

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032522\
 Data File : VN071562.D
 Acq On : 25 Mar 2022 21:08
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/26/2022
 Supervised By : Mahesh Dadoda 03/28/2022

Quant Time: Mar 26 04:08:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 09:52:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	718784	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1167698	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1066161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	450492	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	429938	48.145	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.280%
35) Dibromofluoromethane	8.016	113	354216	48.267	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.540%
50) Toluene-d8	10.439	98	1445143	48.822	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.640%
62) 4-Bromofluorobenzene	12.727	95	474424	48.915	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.820%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	333372	44.449	ug/l	97
3) Chloromethane	2.299	50	398770	47.217	ug/l	99
4) Vinyl Chloride	2.440	62	459404	45.420	ug/l	97
5) Bromomethane	2.828	94	275584	51.625	ug/l	98
6) Chloroethane	2.999	64	291015	42.926	ug/l	99
7) Trichlorofluoromethane	3.363	101	528019	45.231	ug/l	99
8) Diethyl Ether	3.822	74	221754	45.569	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.210	101	310532	44.400	ug/l	99
10) Methyl Iodide	4.416	142	467111	46.319	ug/l	100
11) Tert butyl alcohol	5.369	59	403916	242.718	ug/l	100
12) 1,1-Dichloroethene	4.181	96	309849	44.982	ug/l	97
13) Acrolein	4.040	56	291227	228.830	ug/l	98
14) Allyl chloride	4.834	41	487368	43.829	ug/l	100
15) Acrylonitrile	5.551	53	1068389	236.141	ug/l	100
16) Acetone	4.281	43	863687	235.953	ug/l	98
17) Carbon Disulfide	4.528	76	793940	44.191	ug/l	99
18) Methyl Acetate	4.851	43	460324	47.936	ug/l	100
19) Methyl tert-butyl Ether	5.610	73	1121969	45.541	ug/l	97
20) Methylene Chloride	5.093	84	366501	42.971	ug/l	98
21) trans-1,2-Dichloroethene	5.593	96	331267	44.312	ug/l	98
22) Diisopropyl ether	6.493	45	1054997	45.764	ug/l	98
23) Vinyl Acetate	6.428	43	4675727	236.257	ug/l	99
24) 1,1-Dichloroethane	6.381	63	630369	45.133	ug/l	99
25) 2-Butanone	7.328	43	1399386	238.284	ug/l	100
26) 2,2-Dichloropropane	7.328	77	439612	37.622	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	400901	44.979	ug/l	97
28) Bromochloromethane	7.651	49	254397	44.576	ug/l	98
29) Tetrahydrofuran	7.681	42	935636	239.600	ug/l	99
30) Chloroform	7.816	83	644340	46.020	ug/l	99
31) Cyclohexane	8.092	56	562967	44.056	ug/l	97
32) 1,1,1-Trichloroethane	8.010	97	557213	45.686	ug/l	100
36) 1,1-Dichloropropene	8.216	75	471508	44.562	ug/l	100
37) Ethyl Acetate	7.410	43	549952	47.684	ug/l	99
38) Carbon Tetrachloride	8.204	117	471383	45.703	ug/l	99
39) Methylcyclohexane	9.457	83	599653	46.194	ug/l	99
40) Benzene	8.457	78	1468253	44.578	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	284128	51.890	ug/l	91
42) 1,2-Dichloroethane	8.528	62	509290	44.331	ug/l	100
43) Isopropyl Acetate	8.557	43	894600	48.511	ug/l	97
44) Trichloroethene	9.210	130	381982	44.678	ug/l	98
45) 1,2-Dichloropropane	9.486	63	365194	44.760	ug/l	99
46) Dibromomethane	9.575	93	253432	45.639	ug/l	99
47) Bromodichloromethane	9.757	83	502070	46.129	ug/l	97
48) Methyl methacrylate	9.557	41	399360	47.964	ug/l	100
49) 1,4-Dioxane	9.563	88	185594	966.012	ug/l	98
51) 4-Methyl-2-Pentanone	10.328	43	2725450	236.039	ug/l	99
52) Toluene	10.504	92	949160	46.043	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	530411	45.321	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	586013	45.406	ug/l	99
55) 1,1,2-Trichloroethane	10.892	97	375923	44.982	ug/l	99
56) Ethyl methacrylate	10.757	69	604857	48.013	ug/l	99
57) 1,3-Dichloropropane	11.039	76	638967	45.441	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	941329	237.690	ug/l	100
59) 2-Hexanone	11.080	43	2046102	245.809	ug/l	100
60) Dibromochloromethane	11.233	129	392649	46.582	ug/l	100
61) 1,2-Dibromoethane	11.339	107	388086	46.027	ug/l	100
64) Tetrachloroethene	10.975	164	325602	44.184	ug/l	98
65) Chlorobenzene	11.769	112	1016328	44.931	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	372343	46.531	ug/l	99
67) Ethyl Benzene	11.839	91	1787122	46.020	ug/l	98
68) m/p-Xylenes	11.951	106	1393661	93.792	ug/l	99
69) o-Xylene	12.275	106	699375	47.378	ug/l	97
70) Styrene	12.292	104	1105732	48.042	ug/l	100
71) Bromoform	12.457	173	304155	48.327	ug/l #	99
73) Isopropylbenzene	12.574	105	1760409	44.324	ug/l	99
74) N-amyl acetate	12.380	43	596106	46.694	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.822	83	578552	49.080	ug/l	100
76) 1,2,3-Trichloropropane	12.880	75	445165m	44.315	ug/l	
77) Bromobenzene	12.857	156	424724	42.910	ug/l	99
78) n-propylbenzene	12.916	91	1916558	45.356	ug/l	100
79) 2-Chlorotoluene	13.004	91	1173838	43.050	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	1401734	44.710	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.622	75	172884	46.077	ug/l	95
82) 4-Chlorotoluene	13.104	91	1086730	43.290	ug/l	99
83) tert-Butylbenzene	13.321	119	1273066	44.983	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	1368046	45.219	ug/l	99
85) sec-Butylbenzene	13.498	105	1709163	45.562	ug/l	100
86) p-Isopropyltoluene	13.610	119	1385263	46.324	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	705729	43.957	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	678708	42.772	ug/l	99
89) n-Butylbenzene	13.939	91	1022640	44.654	ug/l	99
90) Hexachloroethane	14.210	117	256232	43.900	ug/l	98
91) 1,2-Dichlorobenzene	13.986	146	683366	44.403	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	107444	45.750	ug/l	99
93) 1,2,4-Trichlorobenzene	15.263	180	321315	45.056	ug/l	99
94) Hexachlorobutadiene	15.368	225	189463	43.933	ug/l	98
95) Naphthalene	15.504	128	973077	42.926	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	327845	46.332	ug/l	100

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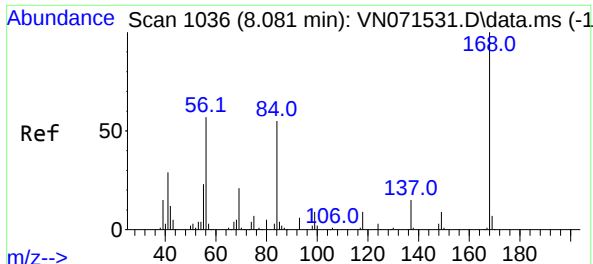
Manual Integrations
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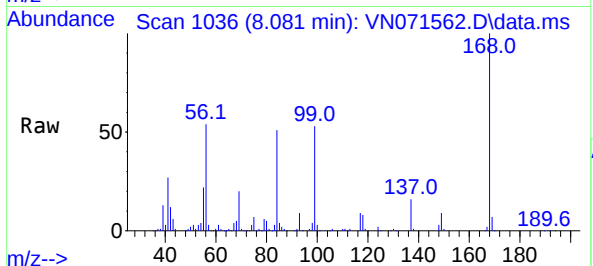
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
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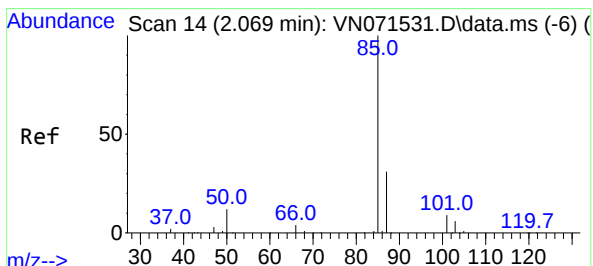
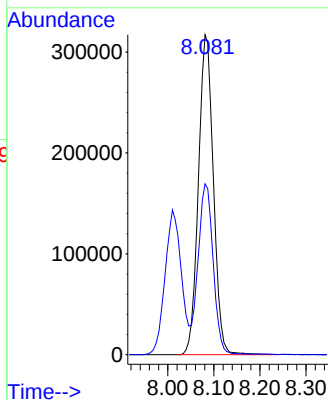
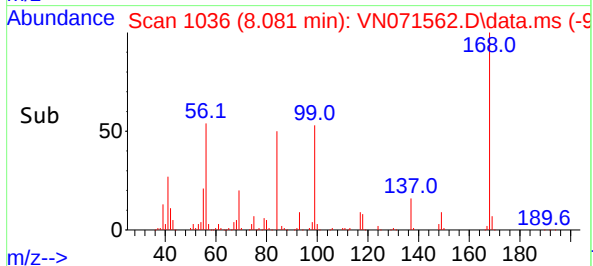
Instrument :
MSVOA_N
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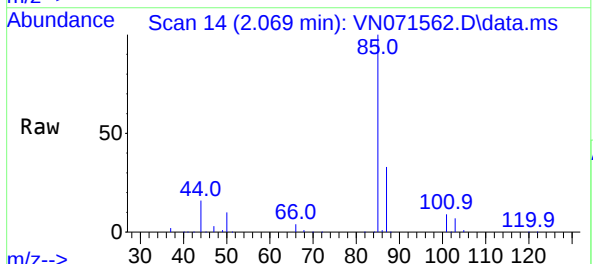
Tgt Ion:168 Resp: 718784
Ion Ratio Lower Upper
168 100
99 53.3 42.3 63.5

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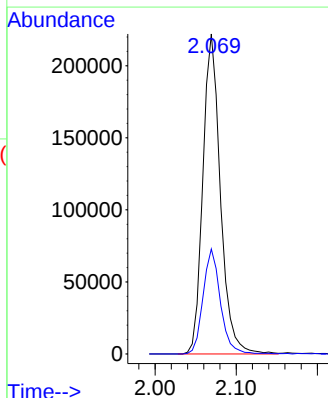
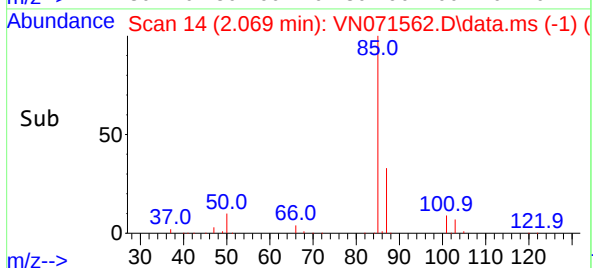
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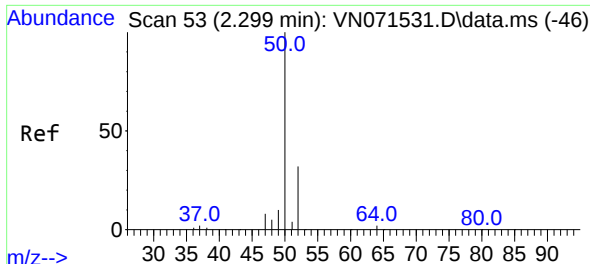


#2
Dichlorodifluoromethane
Concen: 44.449 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08



Tgt Ion: 85 Resp: 333372
Ion Ratio Lower Upper
85 100
87 32.8 15.7 47.1





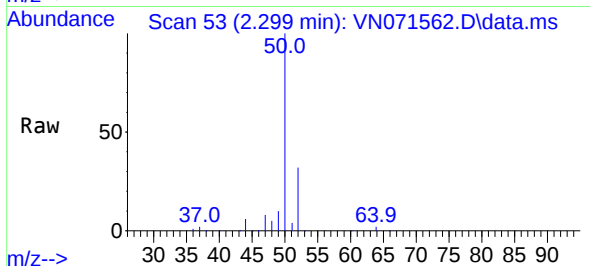
#3
Chloromethane
Concen: 47.217 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

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VSTDCCC050EC

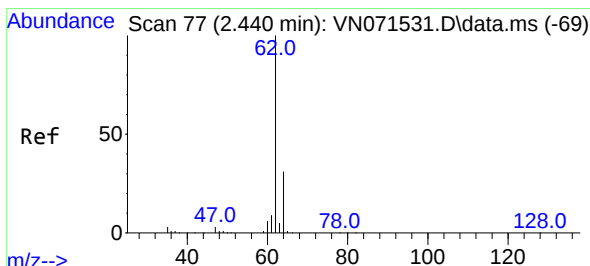
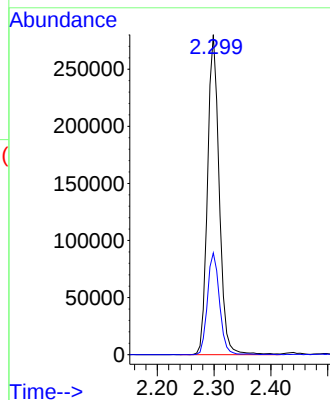
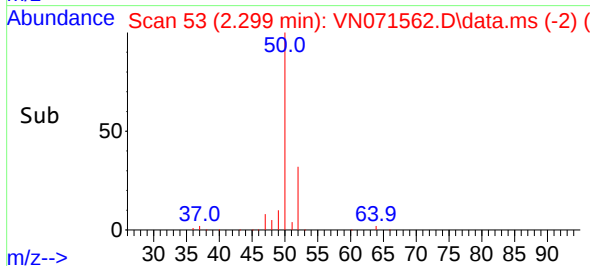


Tgt Ion: 50 Resp: 398770
Ion Ratio Lower Upper
50 100
52 31.8 25.7 38.5

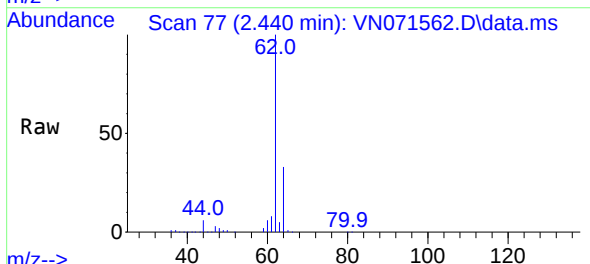
Manual Integrations

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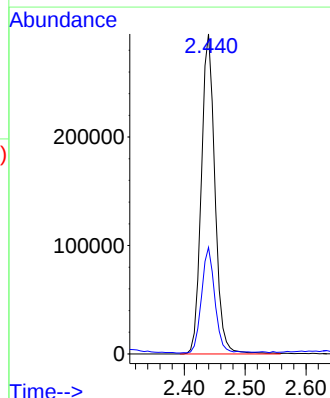
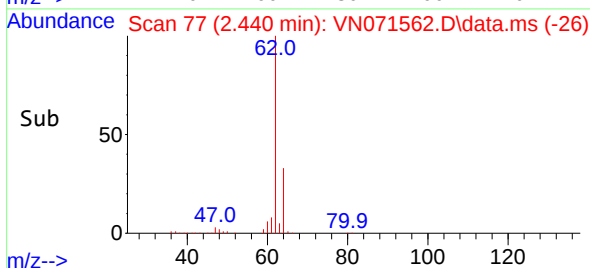
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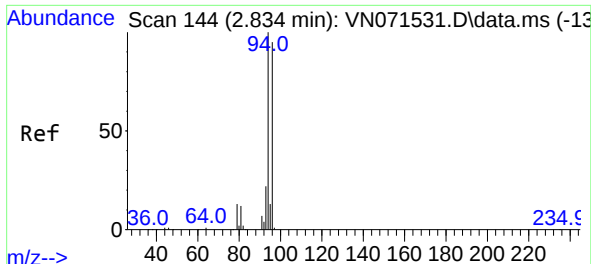


#4
Vinyl Chloride
Concen: 45.420 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08



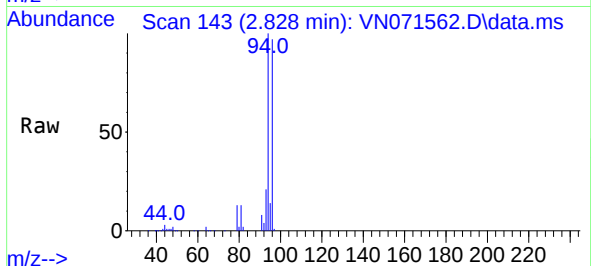
Tgt Ion: 62 Resp: 459404
Ion Ratio Lower Upper
62 100
64 33.0 25.0 37.4





#5
Bromomethane
Concen: 51.625 ug/l
RT: 2.828 min Scan# 144
Delta R.T. -0.006 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

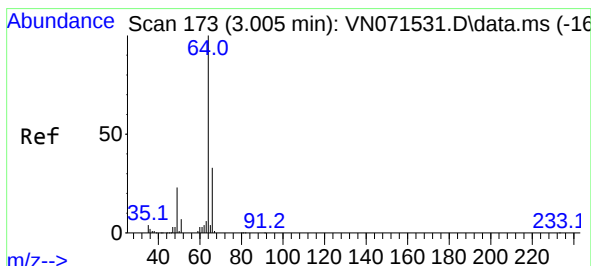
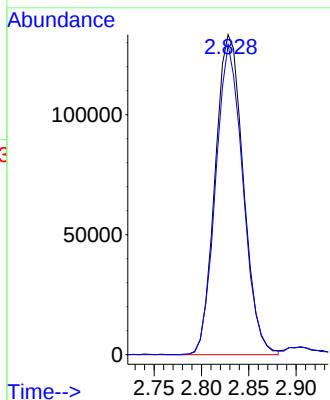
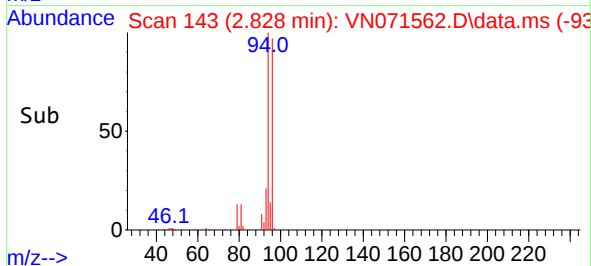
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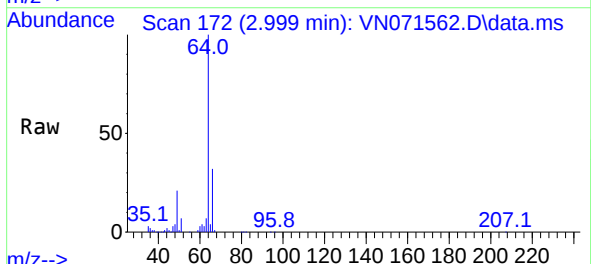
Tgt Ion: 94 Resp: 275584
Ion Ratio Lower Upper
94 100
96 96.9 76.0 114.0

Manual Integrations
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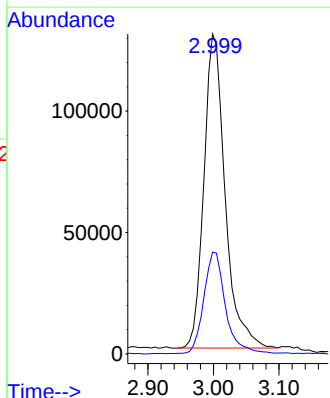
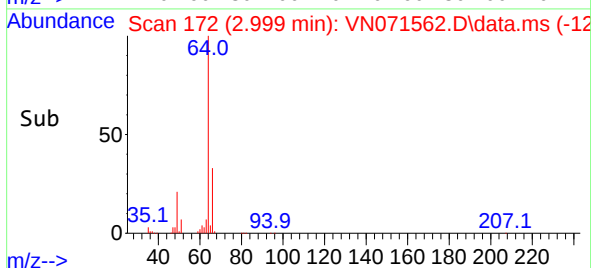
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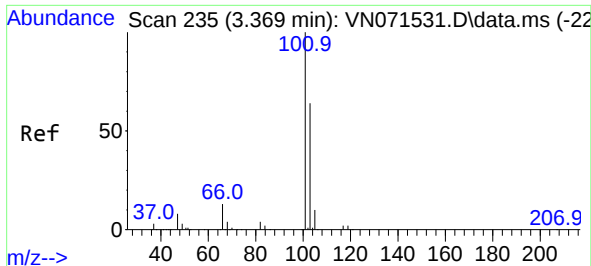


#6
Chloroethane
Concen: 42.926 ug/l
RT: 2.999 min Scan# 172
Delta R.T. -0.006 min
Lab File: VN071562.D
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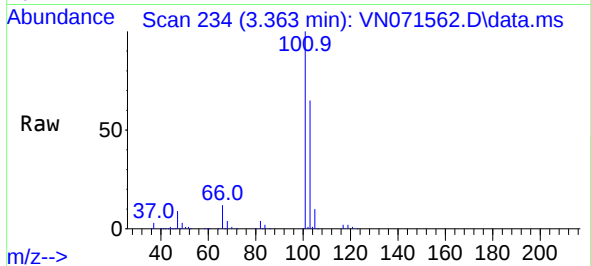
Tgt Ion: 64 Resp: 291015
Ion Ratio Lower Upper
64 100
66 32.2 26.2 39.4





#7
Trichlorofluoromethane
Concen: 45.231 ug/l
RT: 3.363 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

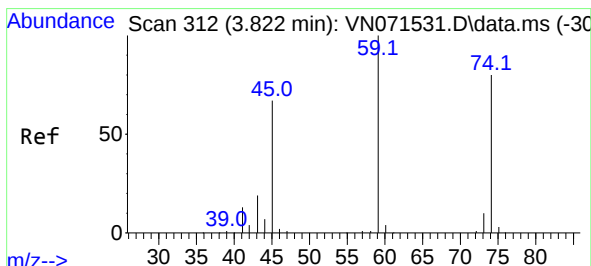
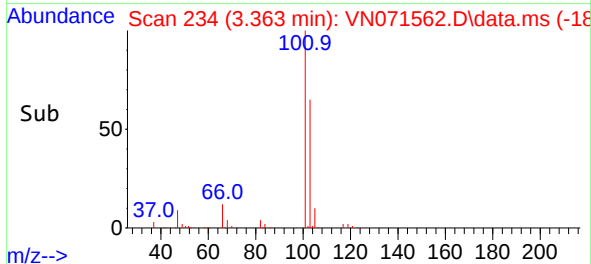
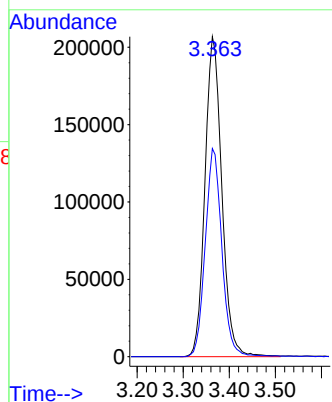
Instrument :
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VSTDCCC050EC



Tgt Ion:101 Resp: 528019
Ion Ratio Lower Upper
101 100
103 65.0 51.5 77.3

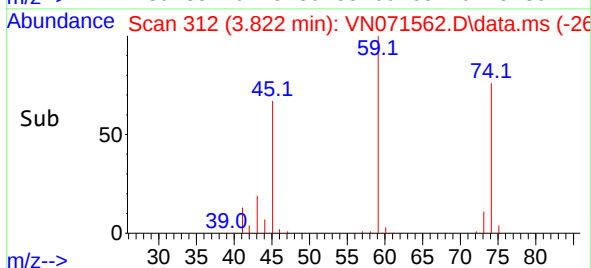
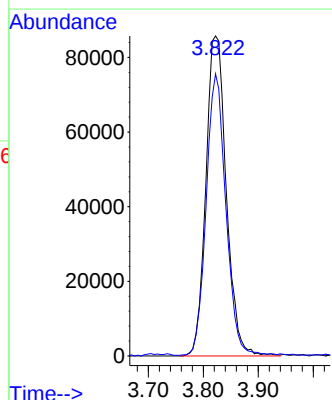
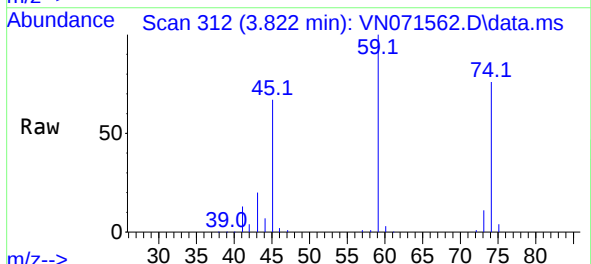
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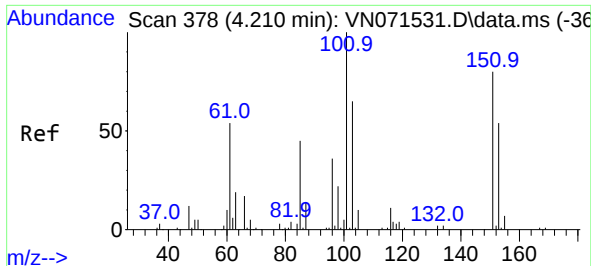
Reviewed By :John Carlone 03/26/2022
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#8
Diethyl Ether
Concen: 45.569 ug/l
RT: 3.822 min Scan# 312
Delta R.T. 0.000 min
Lab File: VN071562.D
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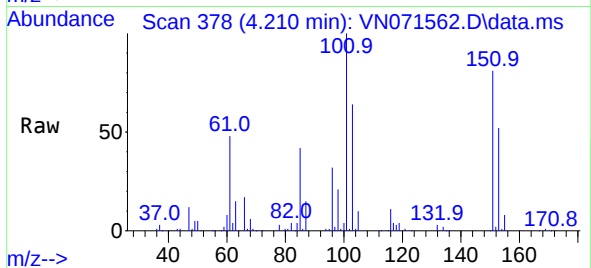
Tgt Ion: 74 Resp: 221754
Ion Ratio Lower Upper
74 100
45 84.6 42.9 128.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.400 ug/l
RT: 4.210 min Scan# 31053
Delta R.T. 0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

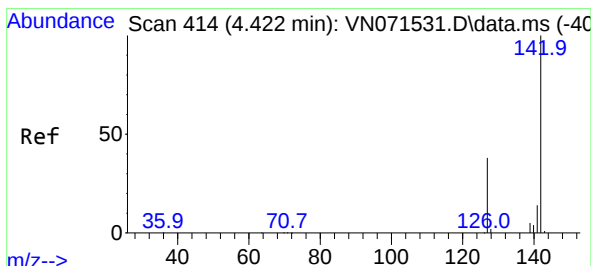
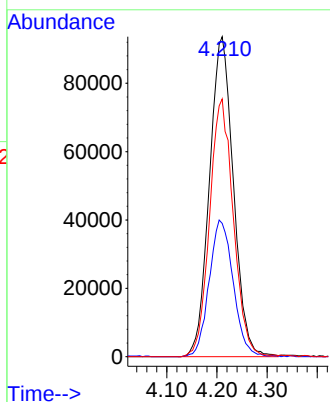
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



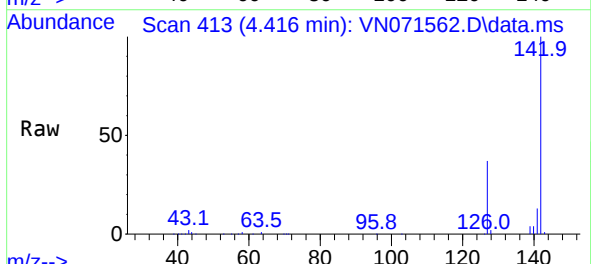
Tgt Ion:101 Resp: 31053
Ion Ratio Lower Upper
101 100
85 42.8 34.7 52.1
151 79.7 63.0 94.4

