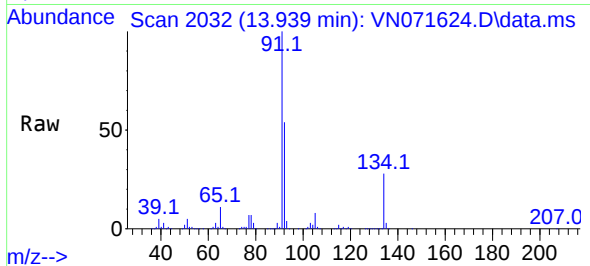
Tgt Ion:146 Resp: 621520
Ion Ratio Lower Upper
146 100
111 38.8 19.1 57.1
148 64.5 31.4 94.3





#89
n-Butylbenzene
Concen: 49.600 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

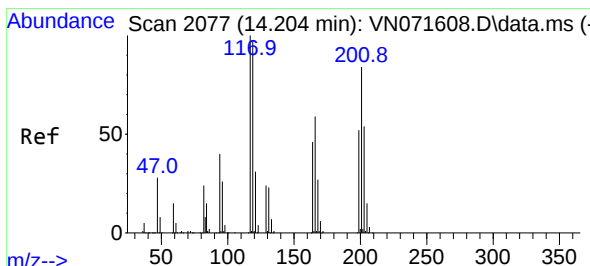
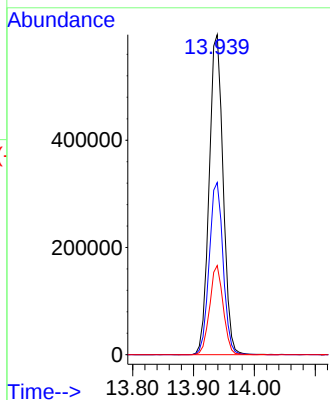
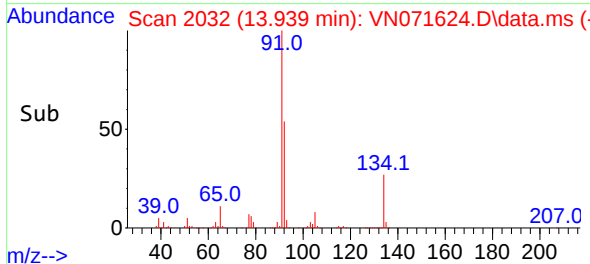
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 950124
Ion Ratio Lower Upper
91 100
92 53.6 26.9 80.7
134 27.0 13.6 40.8

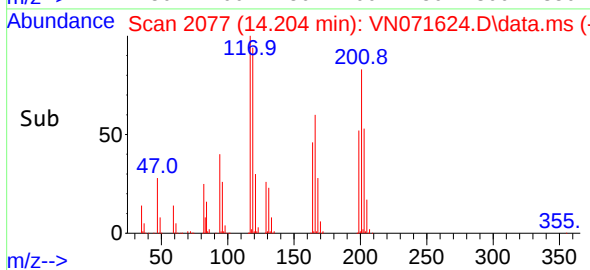
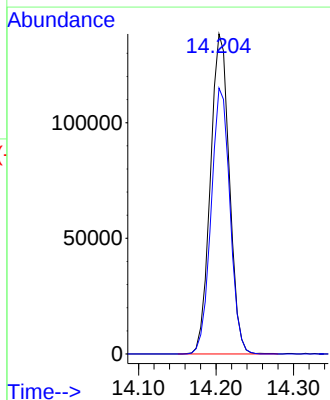
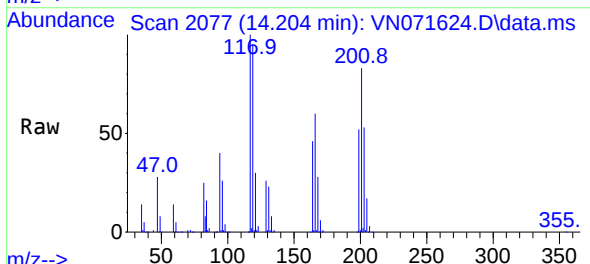
Manual Integrations
APPROVED