Manual Integrations
APPROVED

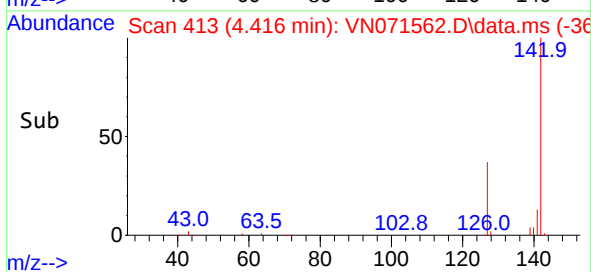
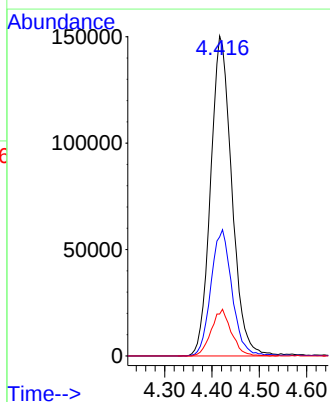
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

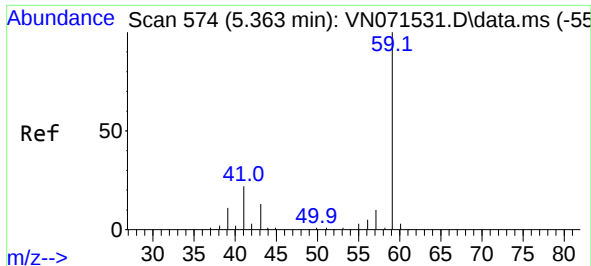


#10
Methyl Iodide
Concen: 46.319 ug/l
RT: 4.416 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08



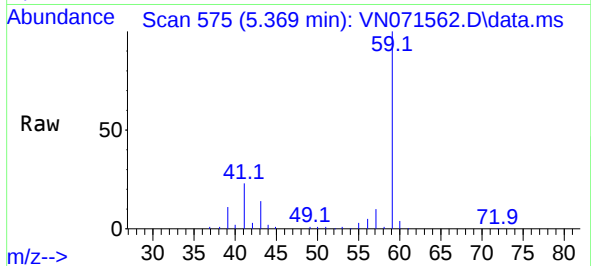
Tgt Ion:142 Resp: 467111
Ion Ratio Lower Upper
142 100
127 39.4 31.3 46.9
141 13.8 11.2 16.8





#11
Tert butyl alcohol
Concen: 242.718 ug/l
RT: 5.369 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

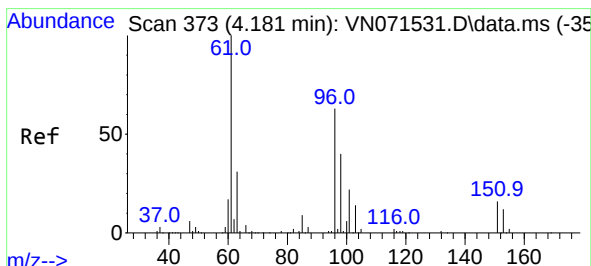
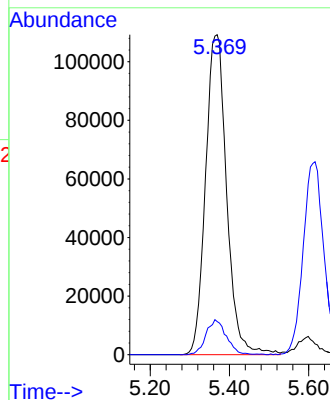
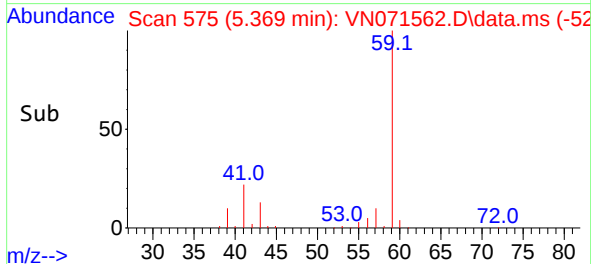
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



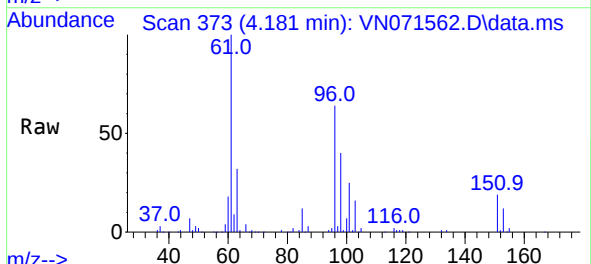
Tgt Ion: 59 Resp: 403910
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

Manual Integrations
APPROVED

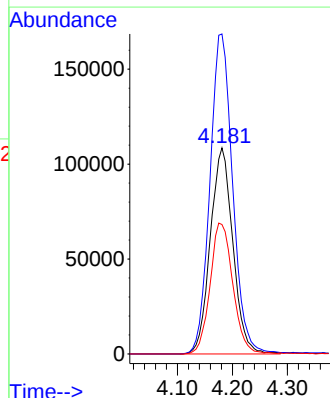
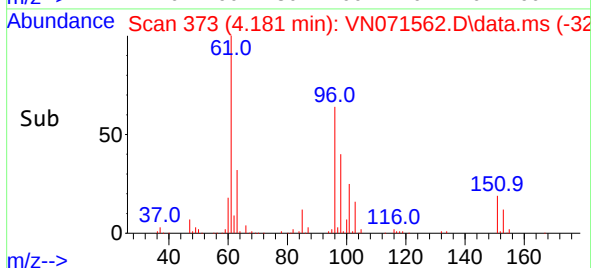
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

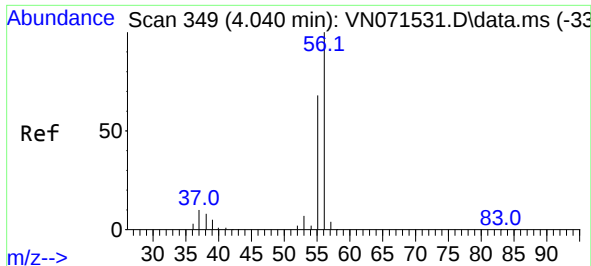


#12
1,1-Dichloroethene
Concen: 44.982 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08



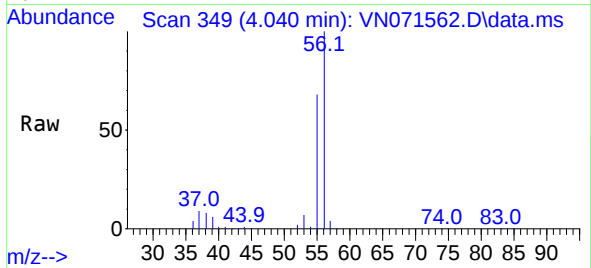
Tgt Ion: 96 Resp: 309849
Ion Ratio Lower Upper
96 100
61 155.3 127.6 191.4
98 62.8 51.2 76.8





#13
Acrolein
Concen: 228.830 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

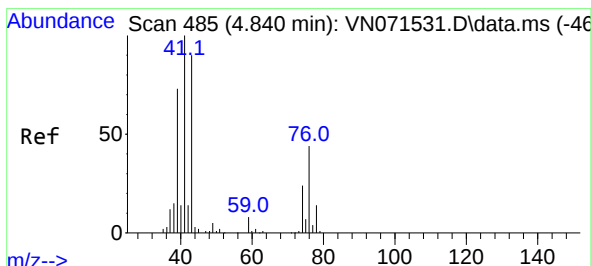
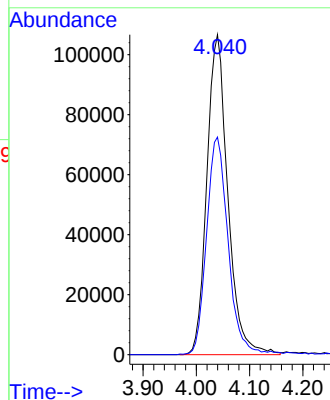
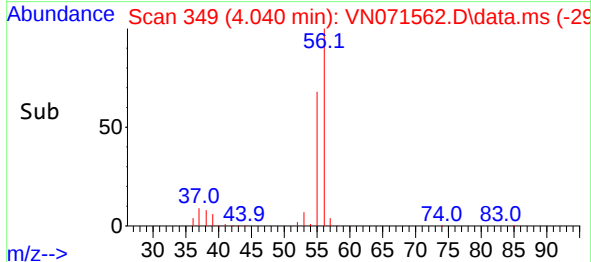
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



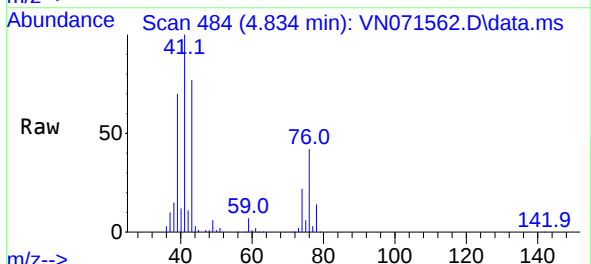
Tgt Ion: 56 Resp: 291227
Ion Ratio Lower Upper
56 100
55 70.2 54.8 82.2

Manual Integrations
APPROVED

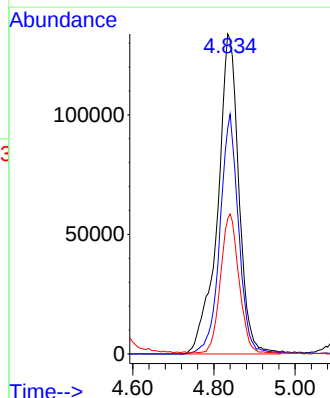
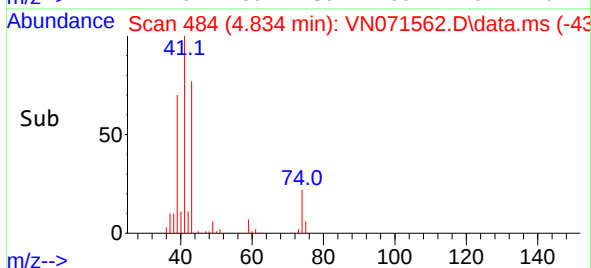
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

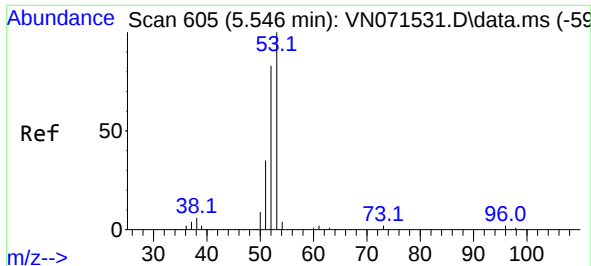


#14
Allyl chloride
Concen: 43.829 ug/l
RT: 4.834 min Scan# 484
Delta R.T. -0.006 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08



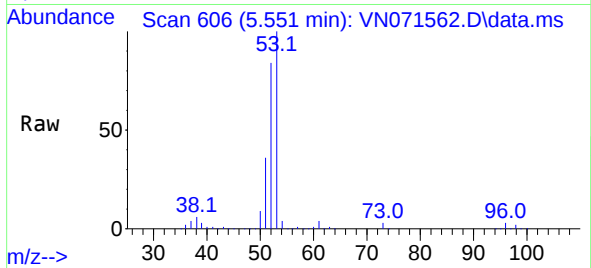
Tgt Ion: 41 Resp: 487368
Ion Ratio Lower Upper
41 100
39 66.1 53.2 79.8
76 37.6 29.9 44.9





#15
Acrylonitrile
Concen: 236.141 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.005 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

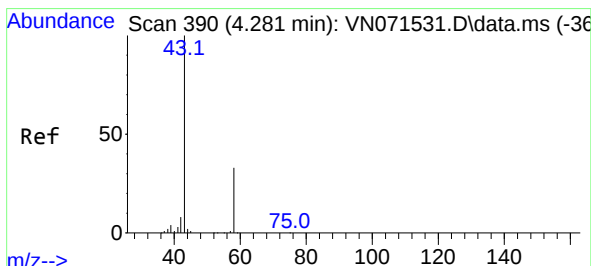
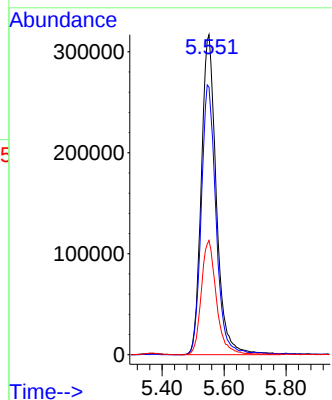
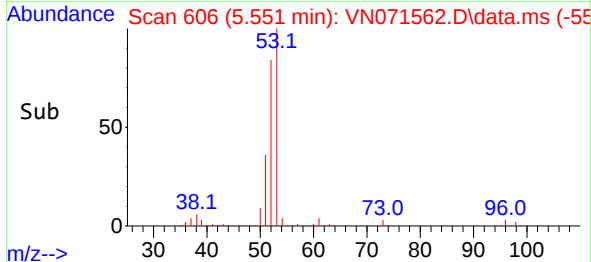
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 1068389
Ion Ratio Lower Upper
53 100
52 83.0 66.4 99.6
51 36.0 28.5 42.7

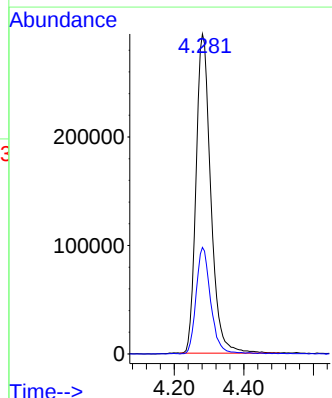
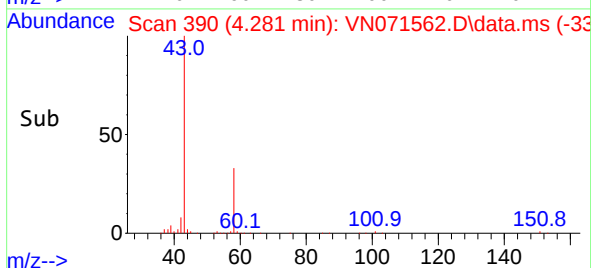
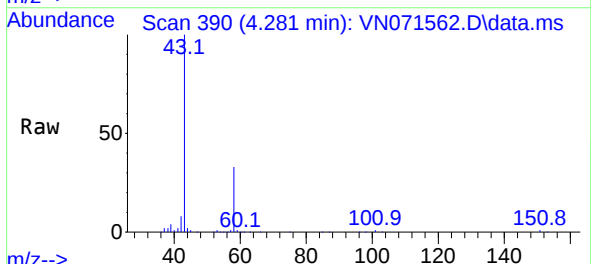
Manual Integrations
APPROVED

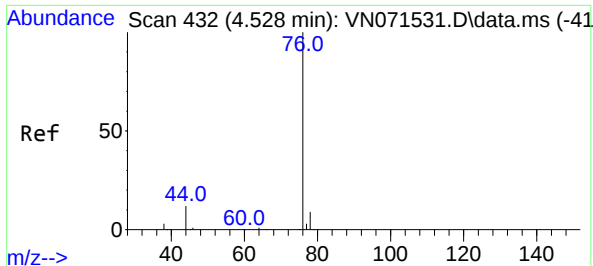
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#16
Acetone
Concen: 235.953 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

Tgt Ion: 43 Resp: 863687
Ion Ratio Lower Upper
43 100
58 33.4 26.0 39.0





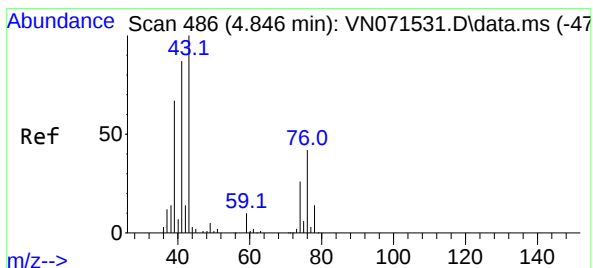
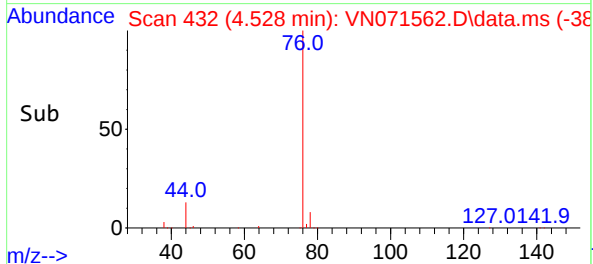
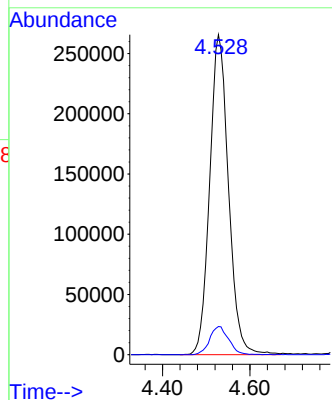
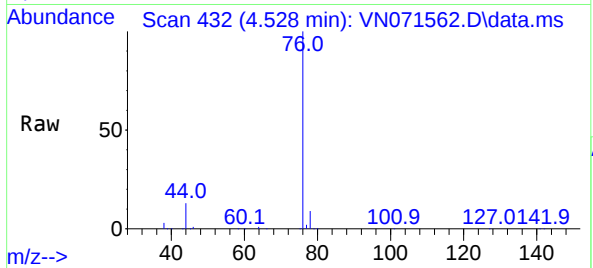
#17
Carbon Disulfide
Concen: 44.191 ug/l
RT: 4.528 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 793940
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

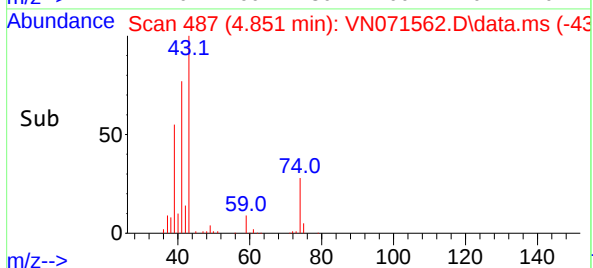
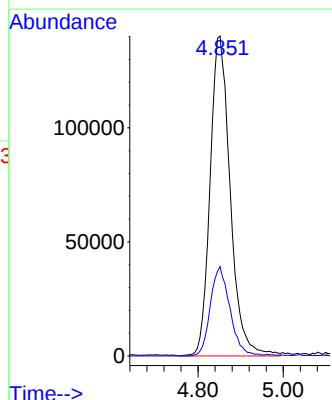
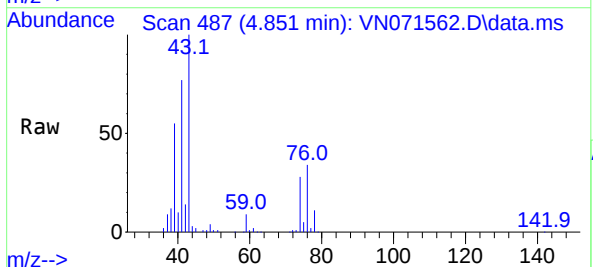
Manual Integrations
APPROVED

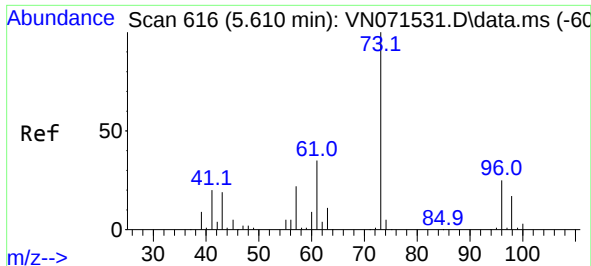
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#18
Methyl Acetate
Concen: 47.936 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.005 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

Tgt Ion: 43 Resp: 460324
Ion Ratio Lower Upper
43 100
74 27.1 21.6 32.4





#19

Methyl tert-butyl Ether

Concen: 45.541 ug/l

RT: 5.610 min Scan# 616

Delta R.T. -0.000 min

Lab File: VN071562.D

Acq: 25 Mar 2022 21:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 112196

Ion Ratio Lower Upper

73 100

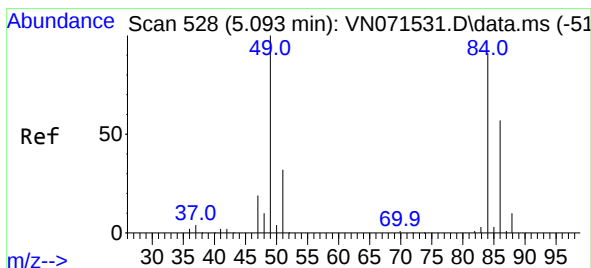
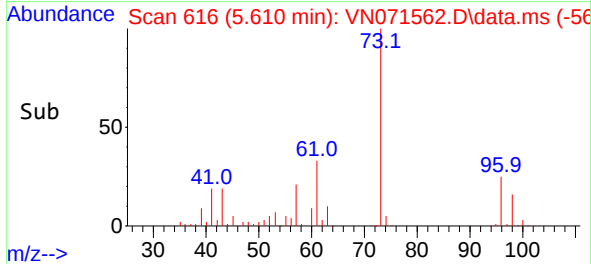
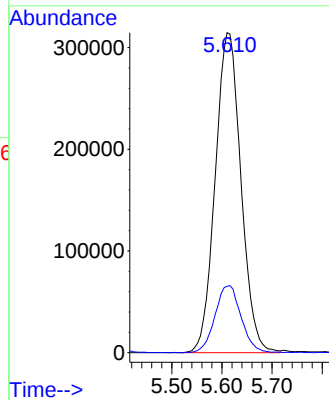
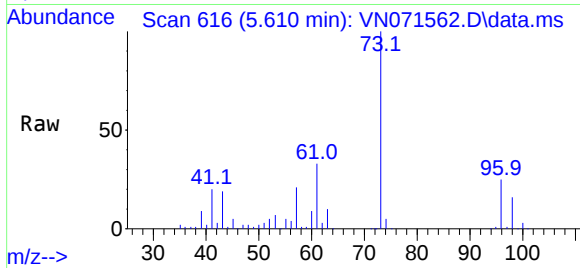
57 20.7 17.6 26.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#20

Methylene Chloride

Concen: 42.971 ug/l

RT: 5.093 min Scan# 528

Delta R.T. -0.000 min

Lab File: VN071562.D

Acq: 25 Mar 2022 21:08

Tgt Ion: 84 Resp: 366501

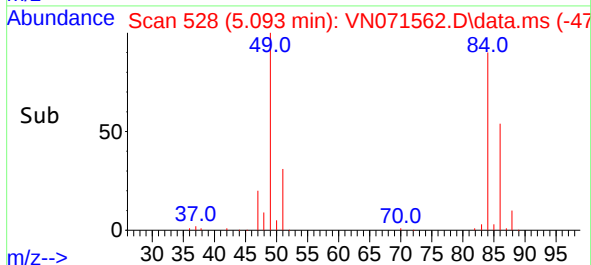
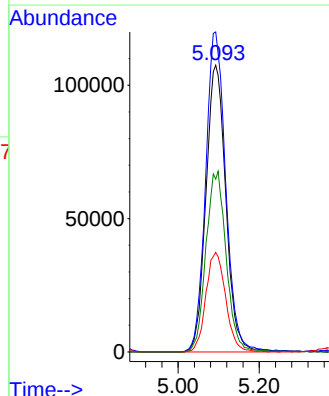
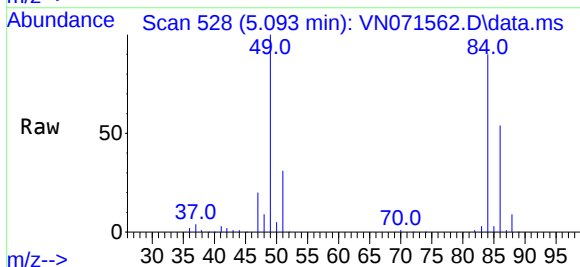
Ion Ratio Lower Upper

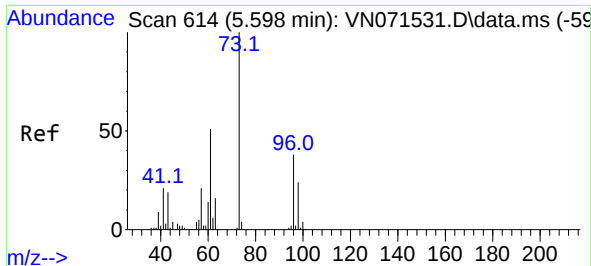
84 100

49 111.6 88.3 132.5

51 34.7 28.2 42.2

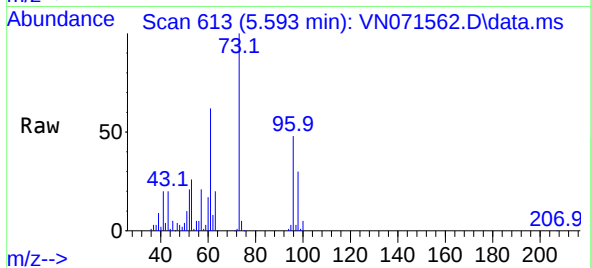
86 60.3 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 44.312 ug/l
RT: 5.593 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

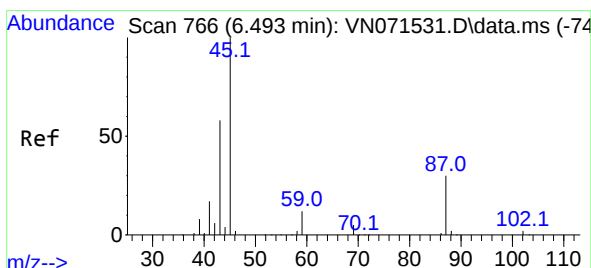
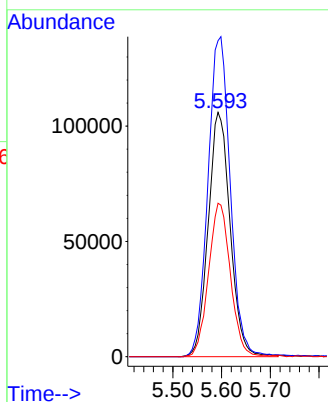
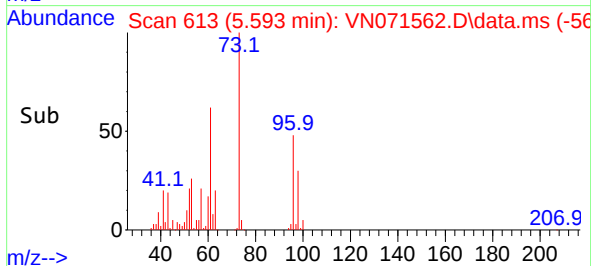
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



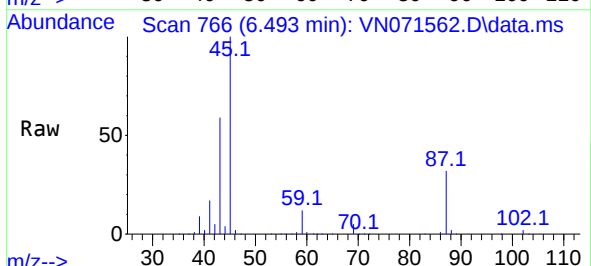
Tgt Ion: 96 Resp: 33126
Ion Ratio Lower Upper
96 100
61 129.4 105.8 158.8
98 62.8 50.3 75.5

Manual Integrations
APPROVED

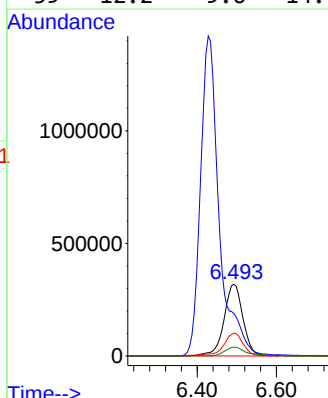
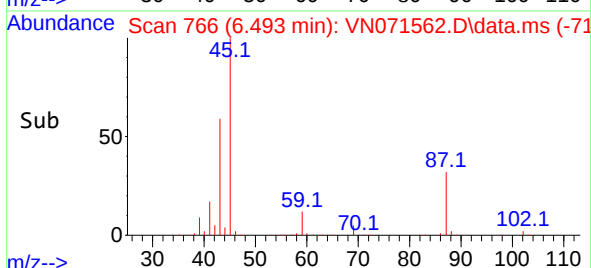
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

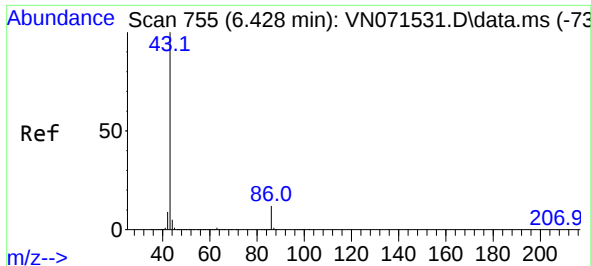


#22
Diisopropyl ether
Concen: 45.764 ug/l
RT: 6.493 min Scan# 766
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08



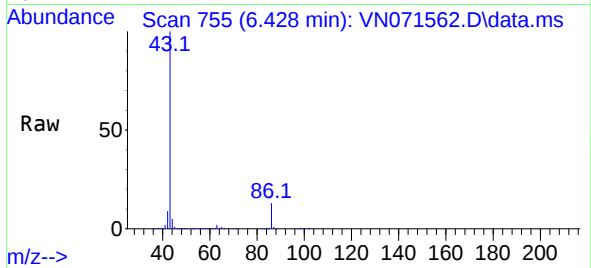
Tgt Ion: 45 Resp: 1054997
Ion Ratio Lower Upper
45 100
43 59.3 46.6 70.0
87 31.9 24.3 36.5
59 12.2 9.6 14.4





#23
 Vinyl Acetate
 Concen: 236.257 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN071562.D
 Acq: 25 Mar 2022 21:08

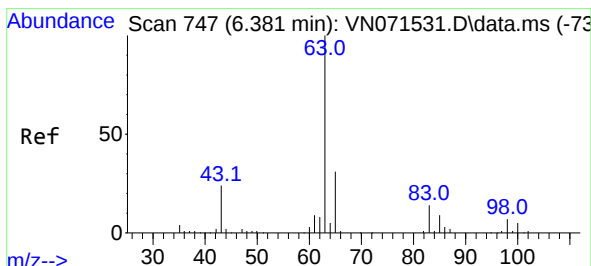
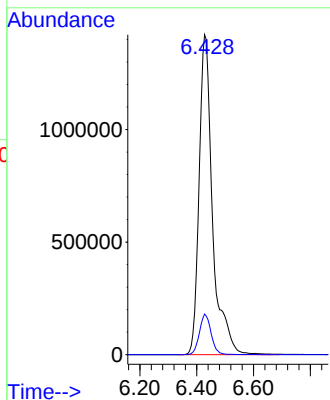
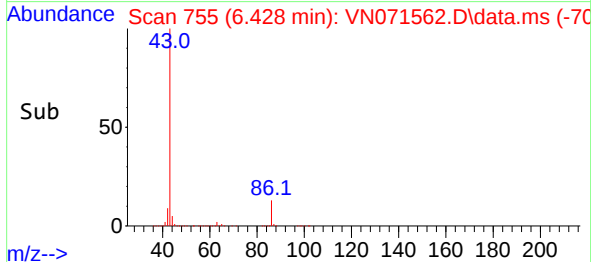
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



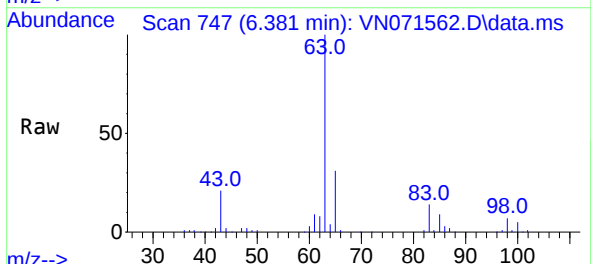
Tgt Ion: 43 Resp: 467572
 Ion Ratio Lower Upper
 43 100
 86 12.7 10.0 15.0

Manual Integrations
 APPROVED

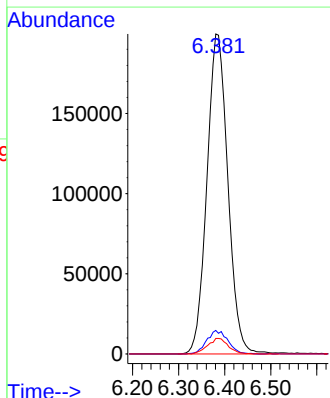
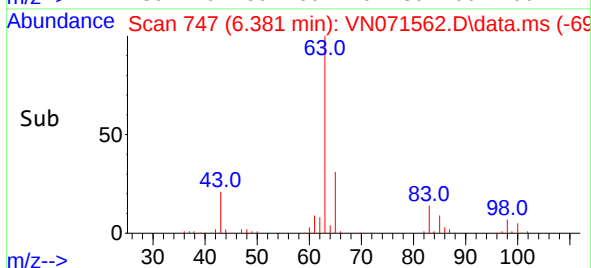
Reviewed By :John Carlone 03/26/2022
 Supervised By :Mahesh Dadoda 03/28/2022

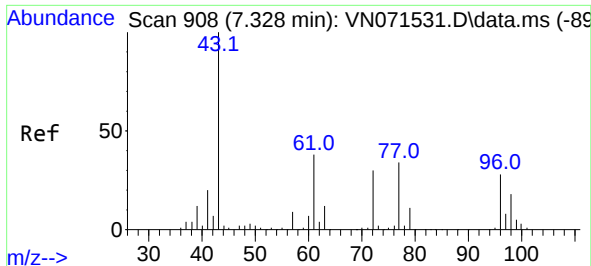


#24
 1,1-Dichloroethane
 Concen: 45.133 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.000 min
 Lab File: VN071562.D
 Acq: 25 Mar 2022 21:08



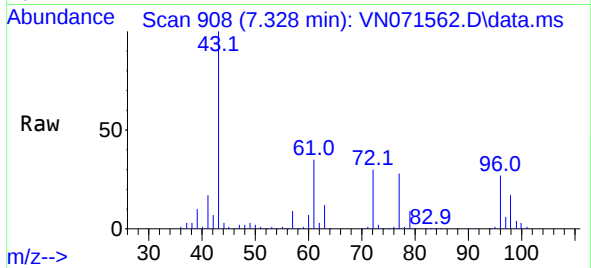
Tgt Ion: 63 Resp: 630369
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.4
 100 4.9 2.3 6.8





#25
2-Butanone
Concen: 238.284 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

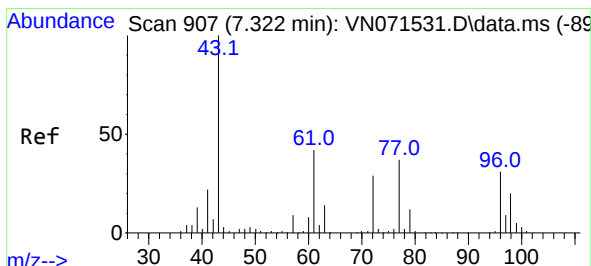
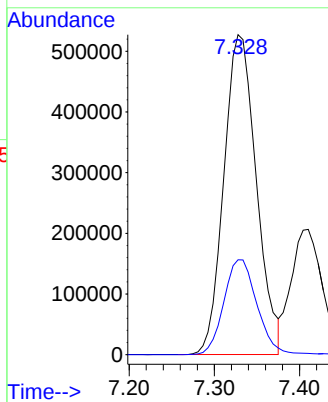
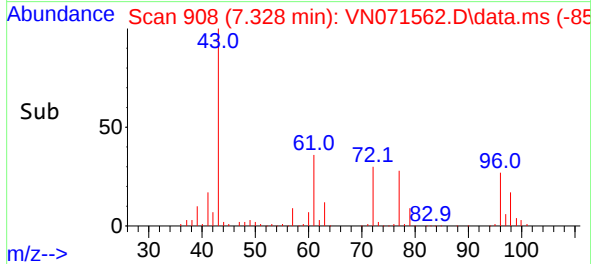
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



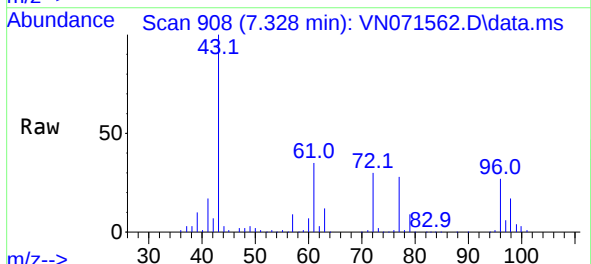
Tgt Ion: 43 Resp: 1399386
Ion Ratio Lower Upper
43 100
72 29.6 23.7 35.5

Manual Integrations
APPROVED

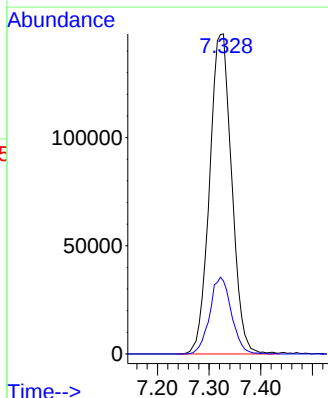
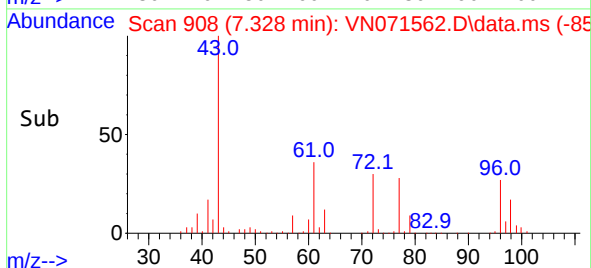
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

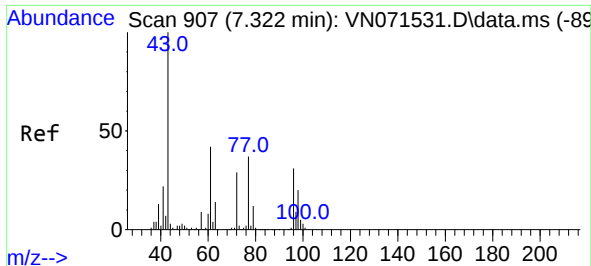


#26
2,2-Dichloropropane
Concen: 37.622 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.006 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08



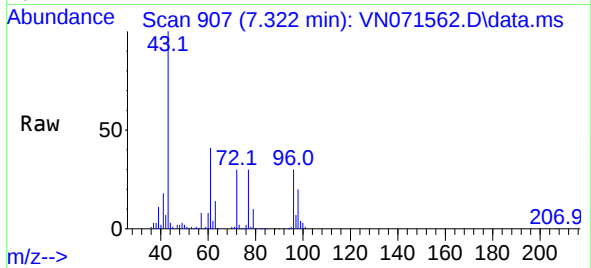
Tgt Ion: 77 Resp: 439612
Ion Ratio Lower Upper
77 100
97 23.4 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 44.979 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VN071562.D
 Acq: 25 Mar 2022 21:08

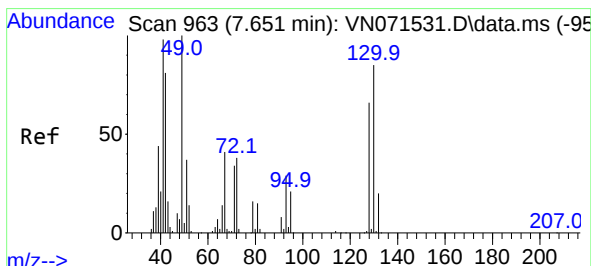
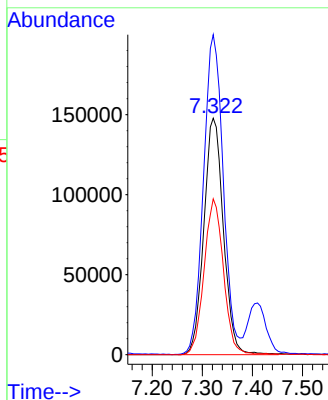
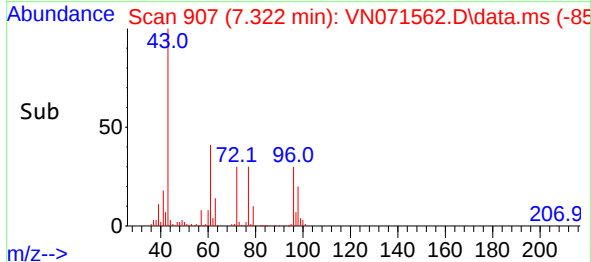
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



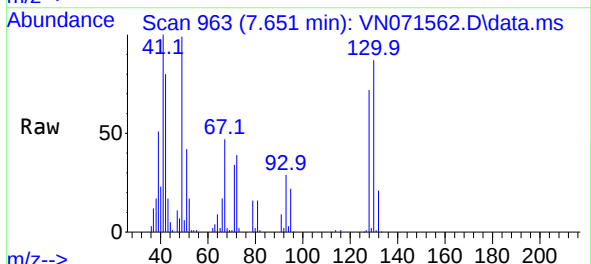
Tgt Ion: 96 Resp: 40090
 Ion Ratio Lower Upper
 96 100
 61 136.3 0.0 280.6
 98 65.0 0.0 128.4

Manual Integrations
 APPROVED

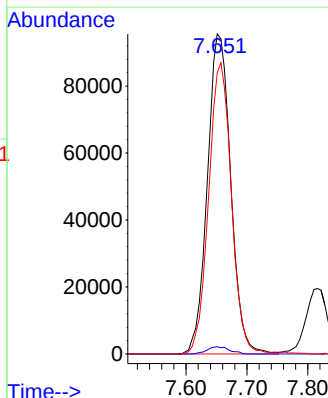
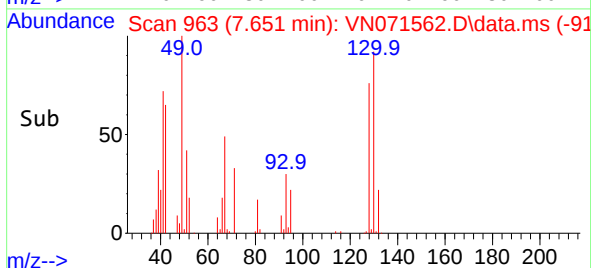
Reviewed By :John Carlone 03/26/2022
 Supervised By :Mahesh Dadoda 03/28/2022

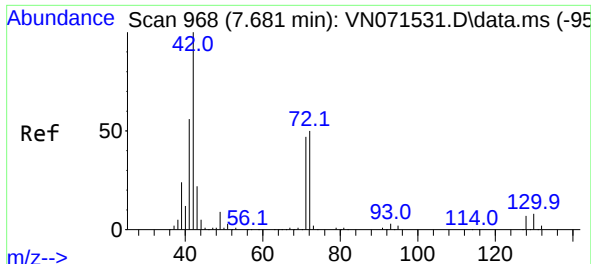


#28
 Bromochloromethane
 Concen: 44.576 ug/l
 RT: 7.651 min Scan# 963
 Delta R.T. -0.000 min
 Lab File: VN071562.D
 Acq: 25 Mar 2022 21:08



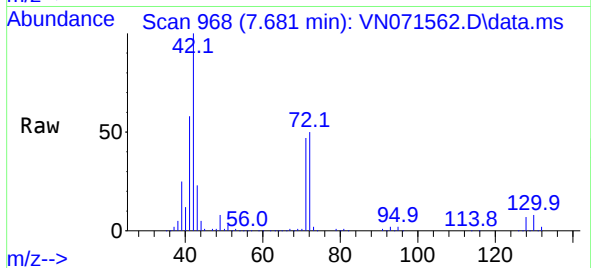
Tgt Ion: 49 Resp: 254397
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 88.5 69.7 104.5





#29
Tetrahydrofuran
Concen: 239.600 ug/l
RT: 7.681 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

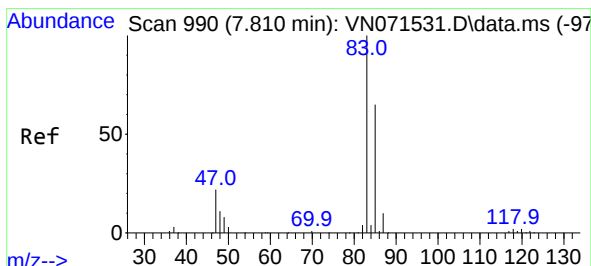
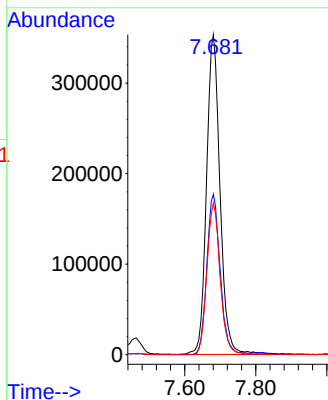
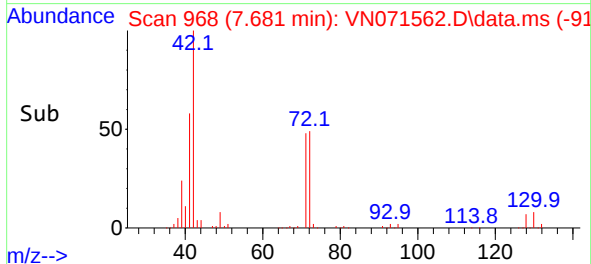
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



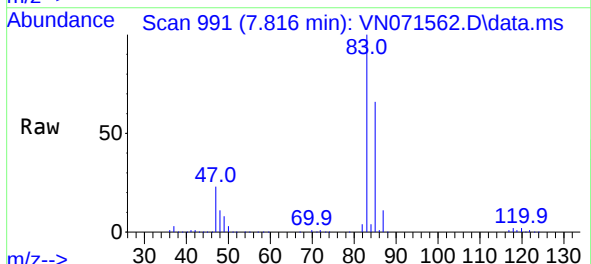
Tgt Ion: 42 Resp: 935630
Ion Ratio Lower Upper
42 100
72 49.5 39.7 59.5
71 46.5 36.6 55.0

Manual Integrations
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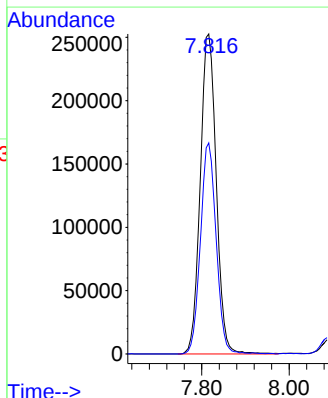
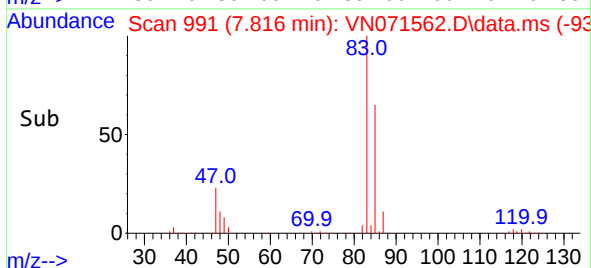
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

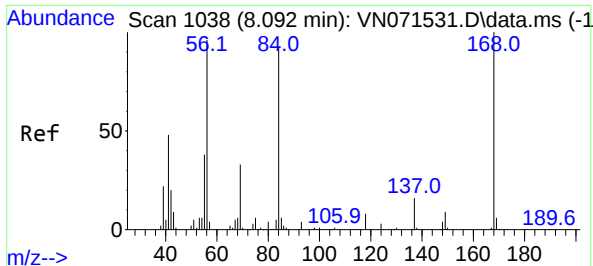


#30
Chloroform
Concen: 46.020 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08



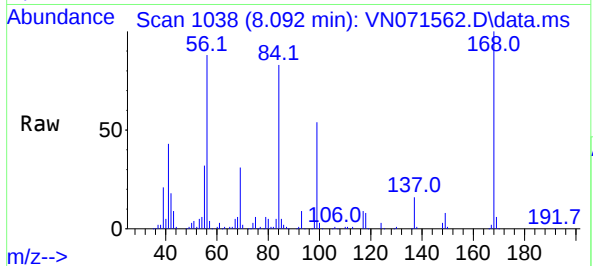
Tgt Ion: 83 Resp: 644340
Ion Ratio Lower Upper
83 100
85 65.9 51.8 77.8





#31
Cyclohexane
Concen: 44.056 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

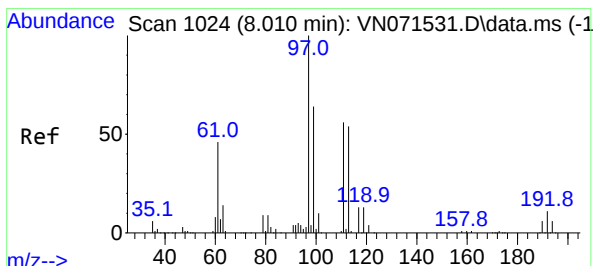
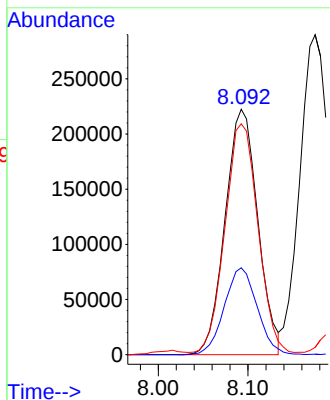
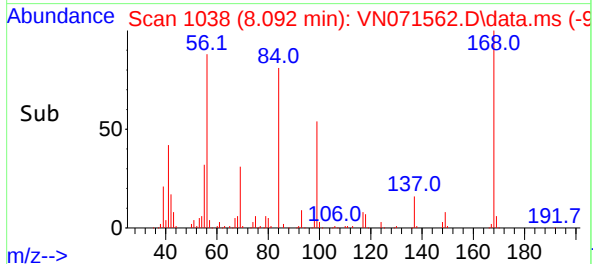
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



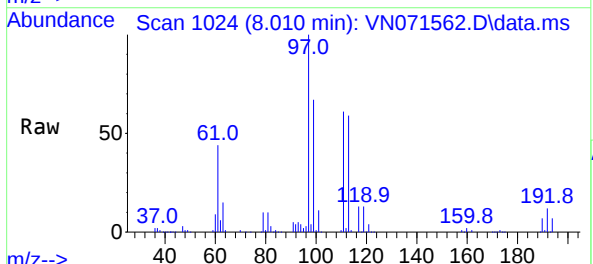
Tgt Ion: 56 Resp: 56296
Ion Ratio Lower Upper
56 100
69 35.4 27.8 41.8
84 92.9 76.9 115.3

Manual Integrations
APPROVED

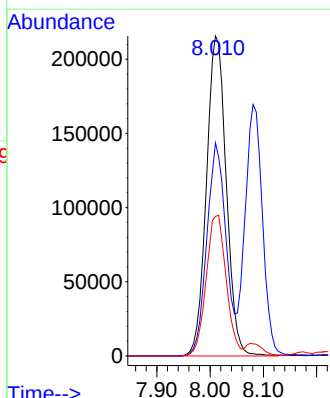
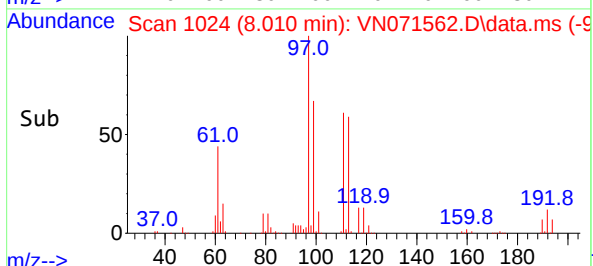
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

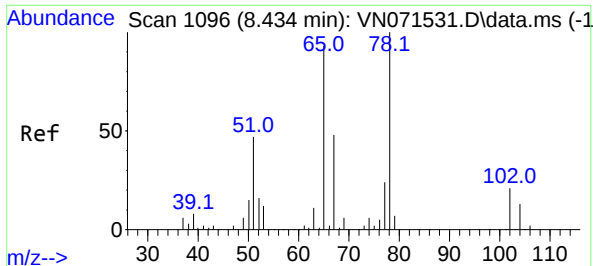


#32
1,1,1-Trichloroethane
Concen: 45.686 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08



Tgt Ion: 97 Resp: 557213
Ion Ratio Lower Upper
97 100
99 63.6 50.6 76.0
61 44.7 36.0 54.0





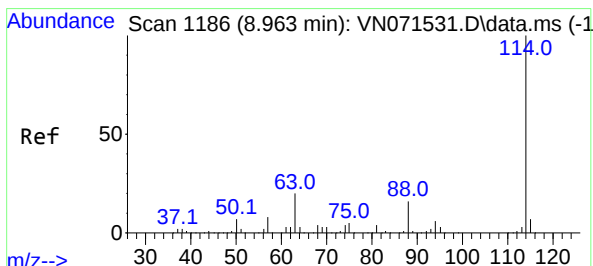
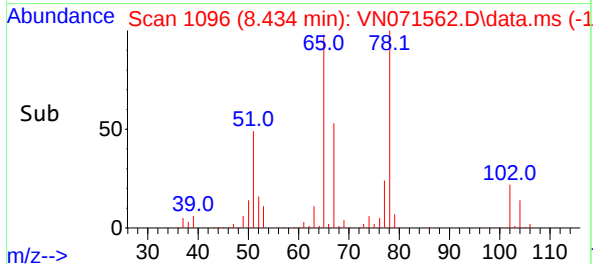
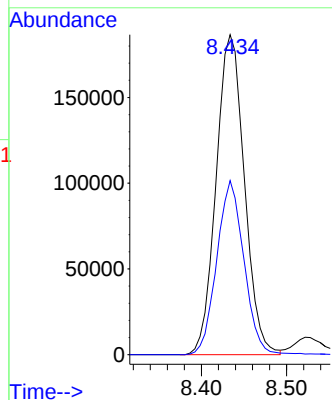
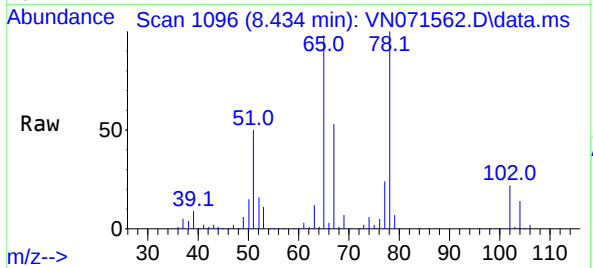
#33
1,2-Dichloroethane-d4
Concen: 48.145 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 429938
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.8