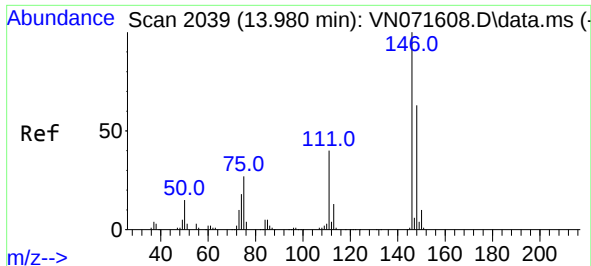
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#90
Hexachloroethane
Concen: 49.478 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

Tgt Ion:117 Resp: 235534
Ion Ratio Lower Upper
117 100
201 82.3 40.6 122.0





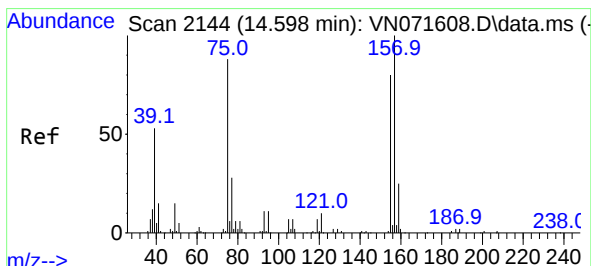
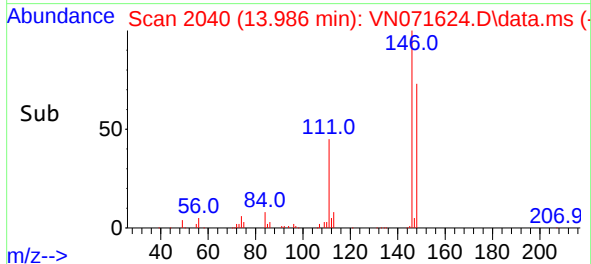
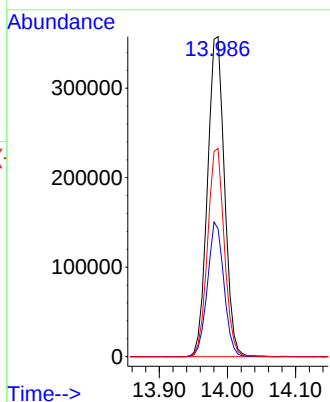
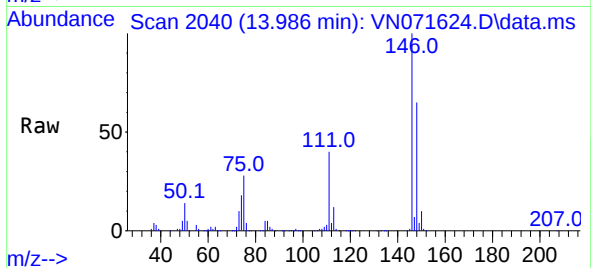
#91
1,2-Dichlorobenzene
Concen: 46.776 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 62011
Ion Ratio Lower Upper
146 100
111 40.7 20.9 62.8
148 64.2 32.1 96.3

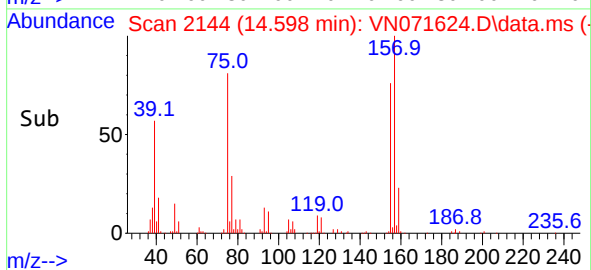
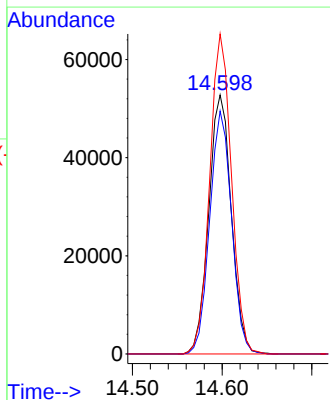
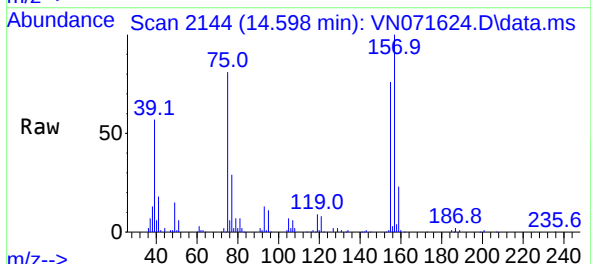
Manual Integrations
APPROVED