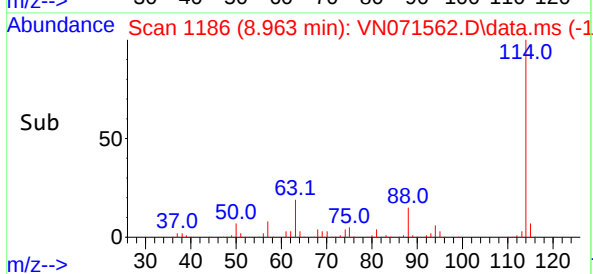
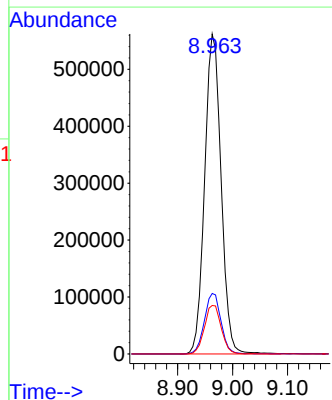
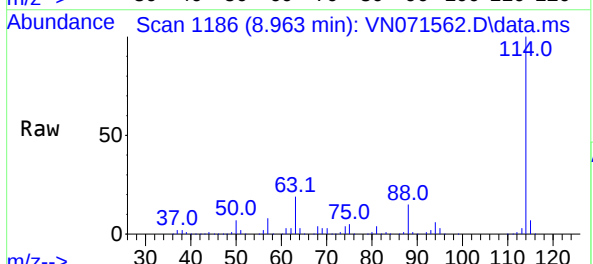
Manual Integrations
APPROVED

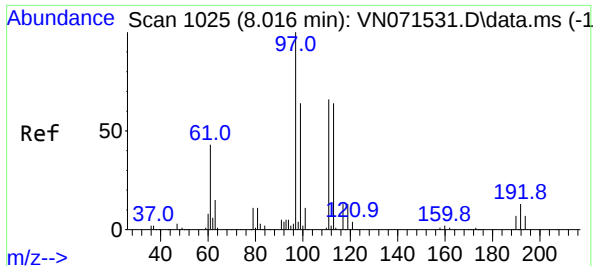
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

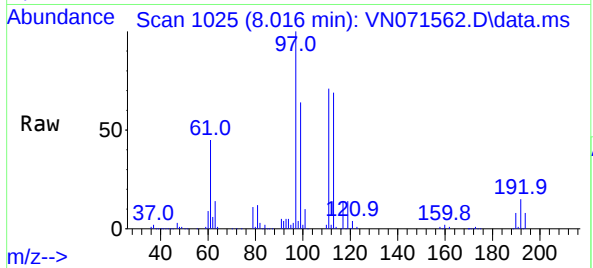
Tgt Ion:114 Resp: 1167698
Ion Ratio Lower Upper
114 100
63 18.9 0.0 40.0
88 15.2 0.0 32.6





#35
Dibromofluoromethane
Concen: 48.267 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

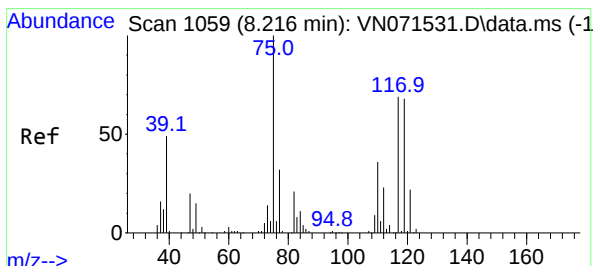
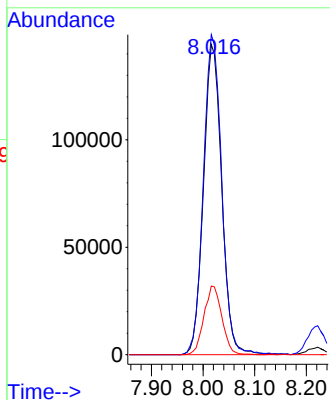
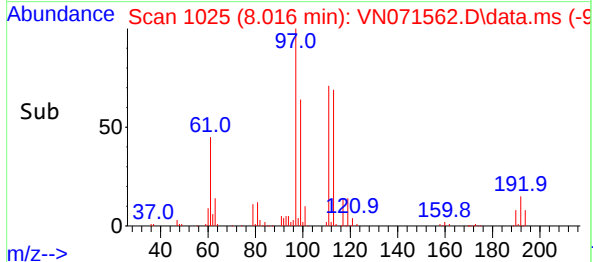
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



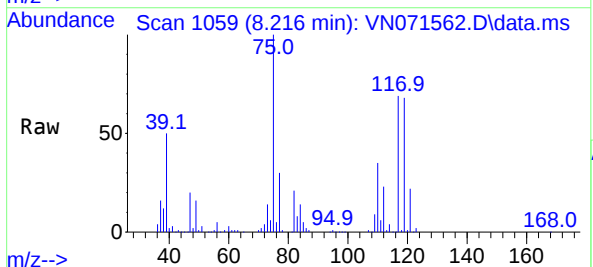
Tgt Ion: 113 Resp: 354210
Ion Ratio Lower Upper
113 100
111 103.3 81.4 122.0
192 21.7 17.0 25.6

Manual Integrations
APPROVED

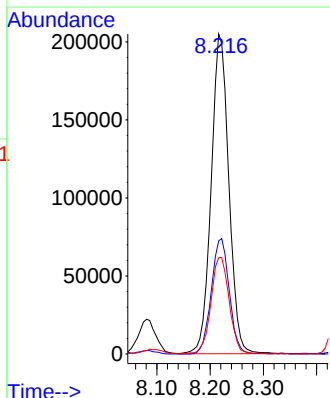
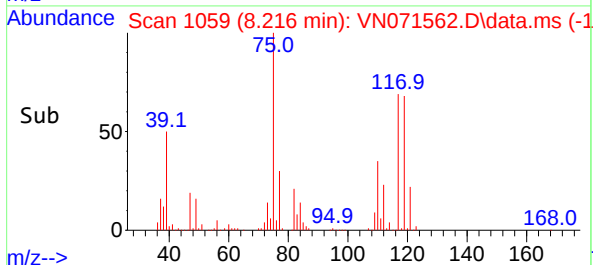
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

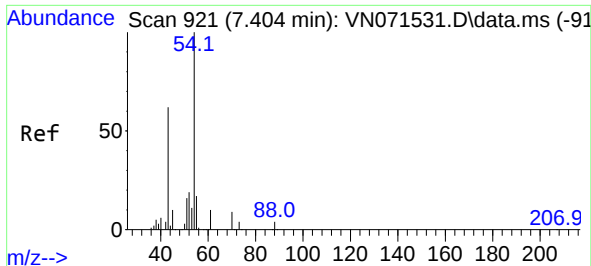


#36
1,1-Dichloropropene
Concen: 44.562 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08



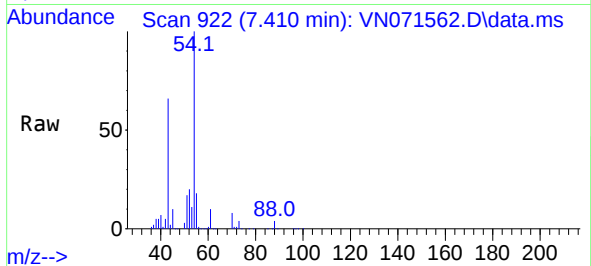
Tgt Ion: 75 Resp: 471508
Ion Ratio Lower Upper
75 100
110 36.7 18.3 54.8
77 31.4 25.1 37.7





#37
Ethyl Acetate
Concen: 47.684 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

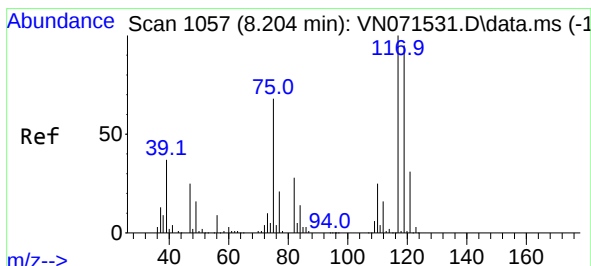
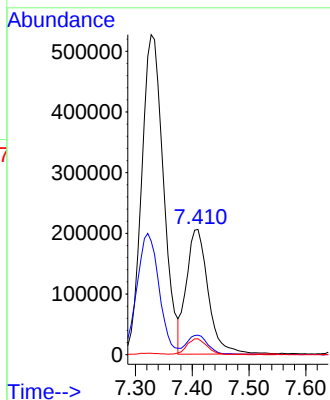
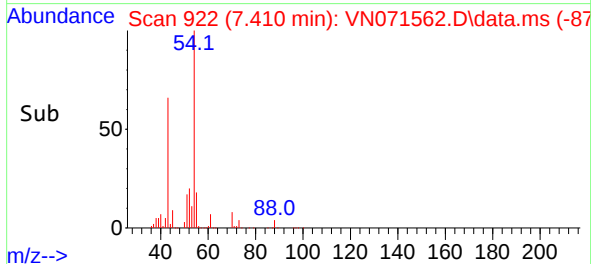
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 549952
Ion Ratio Lower Upper
43 100
61 15.1 11.8 17.6
70 12.0 9.3 13.9

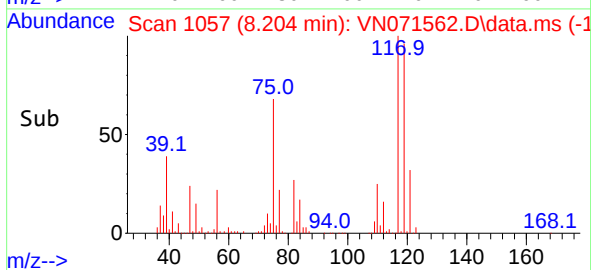
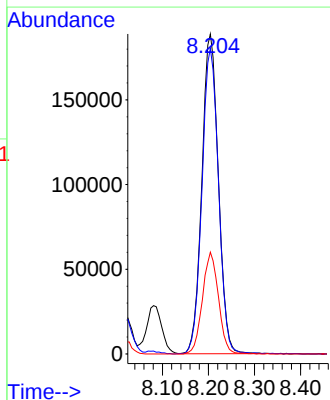
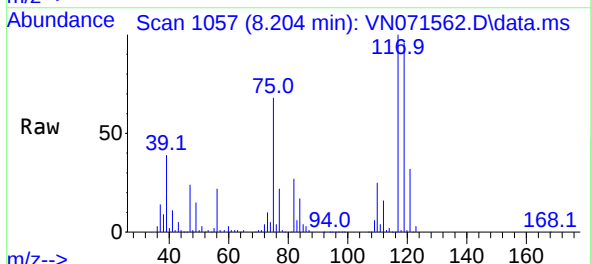
Manual Integrations
APPROVED

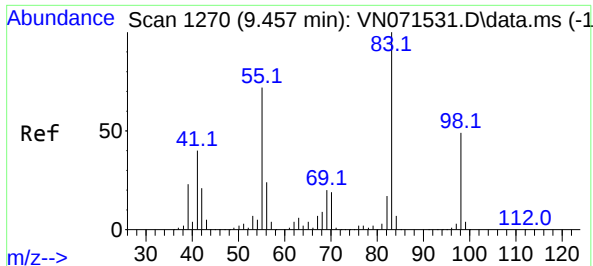
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#38
Carbon Tetrachloride
Concen: 45.703 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

Tgt Ion:117 Resp: 471383
Ion Ratio Lower Upper
117 100
119 95.6 75.8 113.8
121 31.8 24.6 37.0





#39
Methylcyclohexane
Concen: 46.194 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

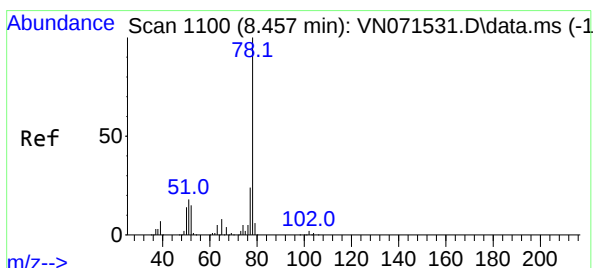
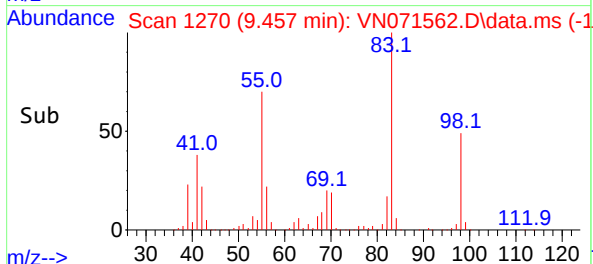
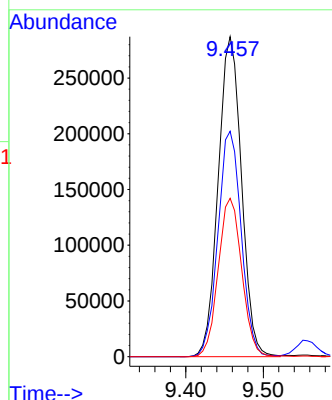
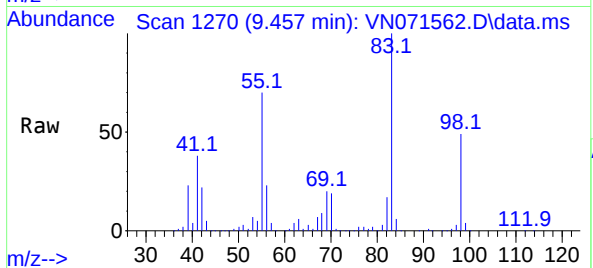
Tgt Ion: 83 Resp: 59965
Ion Ratio Lower Upper
83 100
55 70.4 57.8 86.8
98 49.5 39.4 59.2

Manual Integrations

APPROVED

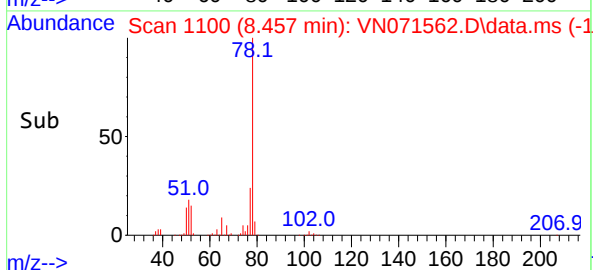
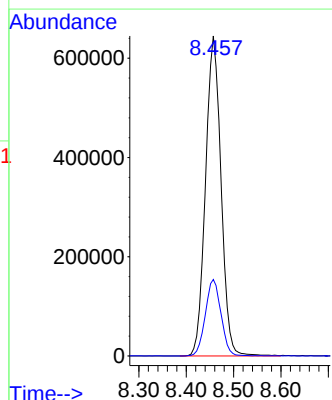
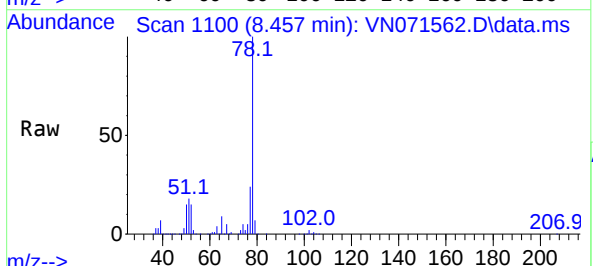
Reviewed By :John Carlone 03/26/2022

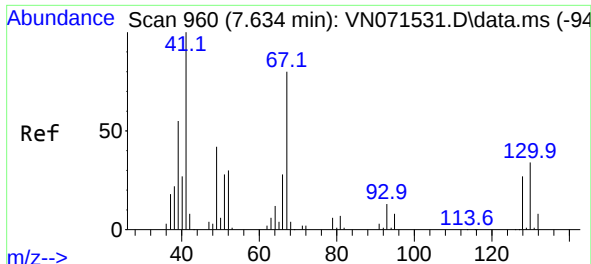
Supervised By :Mahesh Dadoda 03/28/2022



#40
Benzene
Concen: 44.578 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

Tgt Ion: 78 Resp: 1468253
Ion Ratio Lower Upper
78 100
77 23.9 19.4 29.0





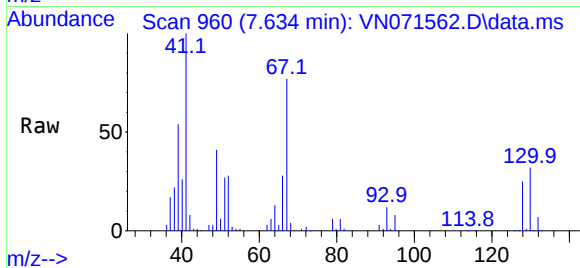
#41
Methacrylonitrile
Concen: 51.890 ug/l
RT: 7.634 min Scan# 960
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

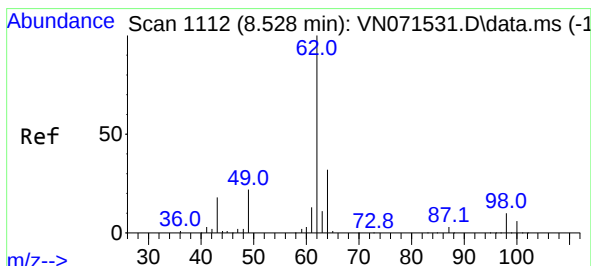
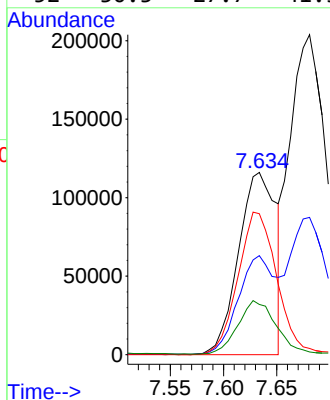
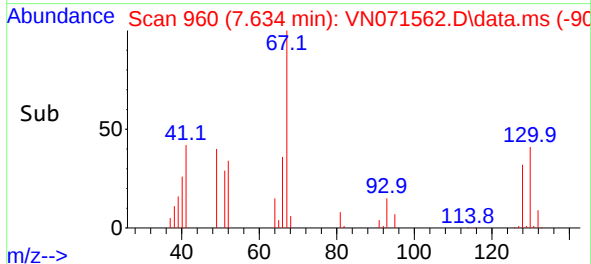


Tgt Ion: 41 Resp: 284128
Ion Ratio Lower Upper
41 100
39 53.3 48.6 73.0
67 82.6 73.4 110.2
52 30.3 27.7 41.5

Manual Integrations

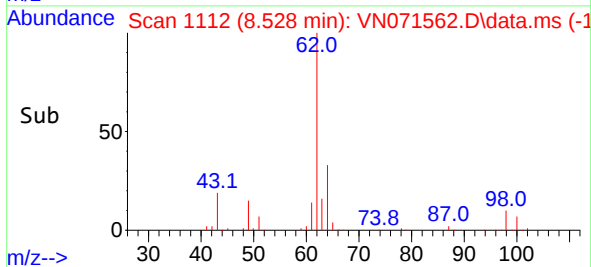
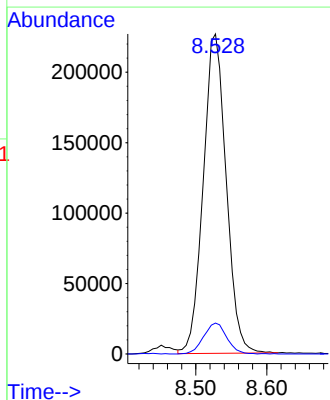
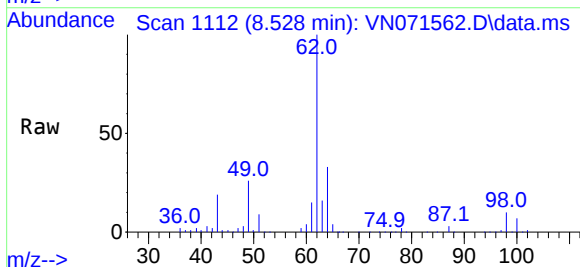
APPROVED

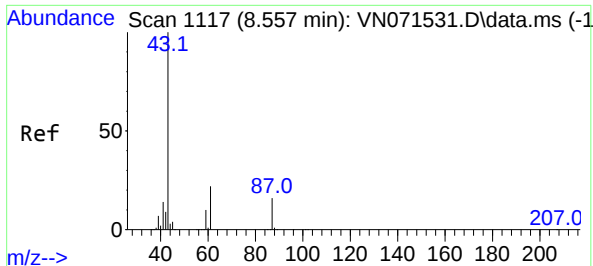
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#42
1,2-Dichloroethane
Concen: 44.331 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

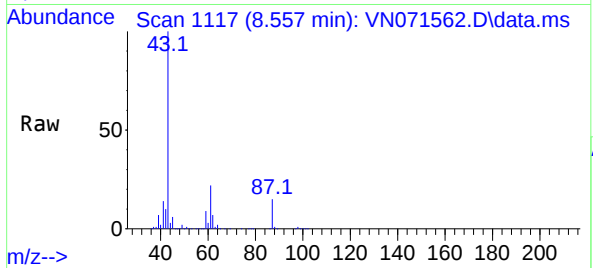
Tgt Ion: 62 Resp: 509290
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.4





#43
Isopropyl Acetate
Concen: 48.511 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

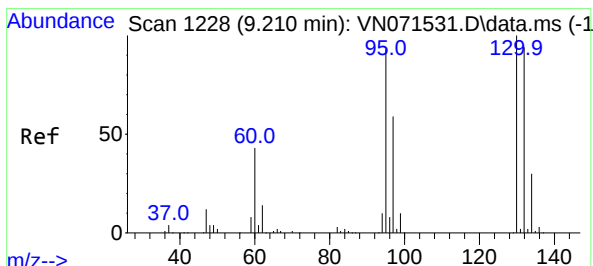
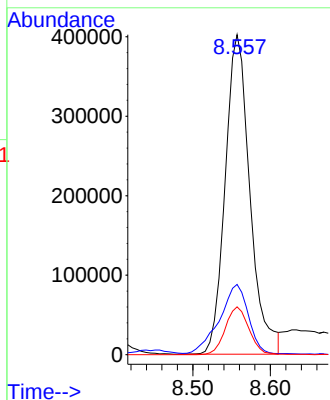
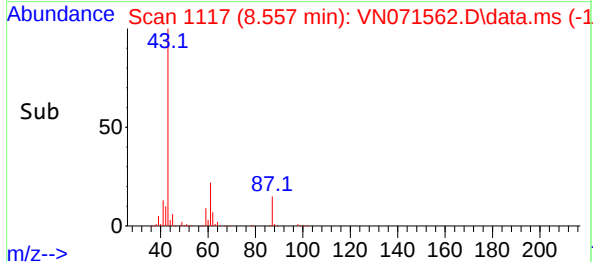
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 894600
Ion Ratio Lower Upper
43 100
61 25.7 21.9 32.9
87 14.3 12.0 18.0

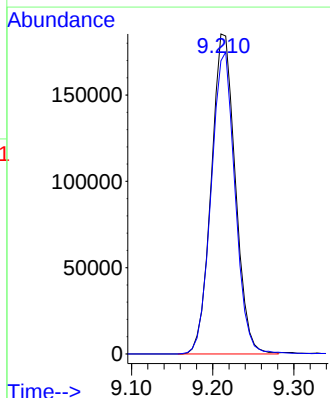
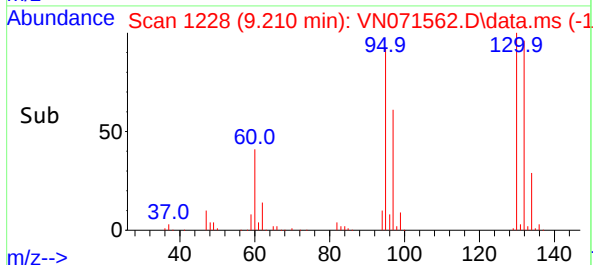
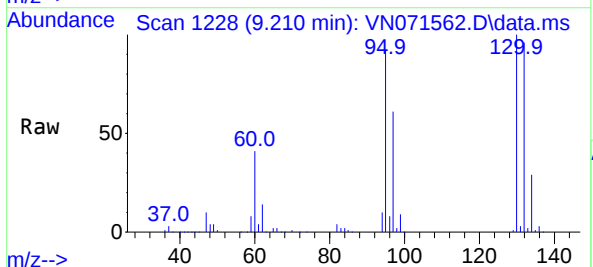
Manual Integrations
APPROVED

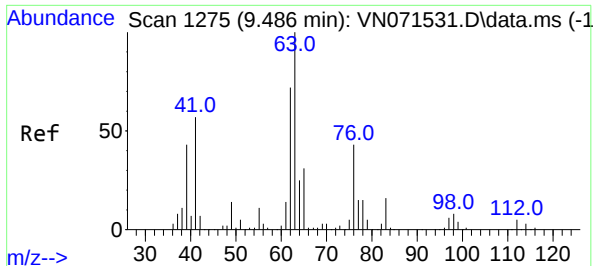
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#44
Trichloroethene
Concen: 44.678 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

Tgt Ion:130 Resp: 381982
Ion Ratio Lower Upper
130 100
95 91.6 0.0 186.8





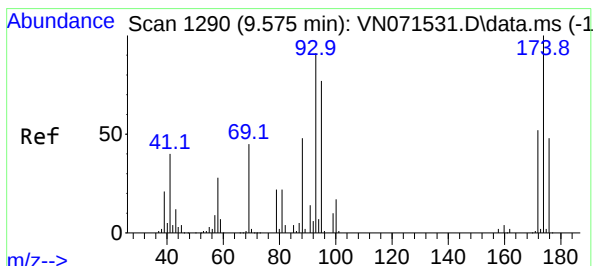
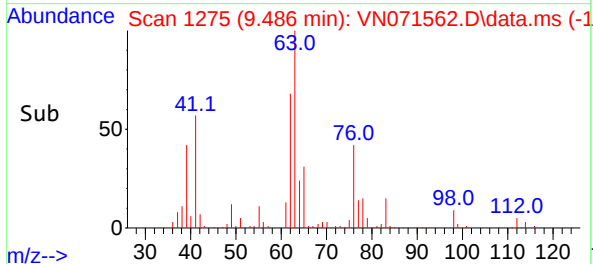
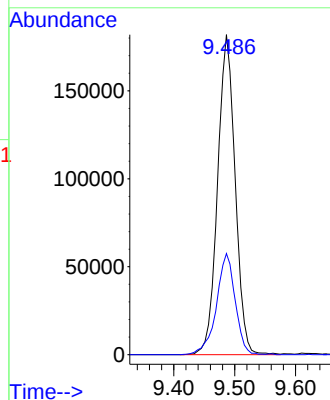
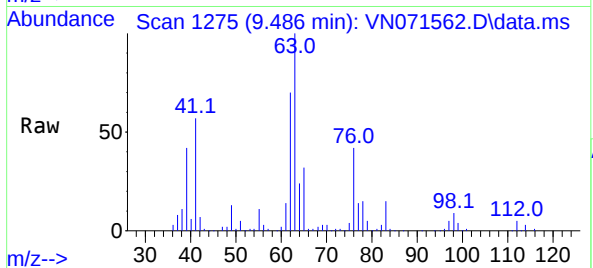
#45
1,2-Dichloropropane
Concen: 44.760 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 365194
Ion Ratio Lower Upper
63 100
65 31.6 24.9 37.3

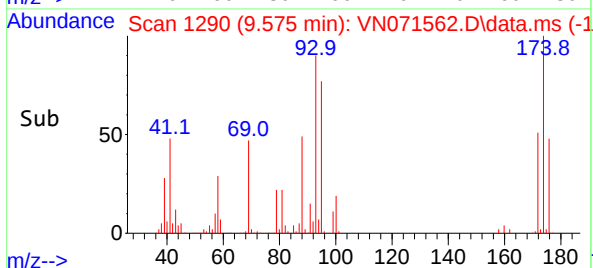
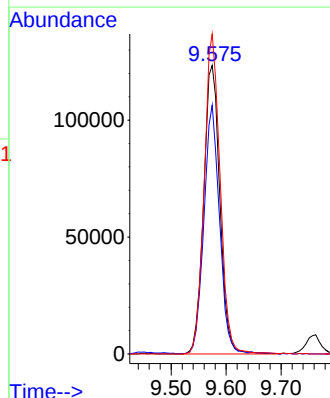
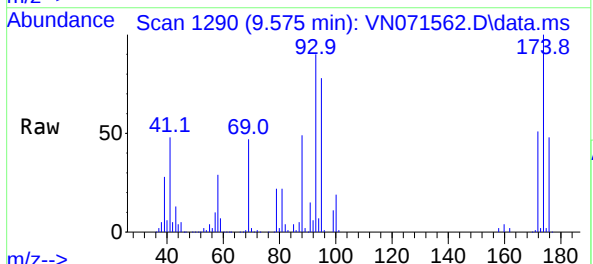
Manual Integrations
APPROVED

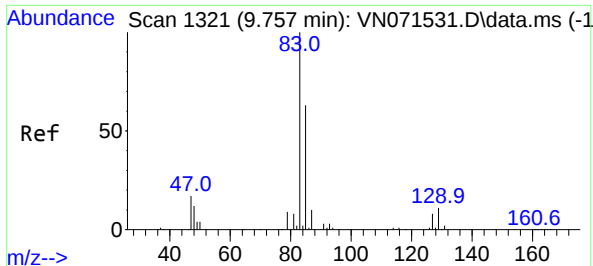
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#46
Dibromomethane
Concen: 45.639 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

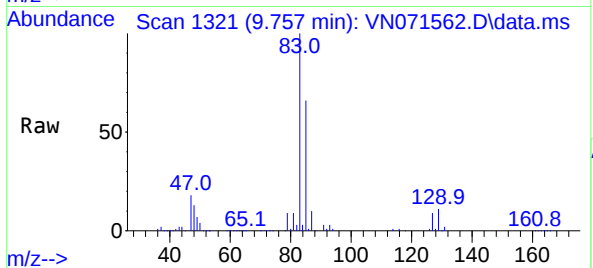
Tgt Ion: 93 Resp: 253432
Ion Ratio Lower Upper
93 100
95 82.9 66.9 100.3
174 108.8 86.6 130.0





#47
Bromodichloromethane
Concen: 46.129 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

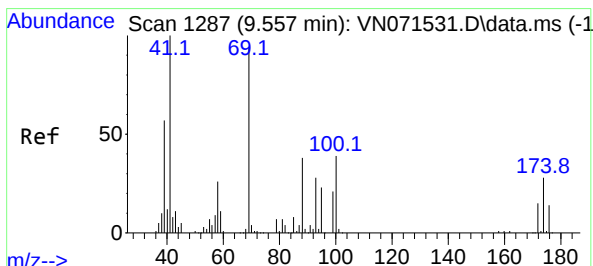
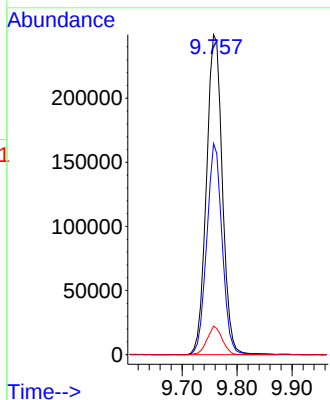
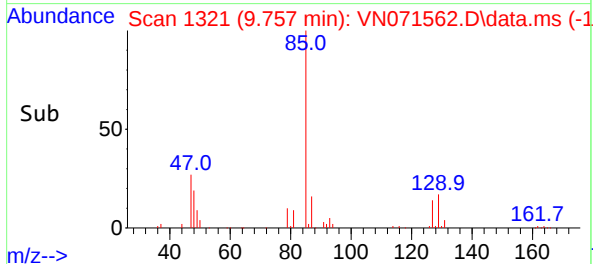
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



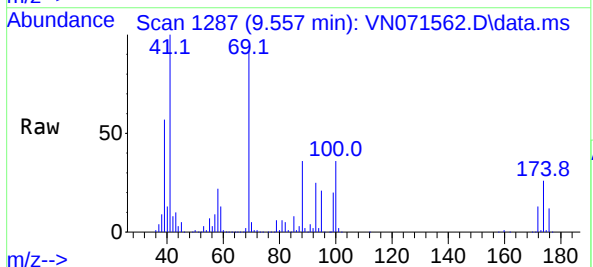
Tgt Ion: 83 Resp: 502070
Ion Ratio Lower Upper
83 100
85 66.0 50.5 75.7
127 8.9 6.8 10.2

Manual Integrations
APPROVED

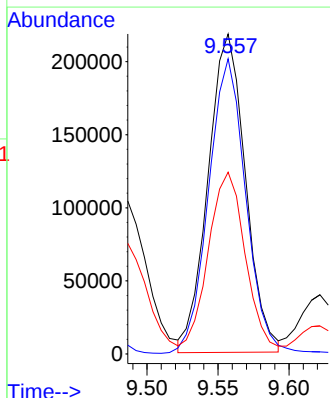
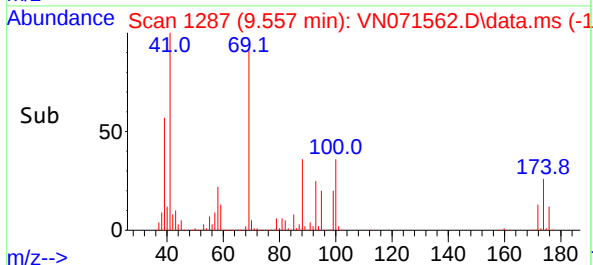
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

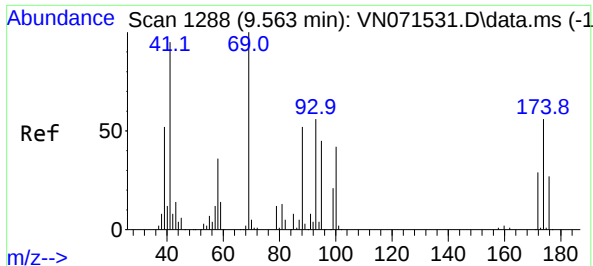


#48
Methyl methacrylate
Concen: 47.964 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08



Tgt Ion: 41 Resp: 399360
Ion Ratio Lower Upper
41 100
69 93.5 74.7 112.1
39 57.5 45.6 68.4





#49

1,4-Dioxane

Concen: 966.012 ug/l

RT: 9.563 min Scan# 1288

Delta R.T. -0.000 min

Lab File: VN071562.D

Acq: 25 Mar 2022 21:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 185594

Ion Ratio Lower Upper

88 100

43 25.3 20.2 30.4

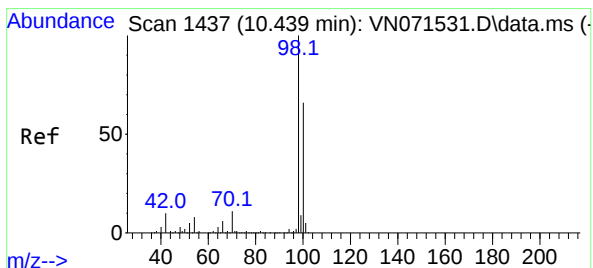
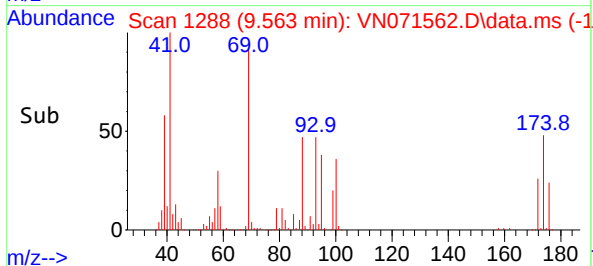
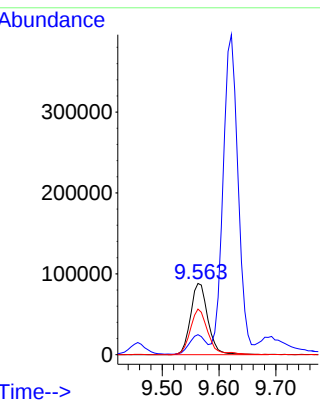
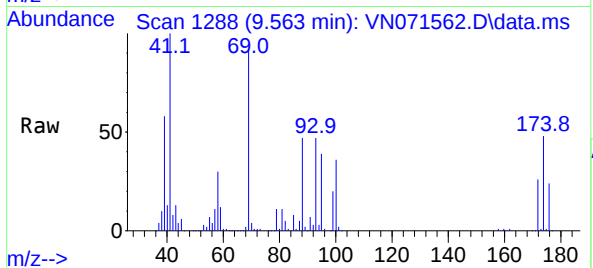
58 65.8 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#50

Toluene-d8

Concen: 48.822 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. -0.000 min

Lab File: VN071562.D

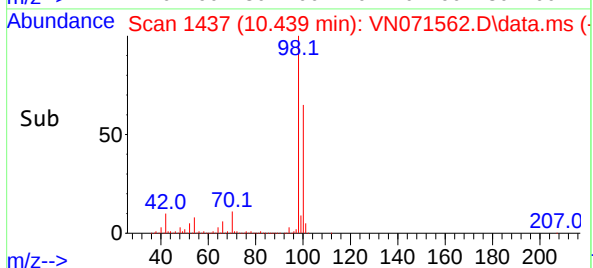
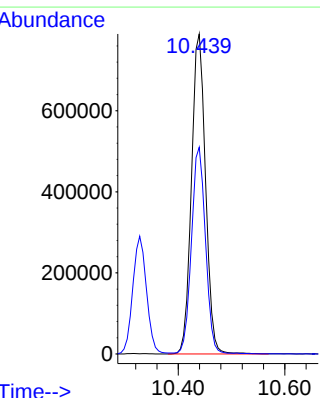
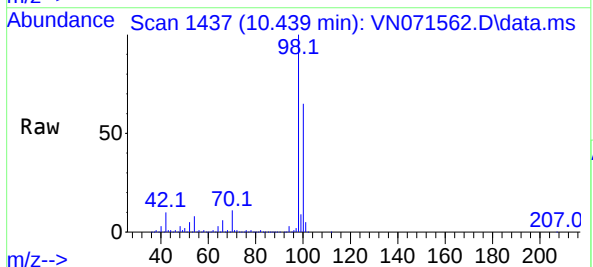
Acq: 25 Mar 2022 21:08

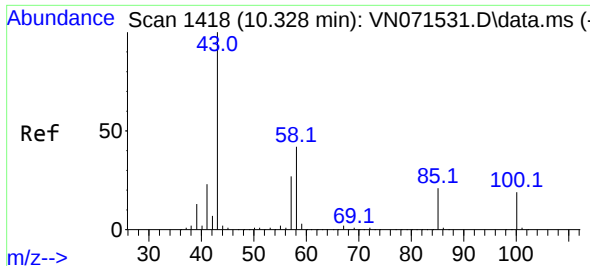
Tgt Ion: 98 Resp: 1445143

Ion Ratio Lower Upper

98 100

100 64.6 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 236.039 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

Instrument :

MSVOA_N

ClientSampleId :

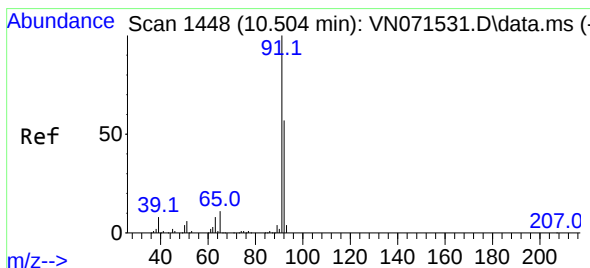
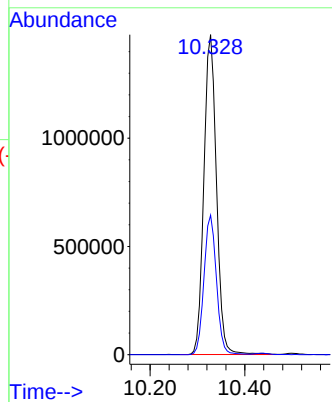
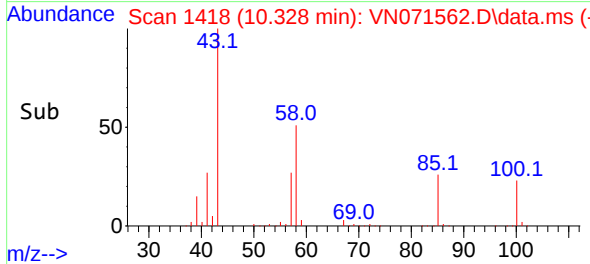
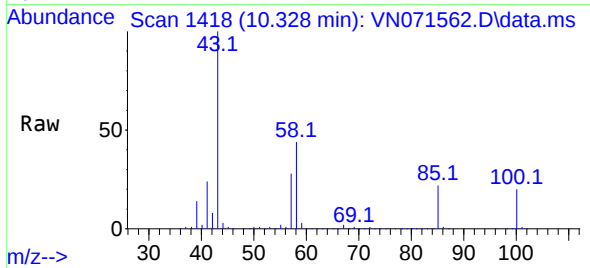
VSTDCCC050EC

Tgt Ion: 43 Resp: 2725450
Ion Ratio Lower Upper
43 100
58 43.0 34.1 51.1

Manual Integrations

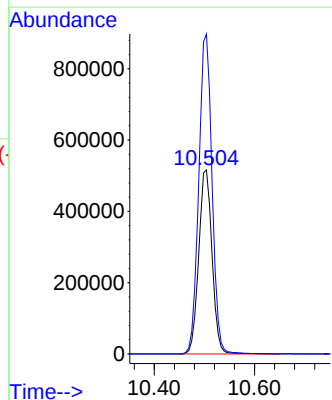
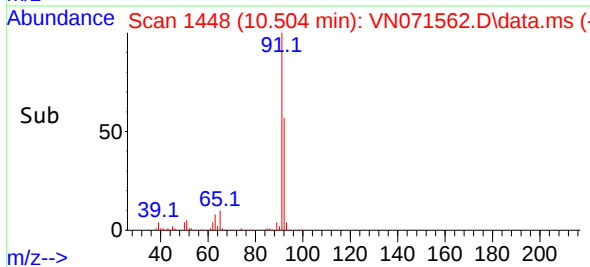
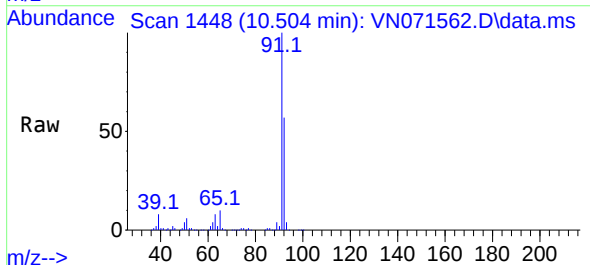
APPROVED

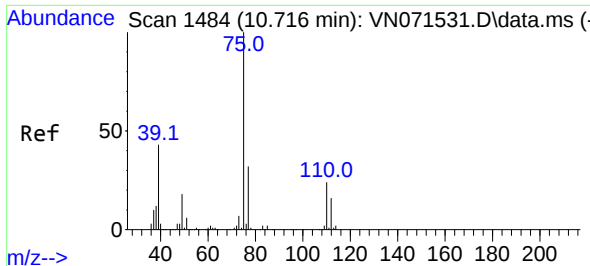
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#52
Toluene
Concen: 46.043 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

Tgt Ion: 92 Resp: 949160
Ion Ratio Lower Upper
92 100
91 173.5 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 45.321 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

Instrument :

MSVOA_N

ClientSampleId :

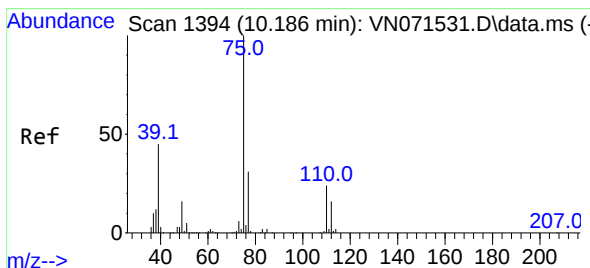
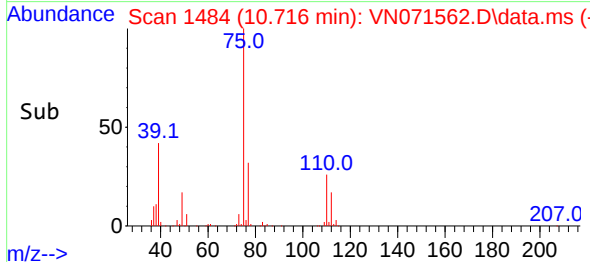
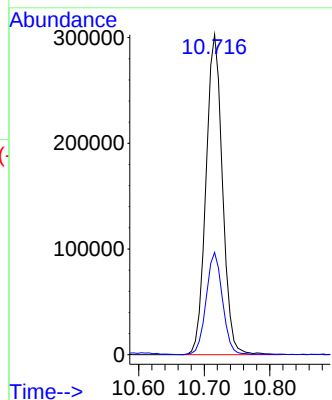
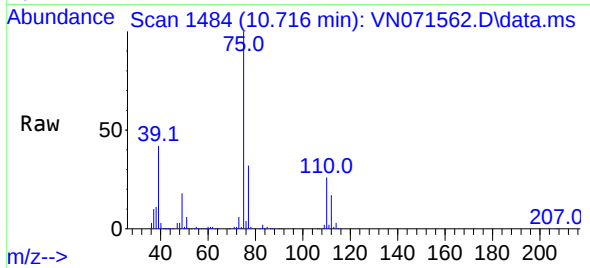
VSTDCCC050EC

Tgt Ion: 75 Resp: 53041
Ion Ratio Lower Upper
75 100
77 31.9 25.6 38.4

Manual Integrations

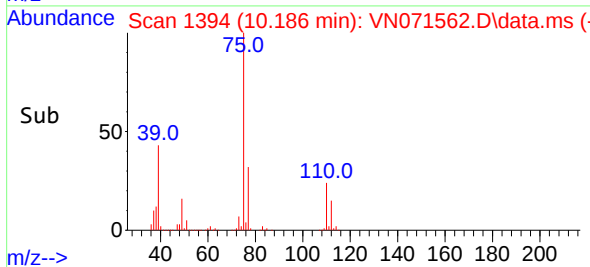
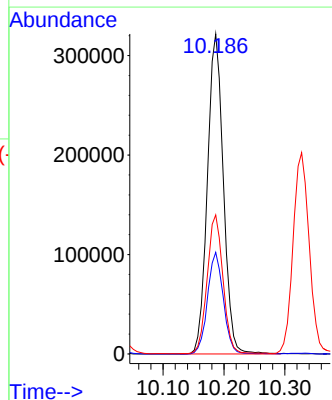
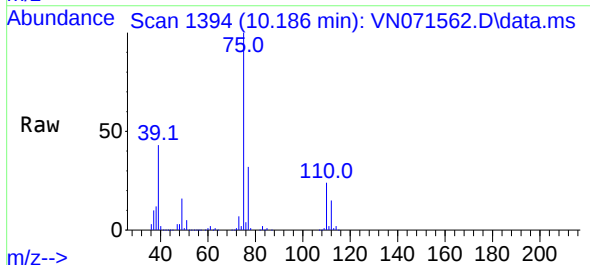
APPROVED

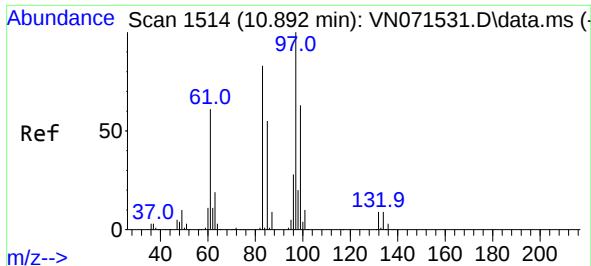
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#54
cis-1,3-Dichloropropene
Concen: 45.406 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

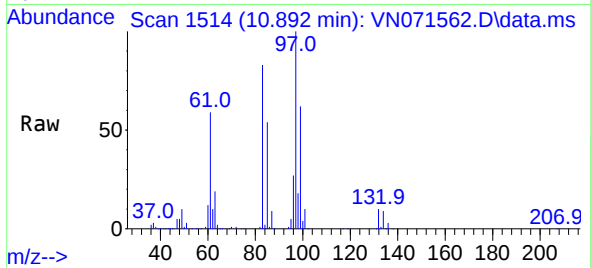
Tgt Ion: 75 Resp: 586013
Ion Ratio Lower Upper
75 100
77 31.8 25.2 37.8
39 43.4 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 44.982 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

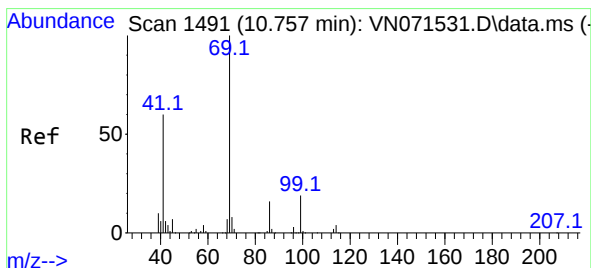
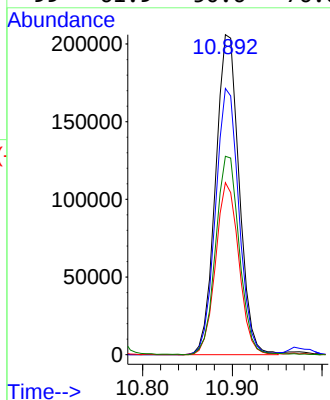
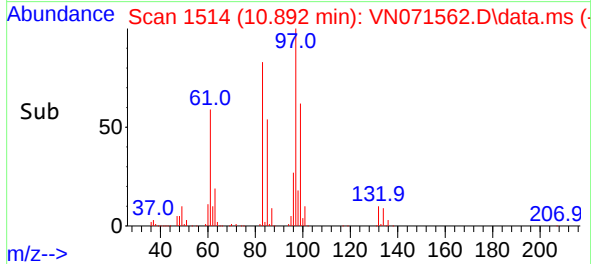


Tgt Ion: 97 Resp: 37592

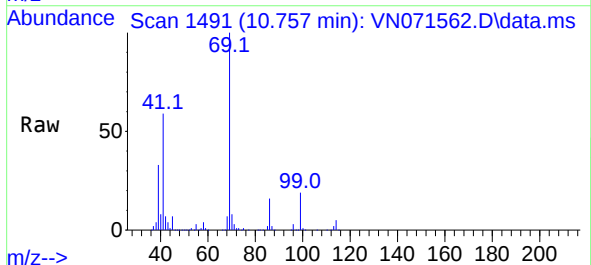
Ion	Ratio	Lower	Upper
97	100		
83	83.2	66.2	99.4
85	53.8	43.9	65.9
99	61.9	50.6	76.0

Manual Integrations
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Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

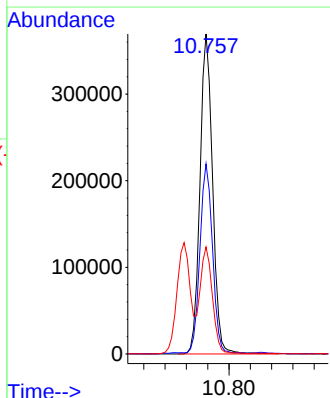
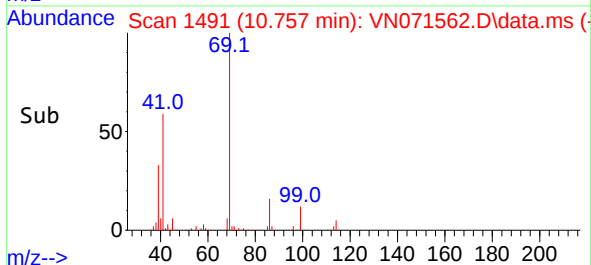


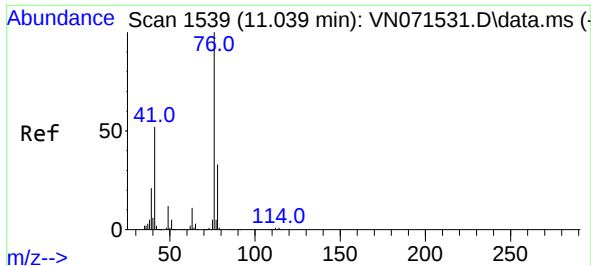
#56
Ethyl methacrylate
Concen: 48.013 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08



Tgt Ion: 69 Resp: 604857

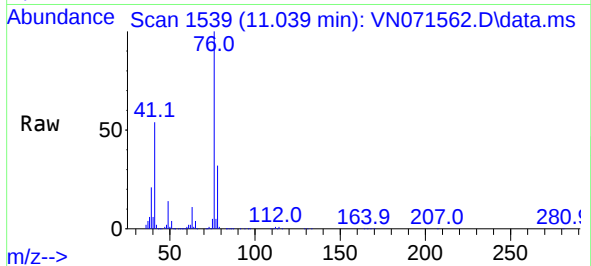
Ion	Ratio	Lower	Upper
69	100		
41	60.5	47.8	71.6
39	33.7	27.3	40.9





#57
1,3-Dichloropropane
Concen: 45.441 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

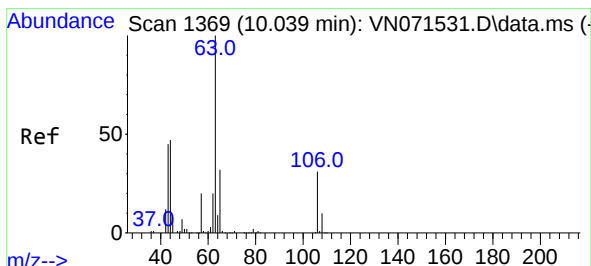
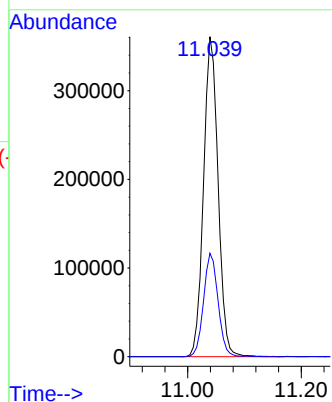
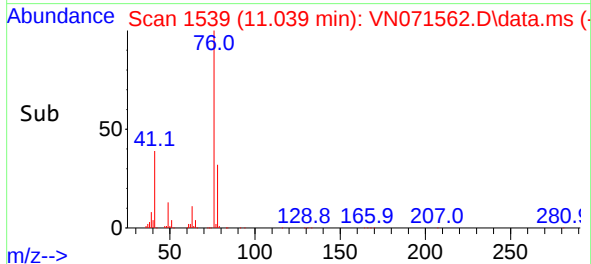
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



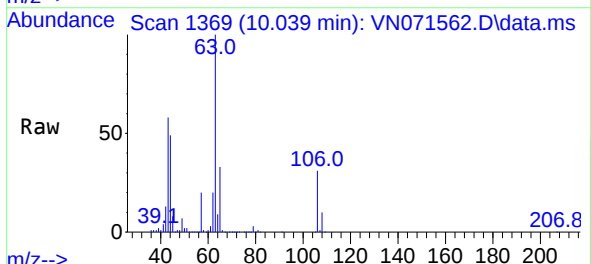
Tgt Ion: 76 Resp: 63896
Ion Ratio Lower Upper
76 100
78 32.3 26.2 39.2