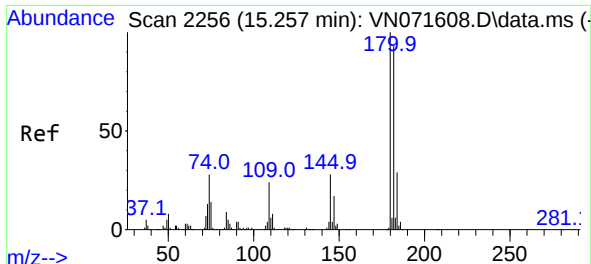
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.999 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

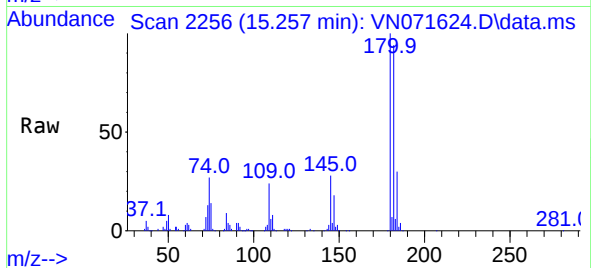
Tgt Ion: 75 Resp: 92579
Ion Ratio Lower Upper
75 100
155 90.4 44.9 134.5
157 118.6 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 49.670 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

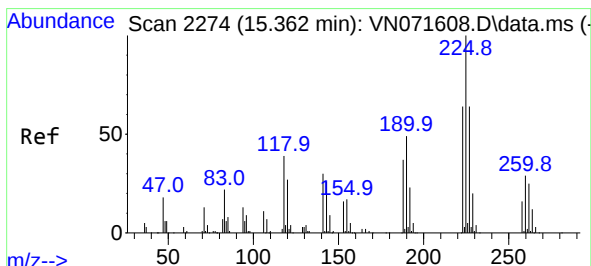
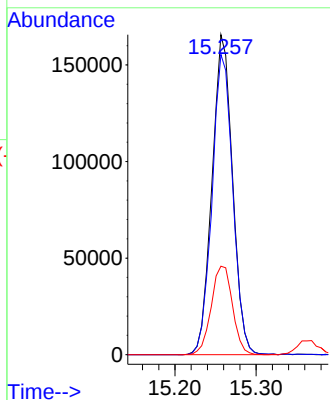
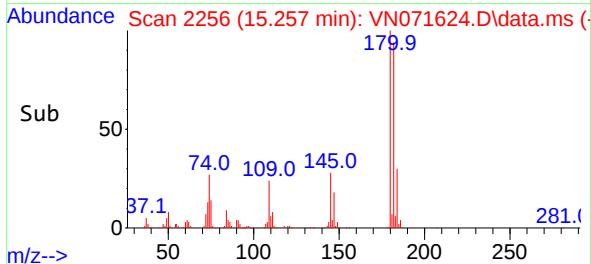
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



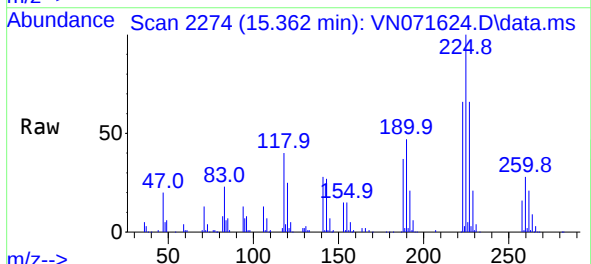
Tgt Ion:180 Resp: 290822
Ion Ratio Lower Upper
180 100
182 94.9 47.5 142.5
145 28.8 14.5 43.5

Manual Integrations
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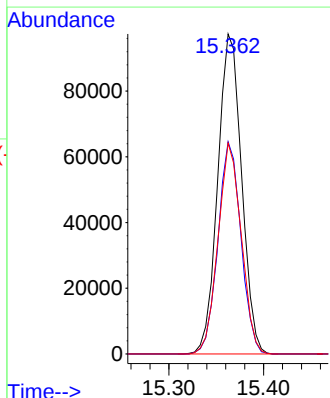
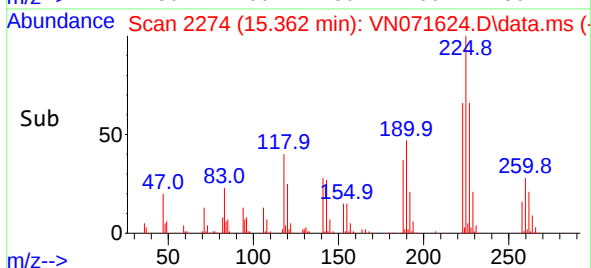
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