Manual Integrations
APPROVED

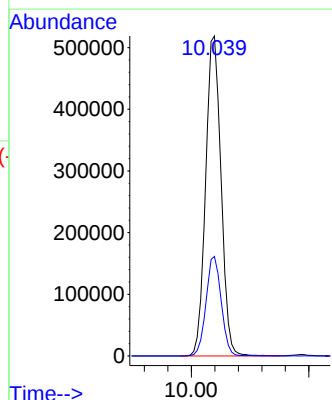
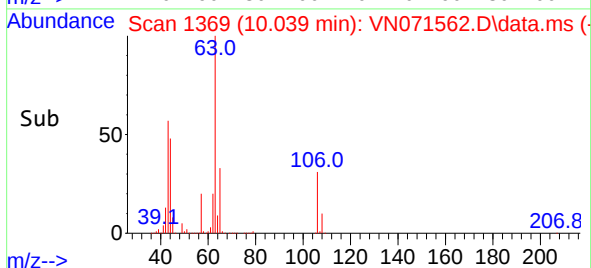
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

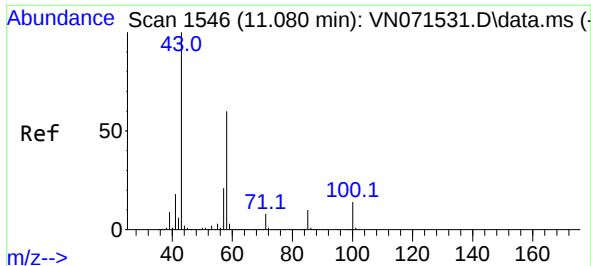


#58
2-Chloroethyl Vinyl ether
Concen: 237.690 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08



Tgt Ion: 63 Resp: 941329
Ion Ratio Lower Upper
63 100
106 30.6 24.6 36.8





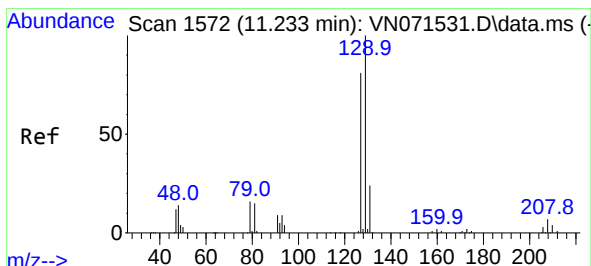
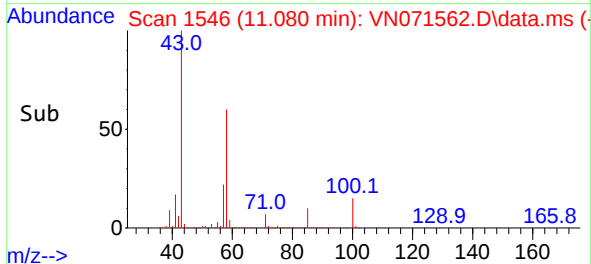
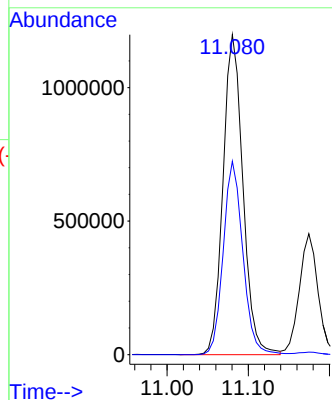
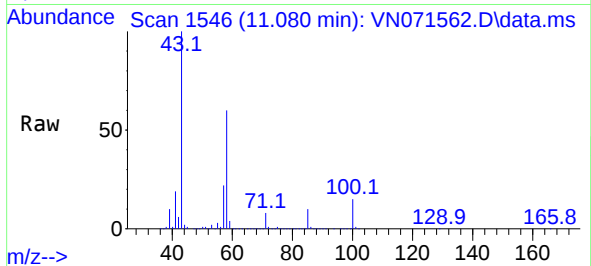
#59
2-Hexanone
Concen: 245.809 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 204610
Ion Ratio Lower Upper
43 100
58 59.3 29.7 89.1

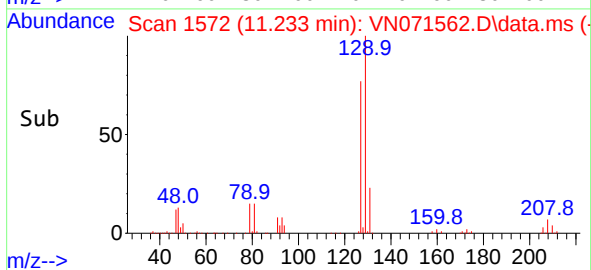
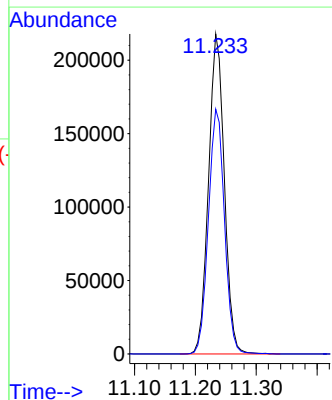
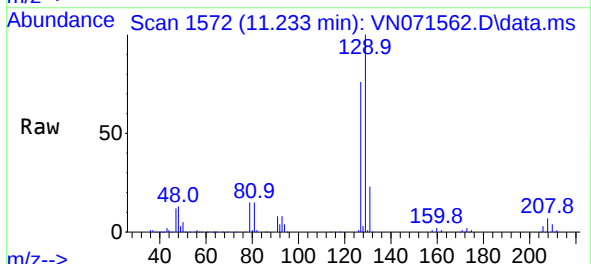
Manual Integrations
APPROVED

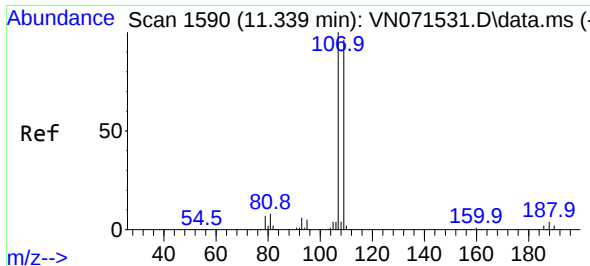
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#60
Dibromochloromethane
Concen: 46.582 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

Tgt Ion:129 Resp: 392649
Ion Ratio Lower Upper
129 100
127 77.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 46.027 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

Instrument :

MSVOA_N

ClientSampleId :

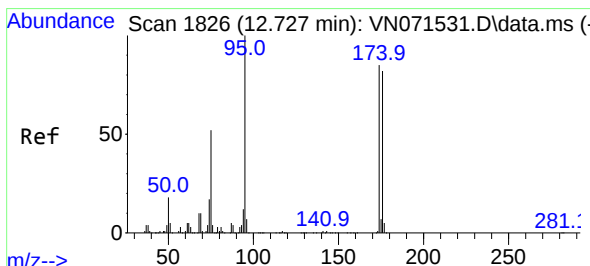
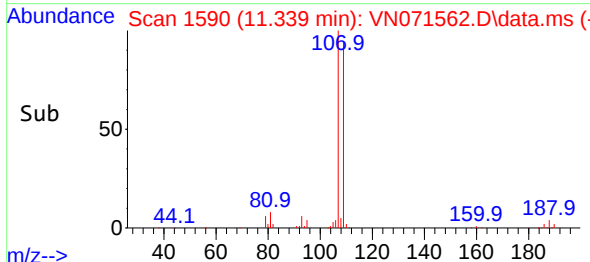
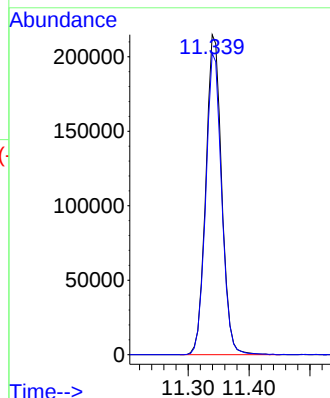
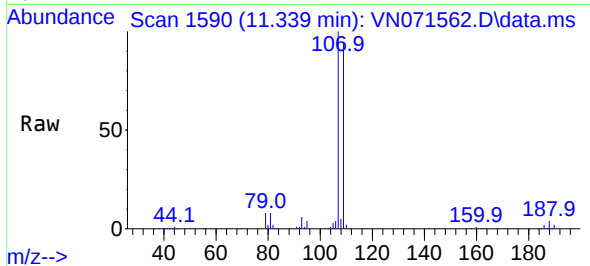
VSTDCCC050EC

Tgt Ion:107 Resp: 38808
Ion Ratio Lower Upper
107 100
109 94.3 75.0 112.6

Manual Integrations

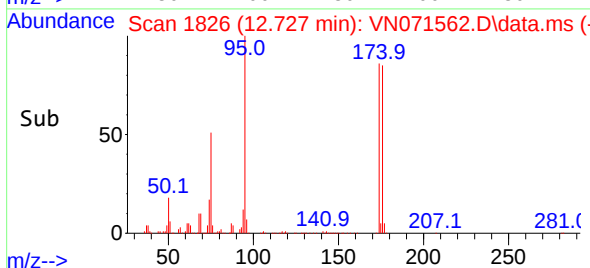
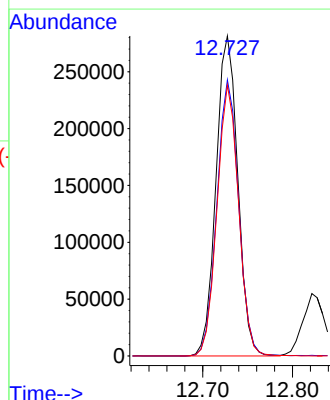
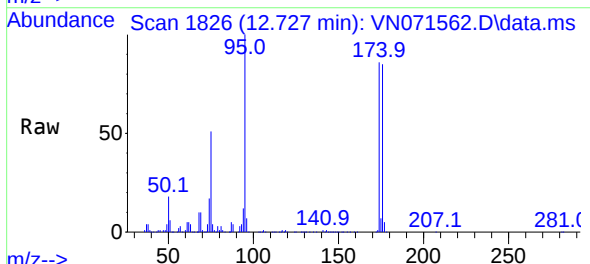
APPROVED

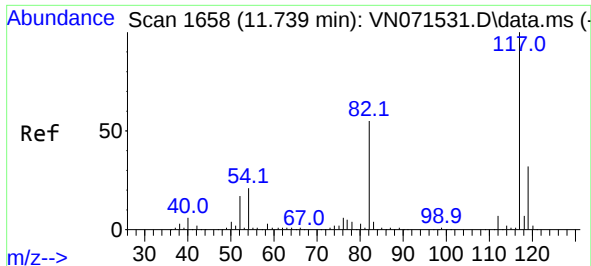
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#62
4-Bromofluorobenzene
Concen: 48.915 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

Tgt Ion: 95 Resp: 474424
Ion Ratio Lower Upper
95 100
174 86.1 0.0 167.6
176 83.7 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: VN071562.D
Acq: 25 Mar 2022 21:08

Instrument :

MSVOA_N

ClientSampleId :

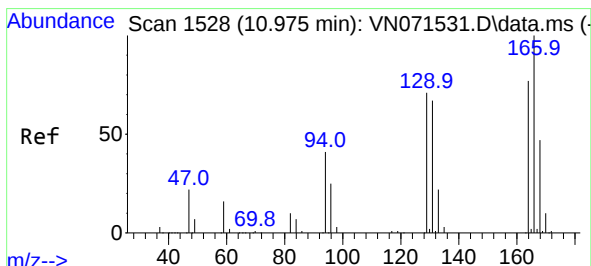
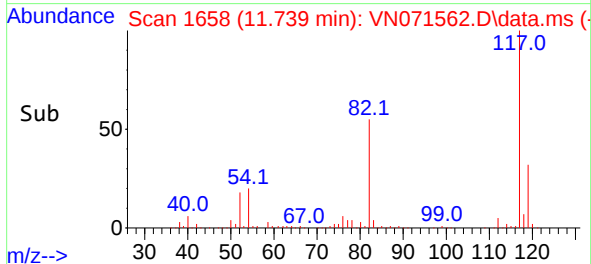
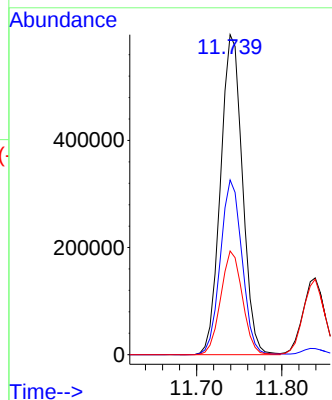
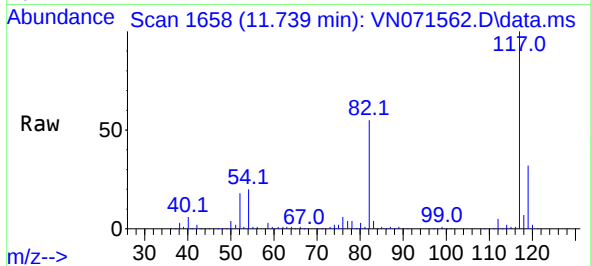
VSTDCCC050EC

Tgt Ion:117 Resp: 106616
Ion Ratio Lower Upper
117 100
82 54.6 44.2 66.2
119 32.4 25.4 38.0

Manual Integrations

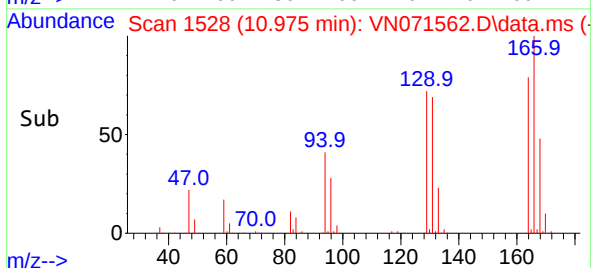
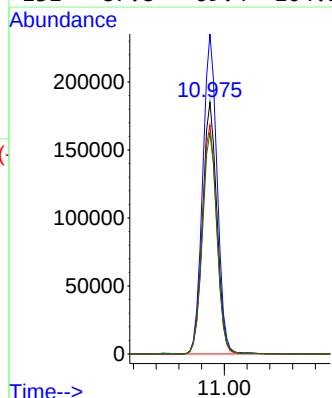
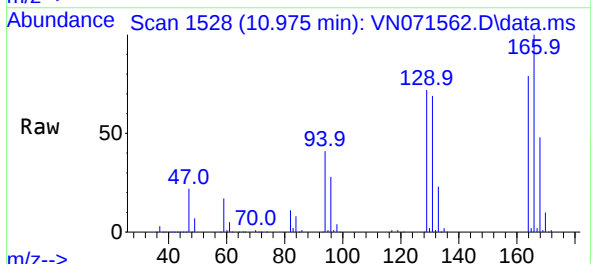
APPROVED

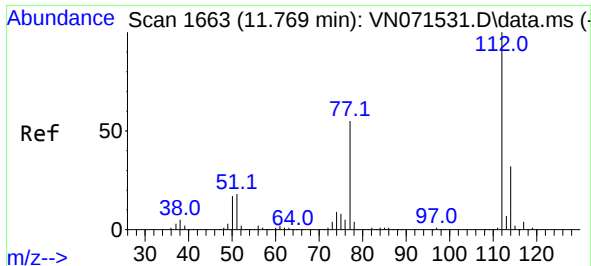
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#64
Tetrachloroethene
Concen: 44.184 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

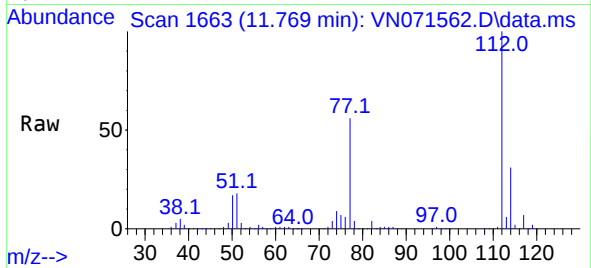
Tgt Ion:164 Resp: 325602
Ion Ratio Lower Upper
164 100
166 127.1 104.2 156.2
129 90.9 73.9 110.9
131 87.8 69.4 104.2





#65
Chlorobenzene
Concen: 44.931 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

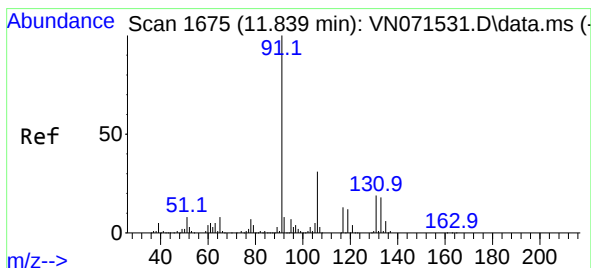
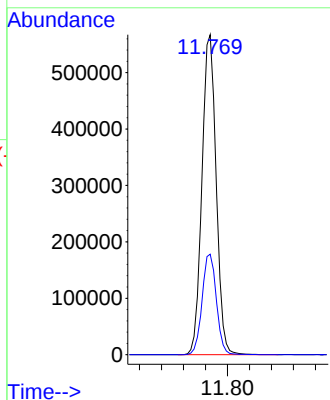
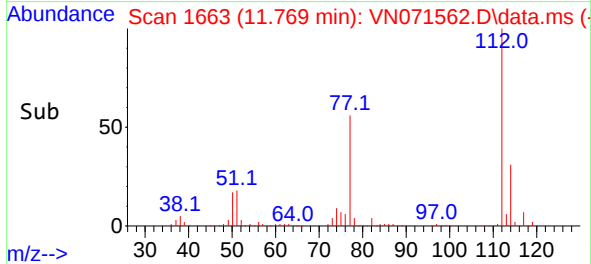
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 1016328
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.2

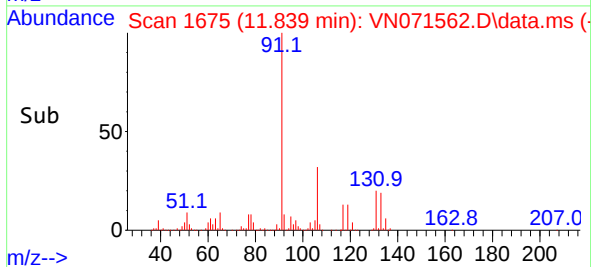
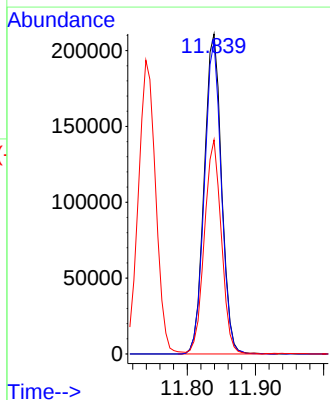
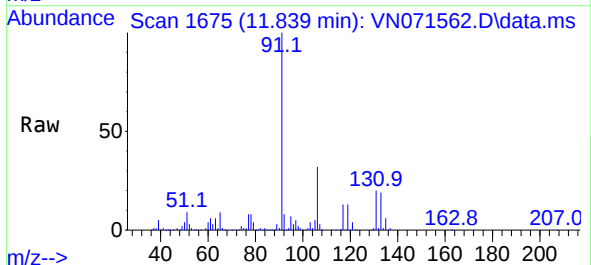
Manual Integrations
APPROVED

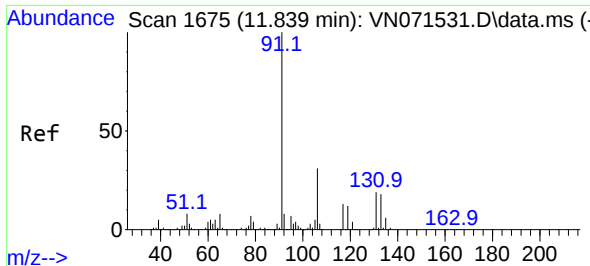
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 46.531 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

Tgt Ion:131 Resp: 372343
Ion Ratio Lower Upper
131 100
133 95.2 47.8 143.4
119 65.5 33.4 100.2





#67
Ethyl Benzene
Concen: 46.020 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

Instrument :

MSVOA_N

ClientSampleId :

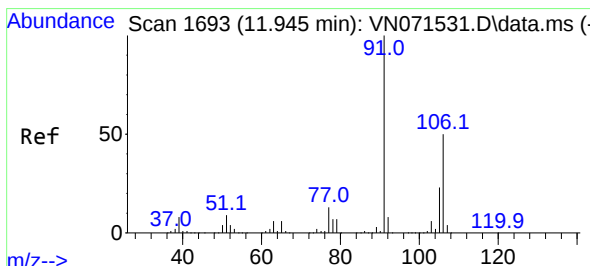
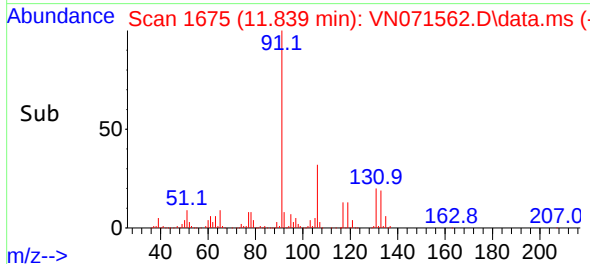
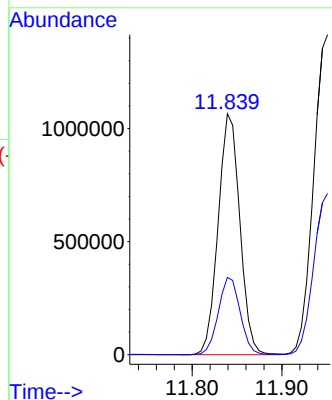
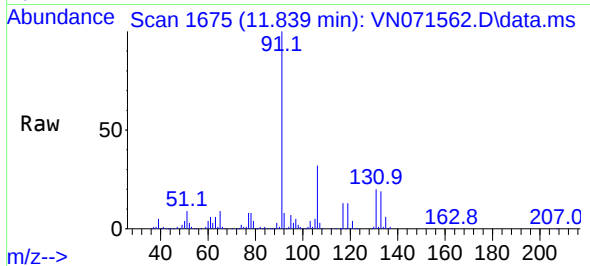
VSTDCCC050EC

Tgt Ion: 91 Resp: 178712
Ion Ratio Lower Upper
91 100
106 32.1 24.9 37.3

Manual Integrations

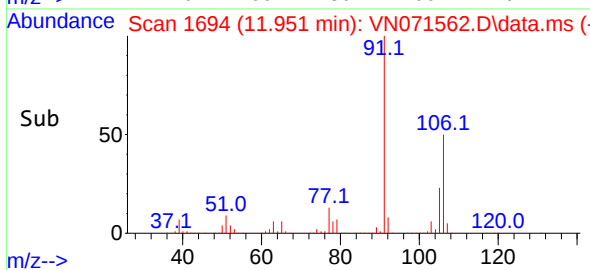
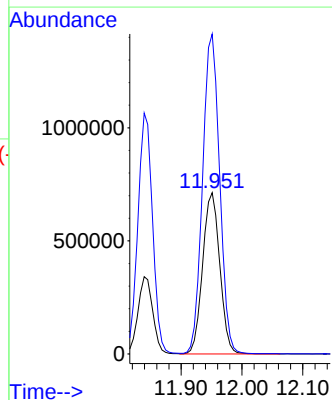
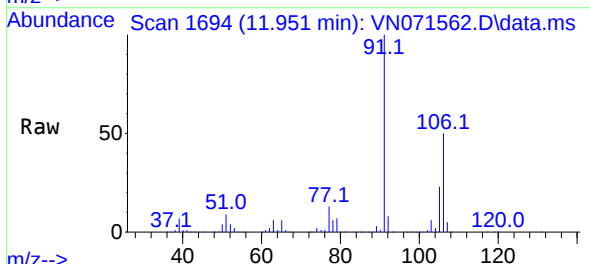
APPROVED

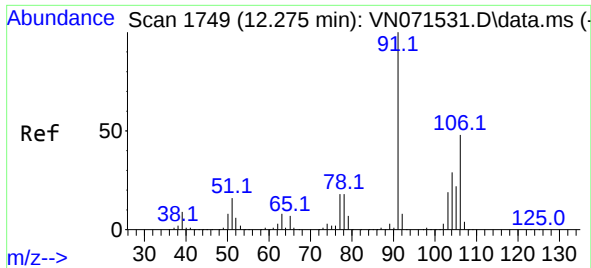
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#68
m/p-Xylenes
Concen: 93.792 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

Tgt Ion:106 Resp: 1393661
Ion Ratio Lower Upper
106 100
91 197.4 158.9 238.3





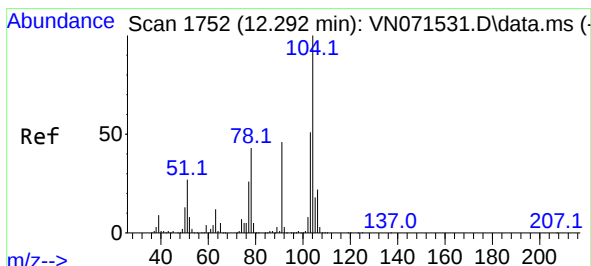
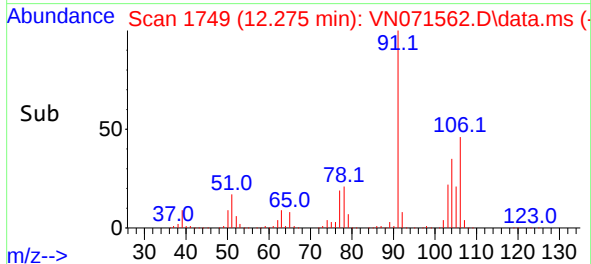
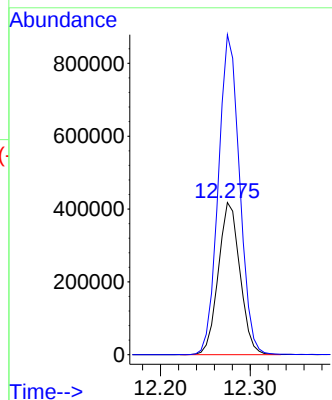
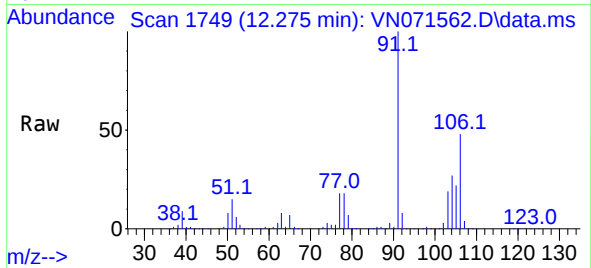
#69
o-Xylene
Concen: 47.378 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 699375
Ion Ratio Lower Upper
106 100
91 207.5 106.0 318.0

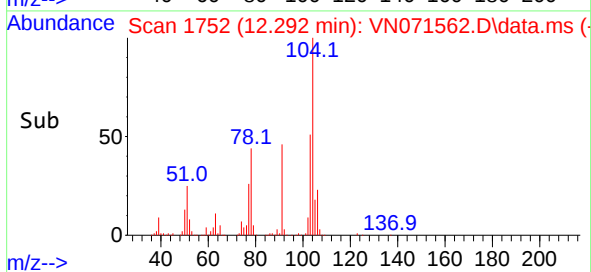
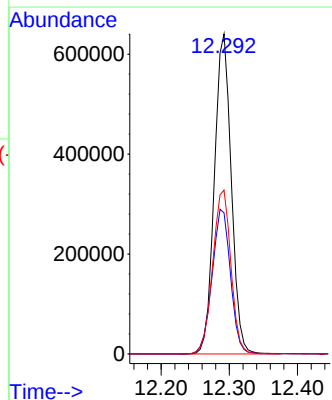
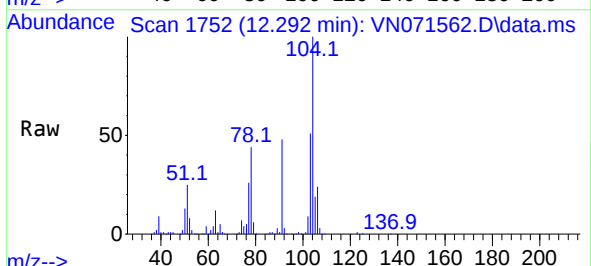
Manual Integrations
APPROVED

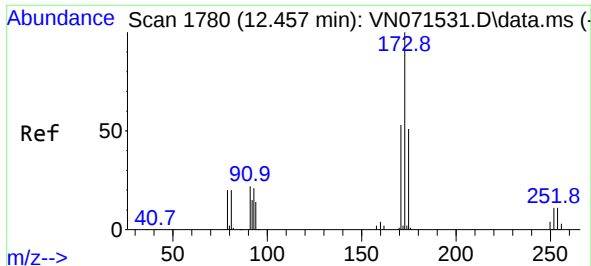
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#70
Styrene
Concen: 48.042 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

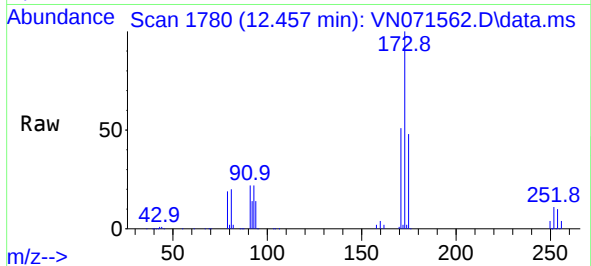
Tgt Ion:104 Resp: 1105732
Ion Ratio Lower Upper
104 100
78 49.2 39.5 59.3
103 55.2 44.0 66.0





#71
Bromoform
Concen: 48.327 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

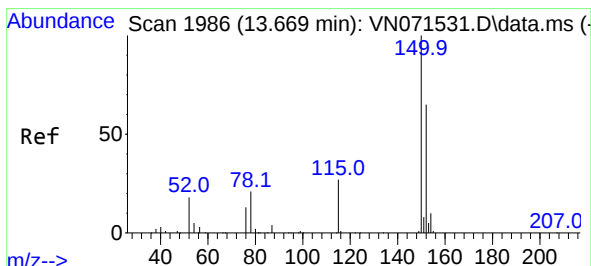
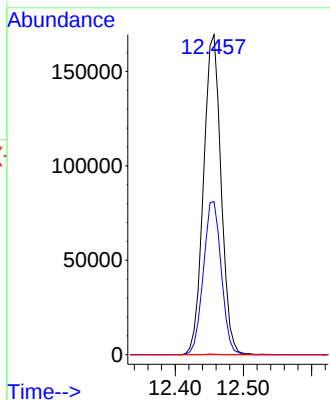
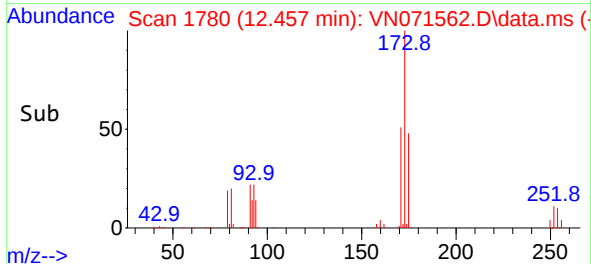
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



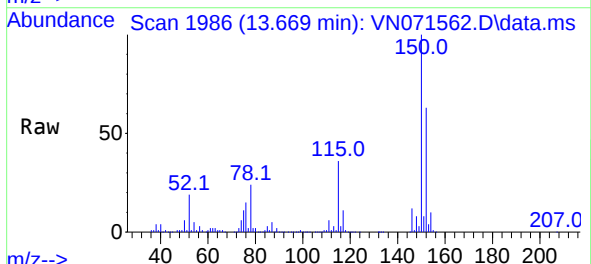
Tgt Ion:173 Resp: 30415
Ion Ratio Lower Upper
173 100
175 48.7 24.6 73.6
254 0.1 0.1 0.1

Manual Integrations
APPROVED

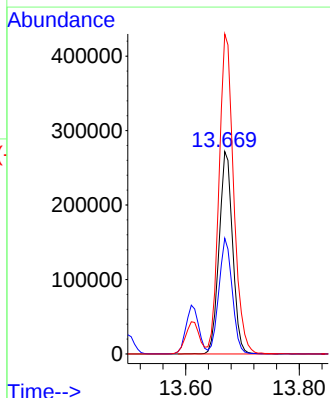
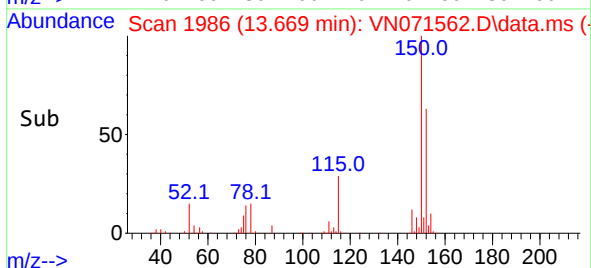
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

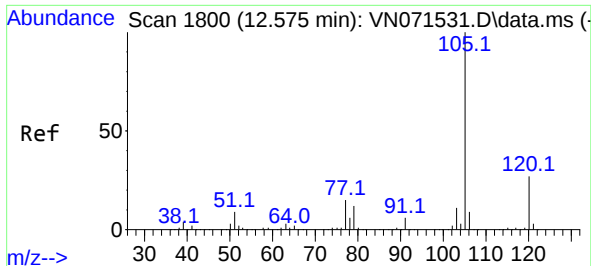


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08



Tgt Ion:152 Resp: 450492
Ion Ratio Lower Upper
152 100
115 56.3 28.9 86.7
150 171.3 0.0 356.2





#73
Isopropylbenzene
Concen: 44.324 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

Instrument :

MSVOA_N

ClientSampleId :

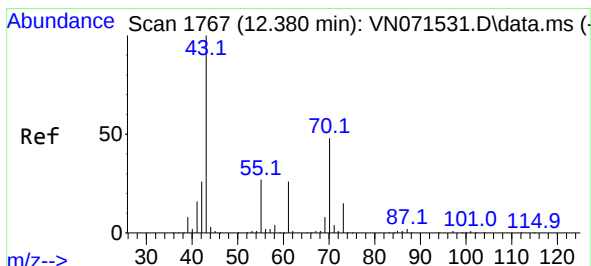
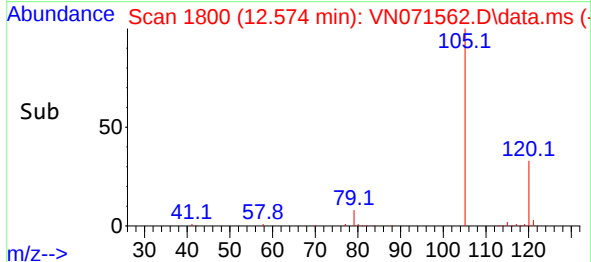
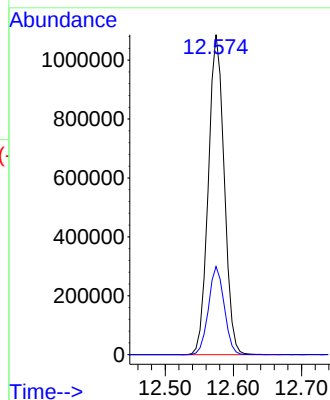
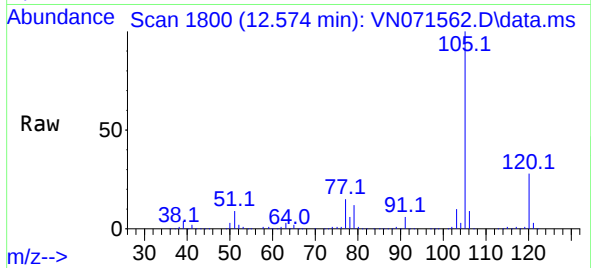
VSTDCCC050EC

Tgt Ion:105 Resp: 1760409
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.4

Manual Integrations

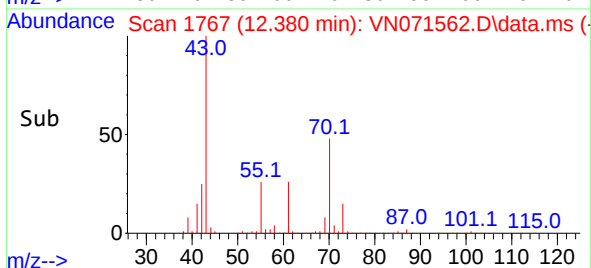
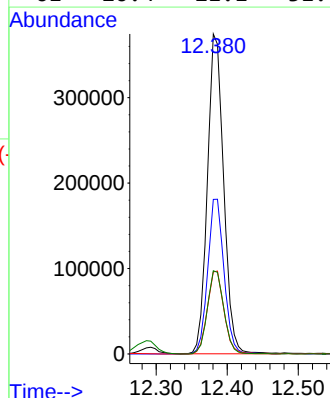
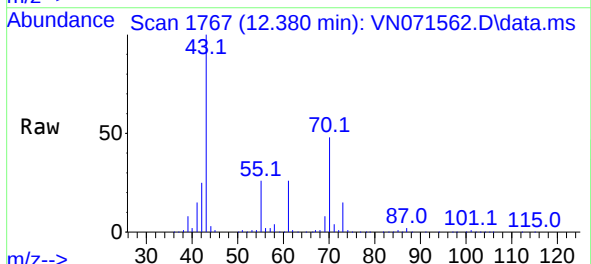
APPROVED

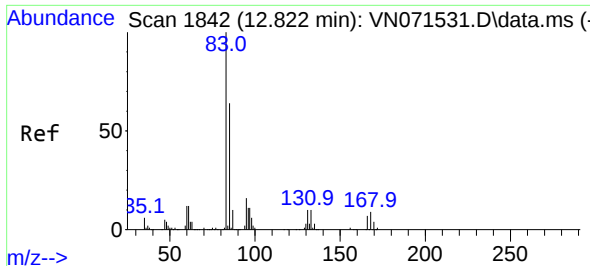
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#74
N-ethyl acetate
Concen: 46.694 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

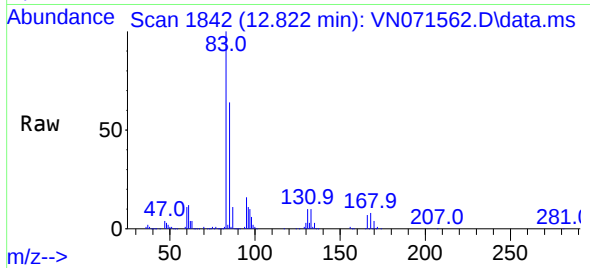
Tgt Ion: 43 Resp: 596106
Ion Ratio Lower Upper
43 100
70 48.8 39.0 58.4
55 26.6 21.1 31.7
61 26.4 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 49.080 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

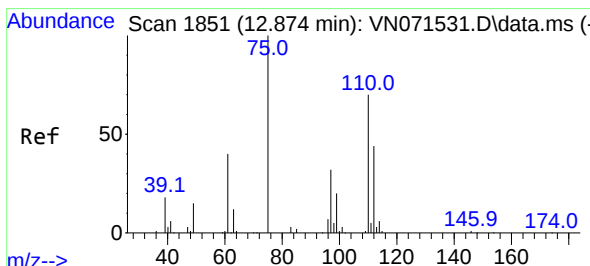
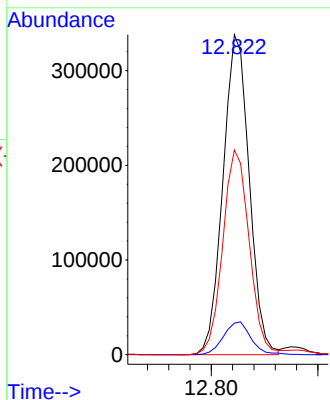
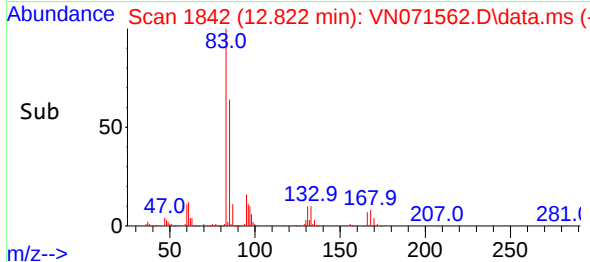
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



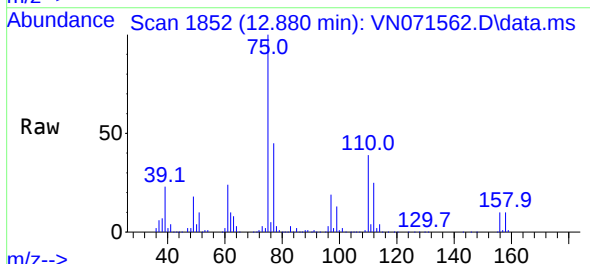
Tgt Ion: 83 Resp: 578552
Ion Ratio Lower Upper
83 100
131 10.7 5.3 15.9
85 64.6 32.3 96.9

Manual Integrations
APPROVED

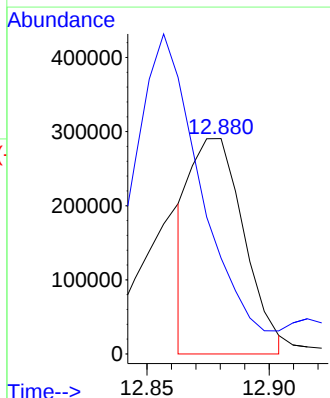
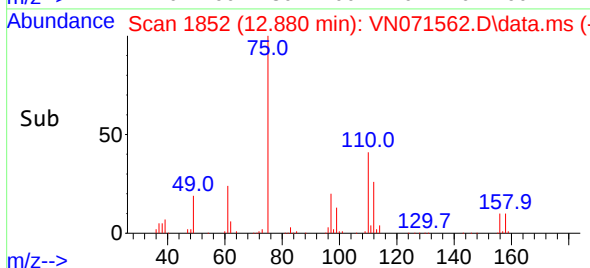
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

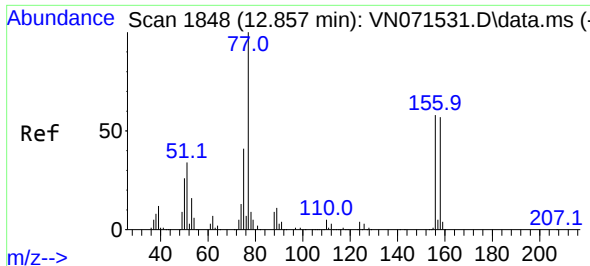


#76
1,2,3-Trichloropropane
Concen: 44.315 ug/l m
RT: 12.880 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08



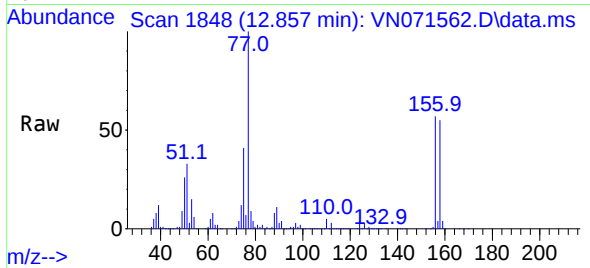
Tgt Ion: 75 Resp: 445165
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 42.910 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

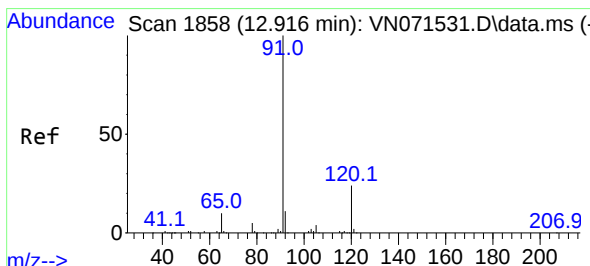
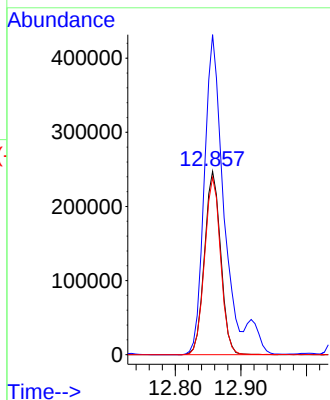
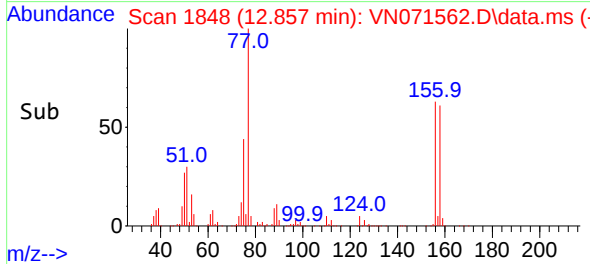
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



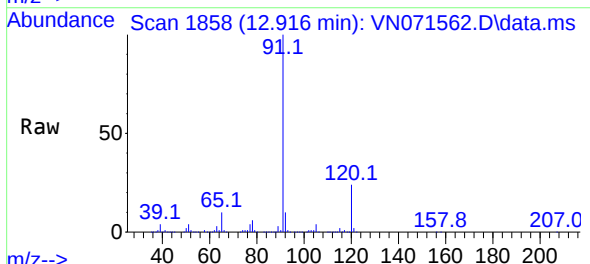
Tgt Ion:156 Resp: 424724
Ion Ratio Lower Upper
156 100
77 202.4 100.5 301.5
158 96.0 48.9 146.6

Manual Integrations
APPROVED

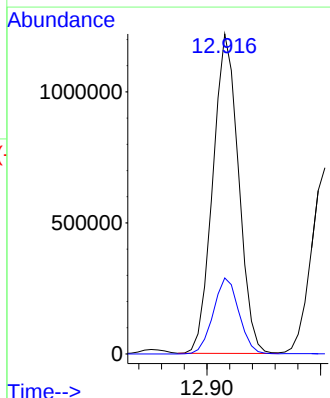
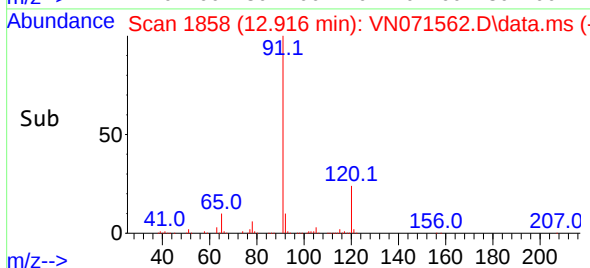
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

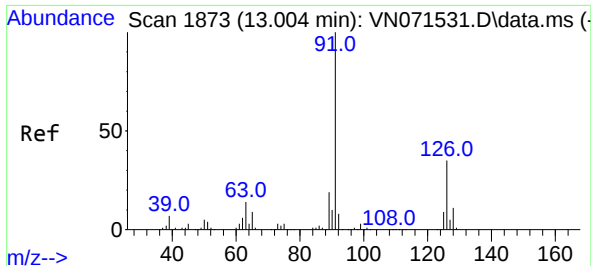


#78
n-propylbenzene
Concen: 45.356 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08



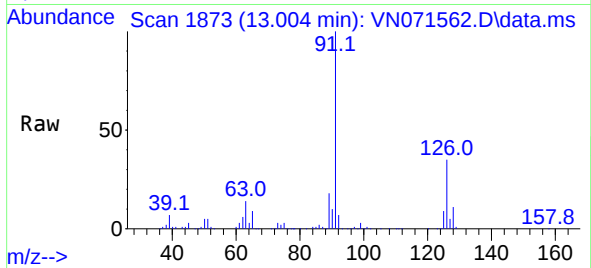
Tgt Ion: 91 Resp: 1916558
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.5





#79
2-Chlorotoluene
Concen: 43.050 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

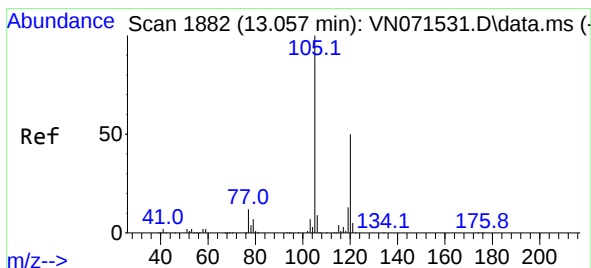
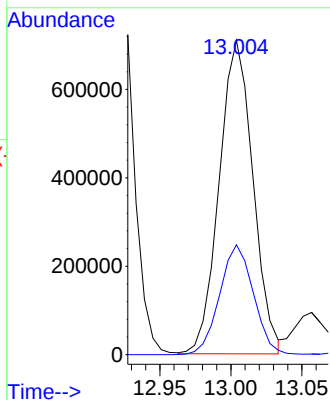
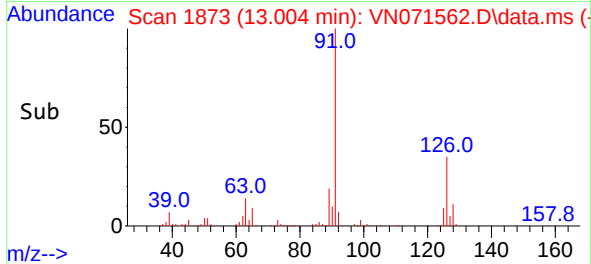
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



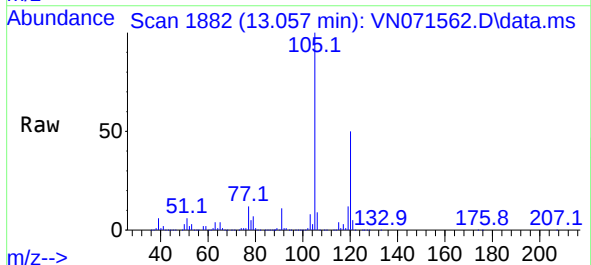
Tgt Ion: 91 Resp: 117383
Ion Ratio Lower Upper
91 100
126 35.1 17.3 51.9

Manual Integrations
APPROVED

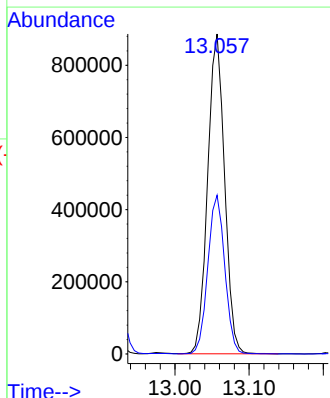
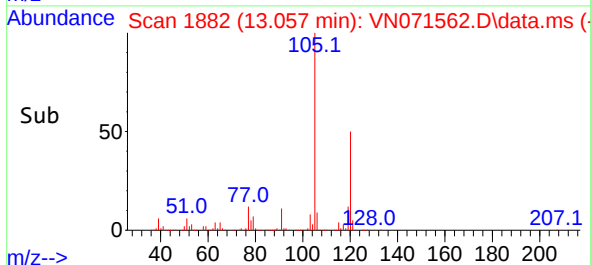
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

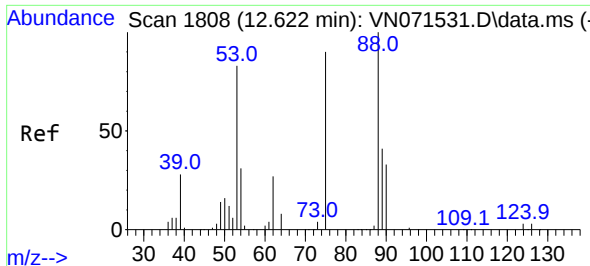


#80
1,3,5-Trimethylbenzene
Concen: 44.710 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08



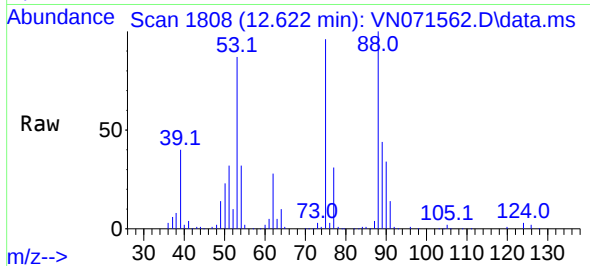
Tgt Ion:105 Resp: 1401734
Ion Ratio Lower Upper
105 100
120 49.7 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 46.077 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

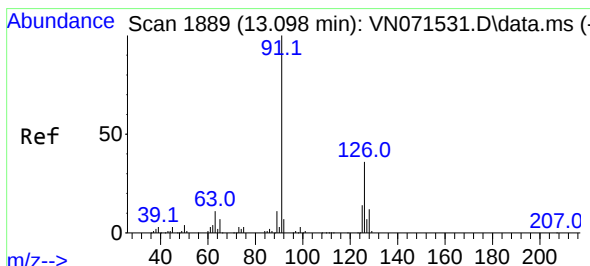
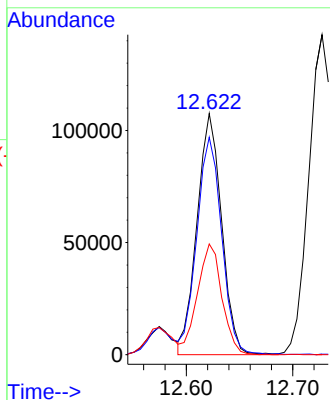
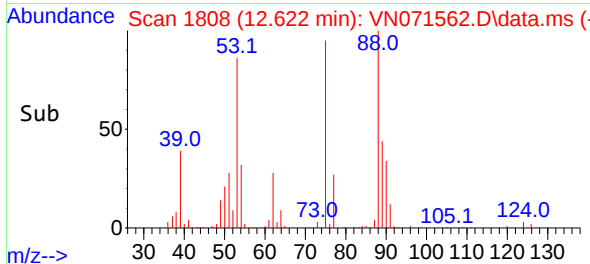
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



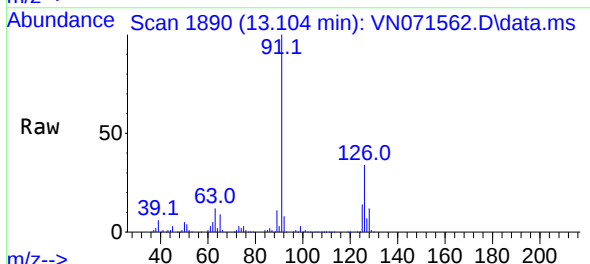
Tgt Ion: 75 Resp: 172884
Ion Ratio Lower Upper
75 100
53 91.3 78.0 117.0
89 45.9 37.2 55.8

Manual Integrations
APPROVED

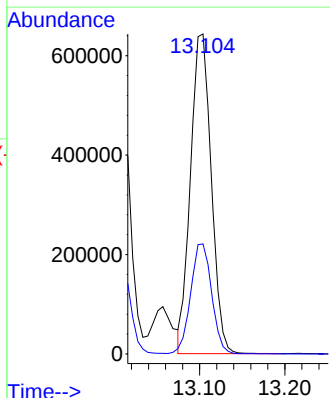
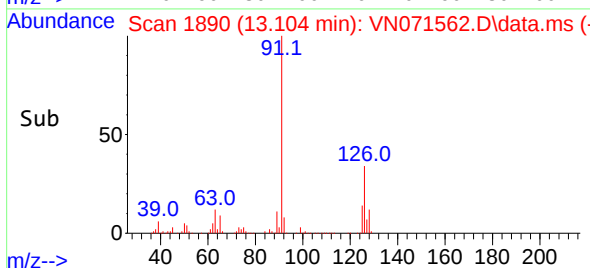
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