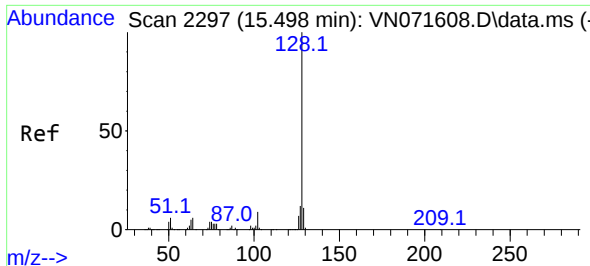


#94
Hexachlorobutadiene
Concen: 46.199 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57



Tgt Ion:225 Resp: 170458
Ion Ratio Lower Upper
225 100
223 63.8 32.4 97.2
227 64.2 31.8 95.4





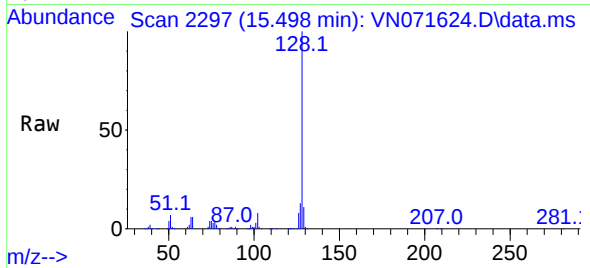
#95
Naphthalene
Concen: 44.798 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

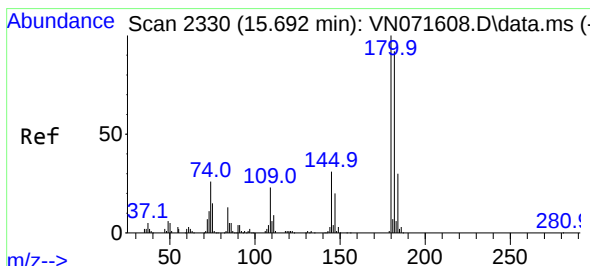
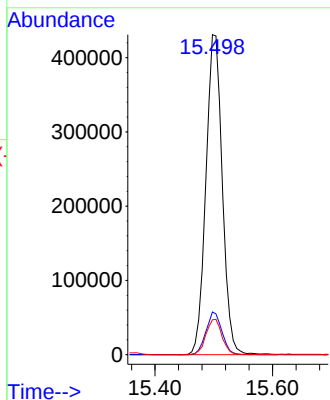
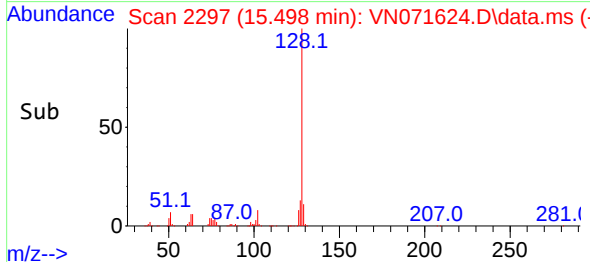


Tgt Ion:128 Resp: 83532
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.6 13.0

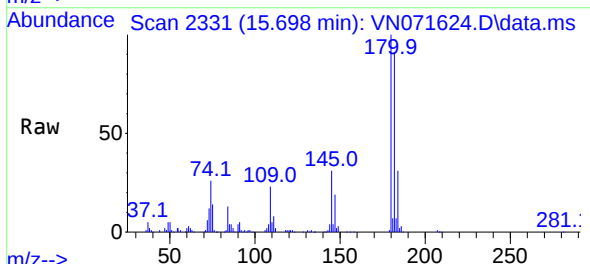
Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#96
1,2,3-Trichlorobenzene
Concen: 49.190 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071624.D
Acq: 28 Mar 2022 23:57



Tgt Ion:180 Resp: 288399
Ion Ratio Lower Upper
180 100
182 94.8 47.8 143.3
145 30.9 15.5 46.5