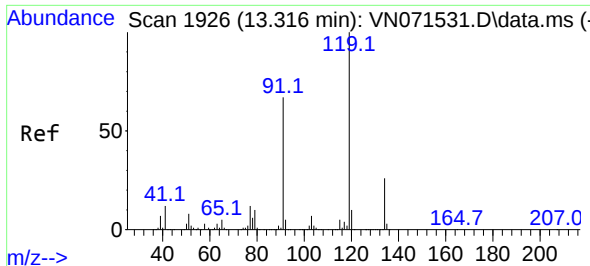


#82
4-Chlorotoluene
Concen: 43.290 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08



Tgt Ion: 91 Resp: 1086730
Ion Ratio Lower Upper
91 100
126 35.0 17.2 51.6





#83
tert-Butylbenzene
Concen: 44.983 ug/l
RT: 13.321 min Scan# 1926
Delta R.T. 0.006 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

Instrument :

MSVOA_N

ClientSampleId :

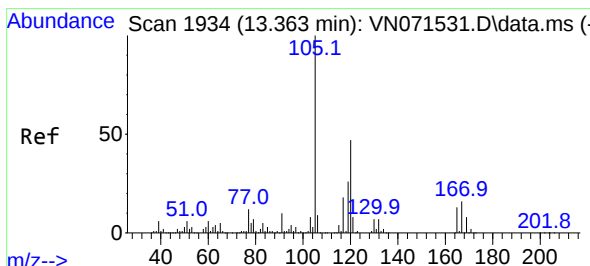
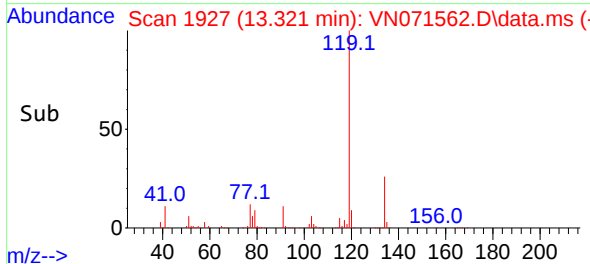
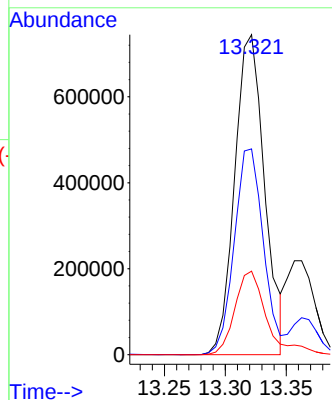
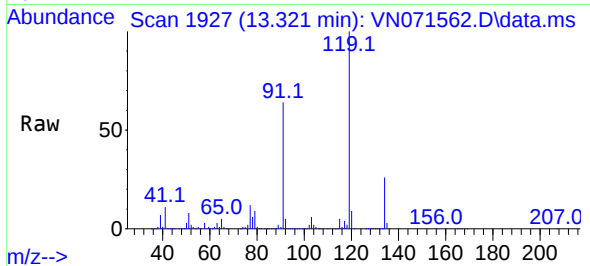
VSTDCCC050EC

Tgt Ion:119 Resp: 127306
Ion Ratio Lower Upper
119 100
91 63.7 31.6 94.8
134 27.7 13.7 41.1

Manual Integrations

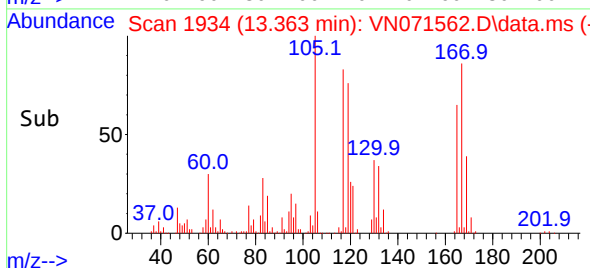
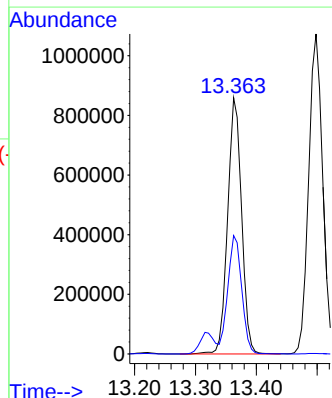
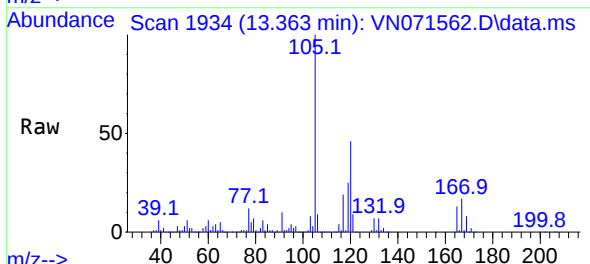
APPROVED

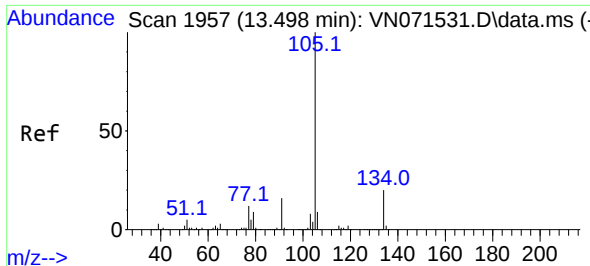
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#84
1,2,4-Trimethylbenzene
Concen: 45.219 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

Tgt Ion:105 Resp: 1368046
Ion Ratio Lower Upper
105 100
120 45.9 23.3 69.8





#85
sec-Butylbenzene
Concen: 45.562 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

Instrument :

MSVOA_N

ClientSampleId :

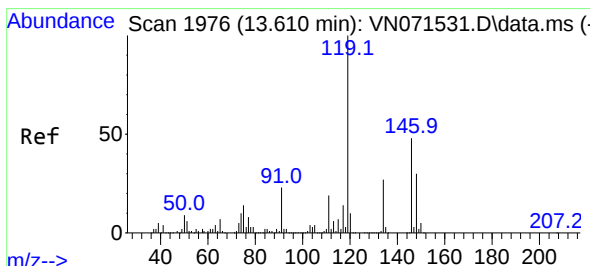
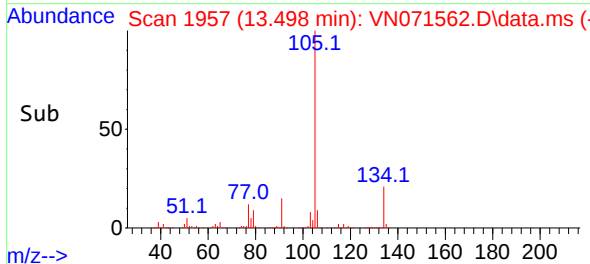
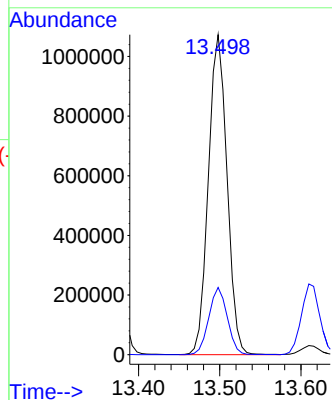
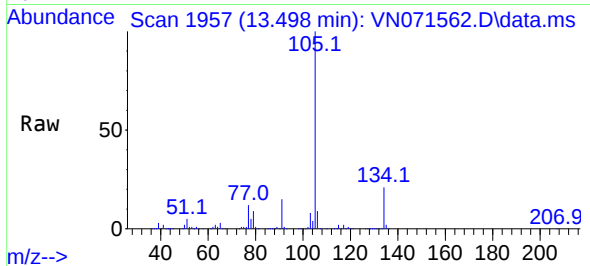
VSTDCCC050EC

Tgt Ion:105 Resp: 170916
Ion Ratio Lower Upper
105 100
134 20.9 10.4 31.1

Manual Integrations

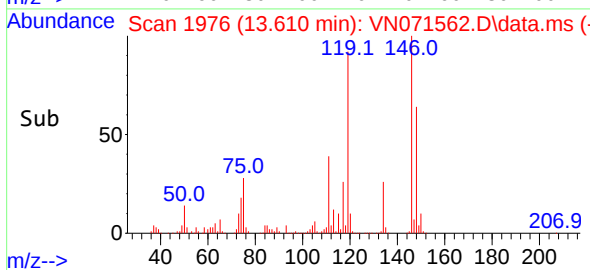
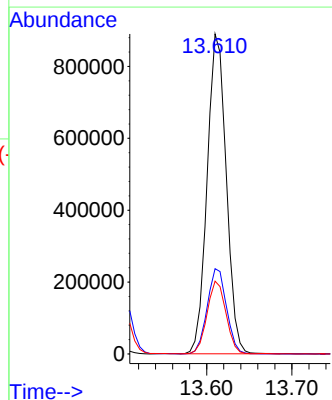
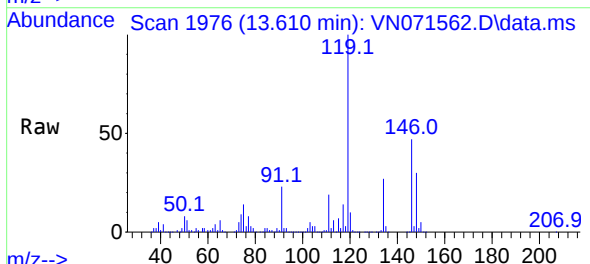
APPROVED

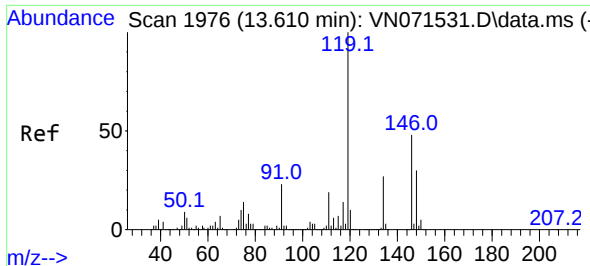
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#86
p-Isopropyltoluene
Concen: 46.324 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

Tgt Ion:119 Resp: 1385263
Ion Ratio Lower Upper
119 100
134 27.0 13.3 39.8
91 22.4 11.3 33.9





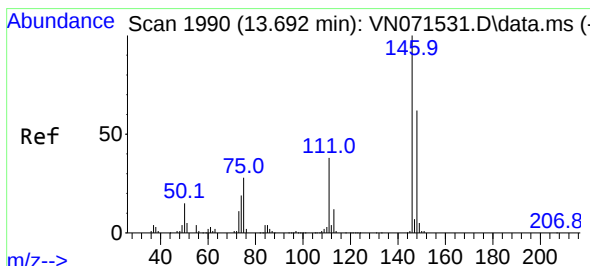
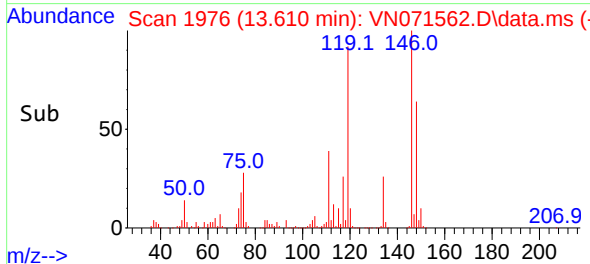
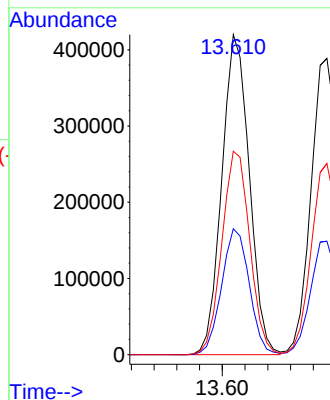
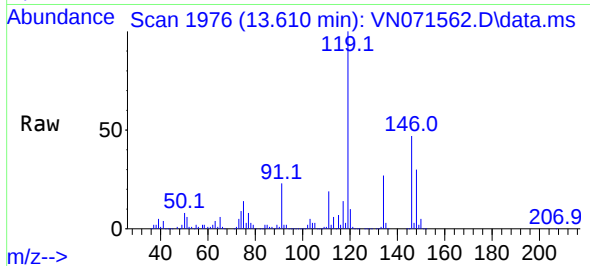
#87
1,3-Dichlorobenzene
Concen: 43.957 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 705729
Ion Ratio Lower Upper
146 100
111 39.6 20.0 60.0
148 64.6 32.0 96.0

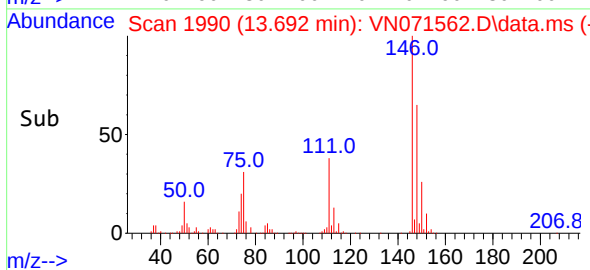
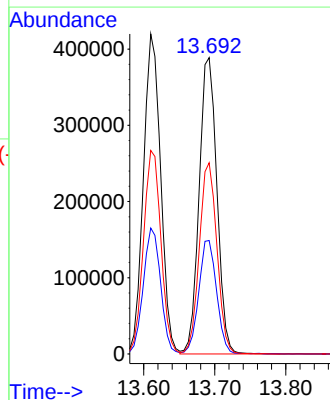
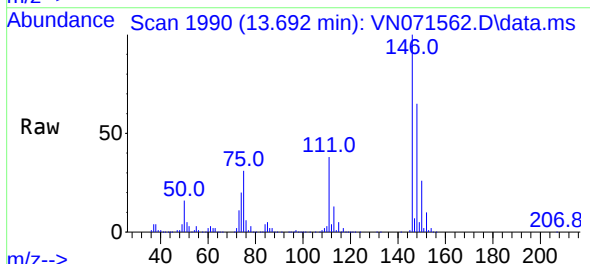
Manual Integrations
APPROVED

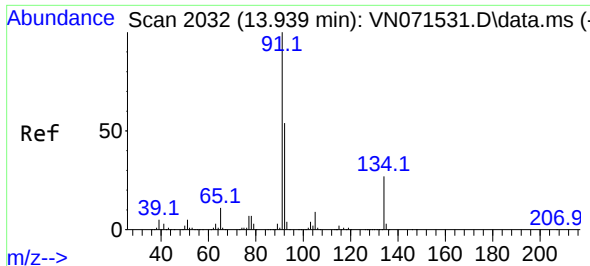
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#88
1,4-Dichlorobenzene
Concen: 42.772 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

Tgt Ion:146 Resp: 678708
Ion Ratio Lower Upper
146 100
111 38.2 19.1 57.1
148 64.2 31.4 94.3





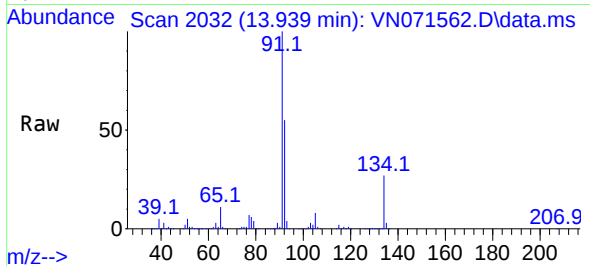
#89
n-Butylbenzene
Concen: 44.654 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



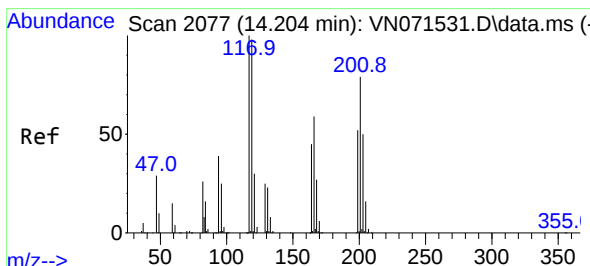
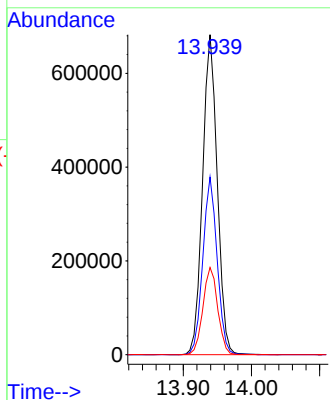
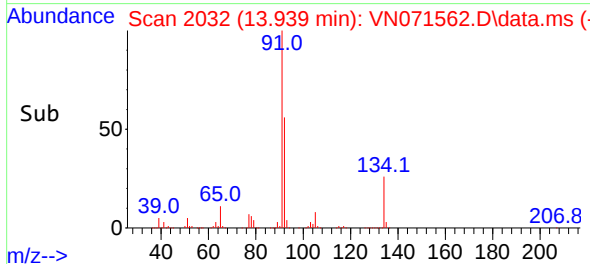
Tgt Ion: 91 Resp: 1022640
Ion Ratio Lower Upper
91 100
92 54.3 26.9 80.7
134 27.5 13.6 40.8

Manual Integrations

APPROVED

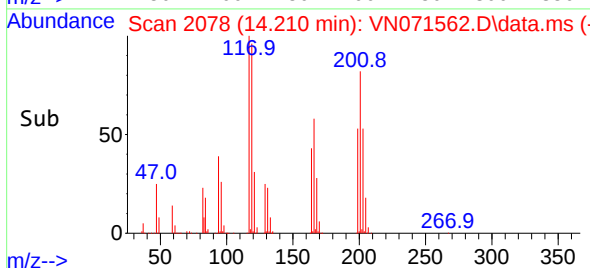
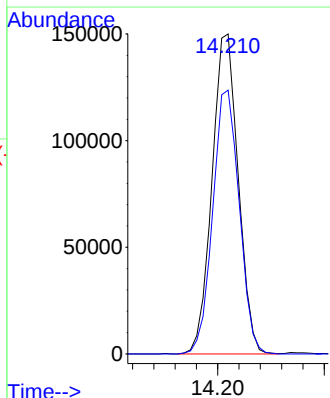
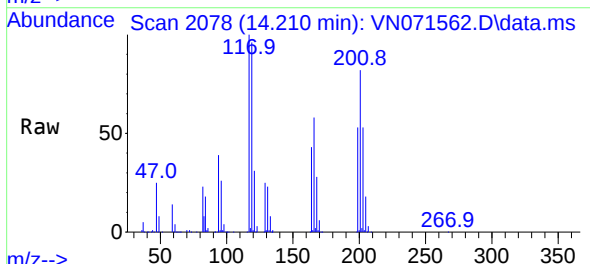
Reviewed By :John Carlone 03/26/2022

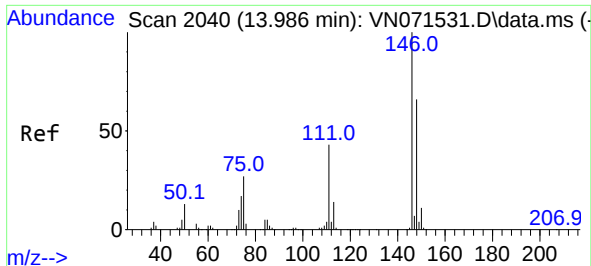
Supervised By :Mahesh Dadoda 03/28/2022



#90
Hexachloroethane
Concen: 43.900 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. 0.006 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

Tgt Ion:117 Resp: 256232
Ion Ratio Lower Upper
117 100
201 83.2 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 44.403 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

Instrument :

MSVOA_N

ClientSampleId :

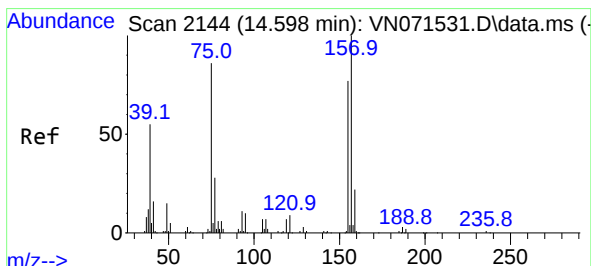
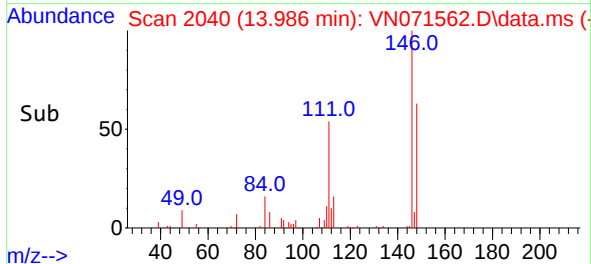
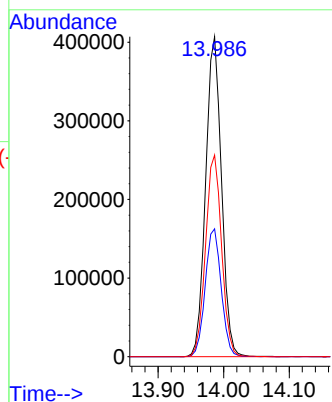
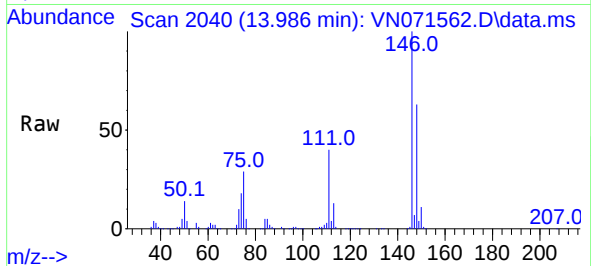
VSTDCCC050EC

Tgt Ion:146 Resp: 683360
Ion Ratio Lower Upper
146 100
111 40.5 20.9 62.8
148 63.9 32.1 96.3

Manual Integrations

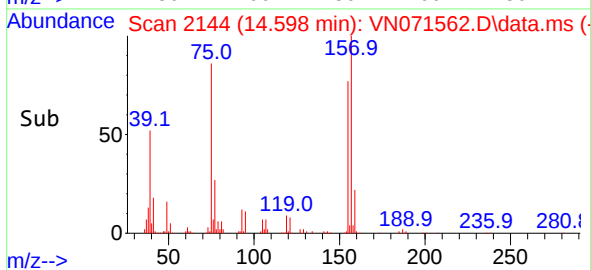
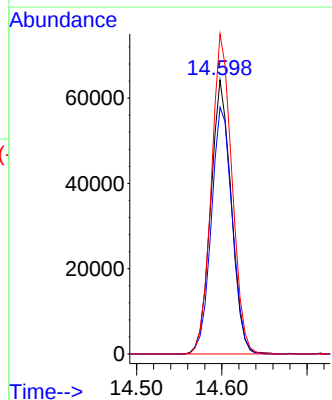
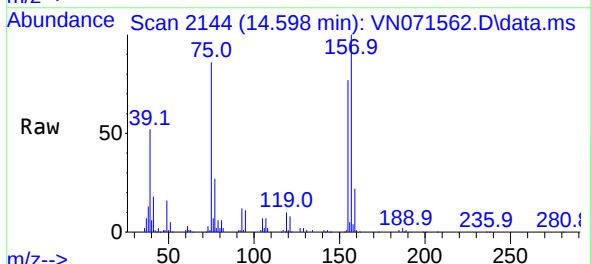
APPROVED

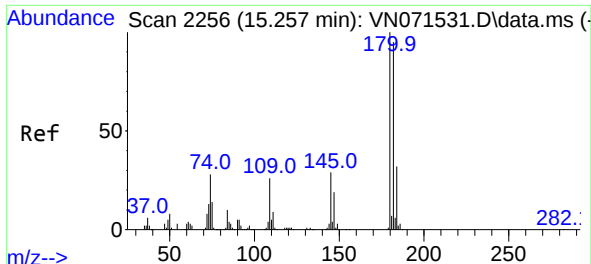
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.750 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

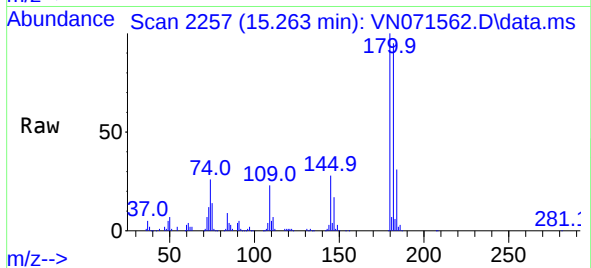
Tgt Ion: 75 Resp: 107444
Ion Ratio Lower Upper
75 100
155 92.2 44.9 134.5
157 117.3 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 45.056 ug/l
RT: 15.263 min Scan# 2256
Delta R.T. 0.006 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

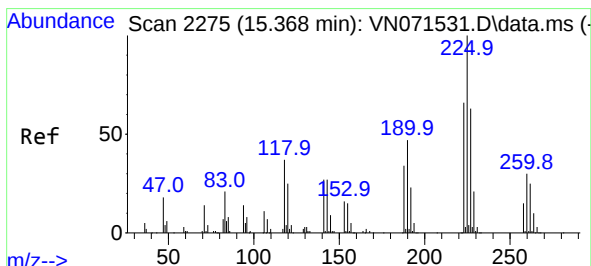
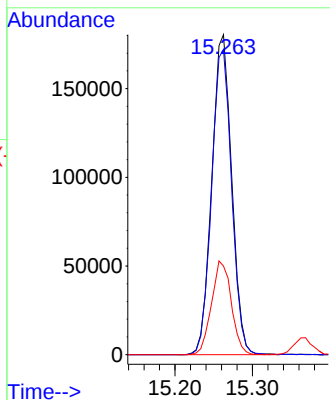
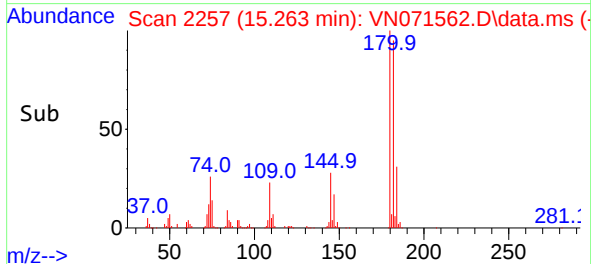
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



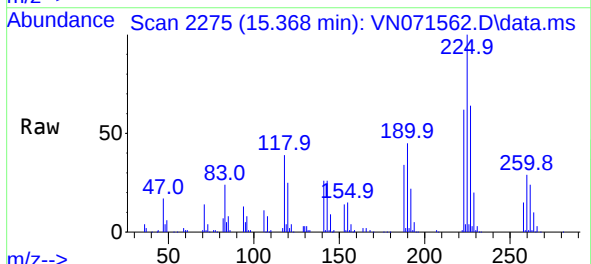
Tgt Ion:180 Resp: 32131
Ion Ratio Lower Upper
180 100
182 95.7 47.5 142.5
145 29.2 14.5 43.5

Manual Integrations
APPROVED

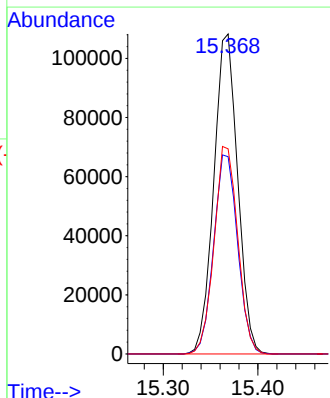
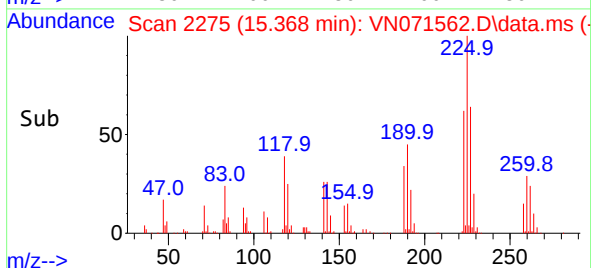
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

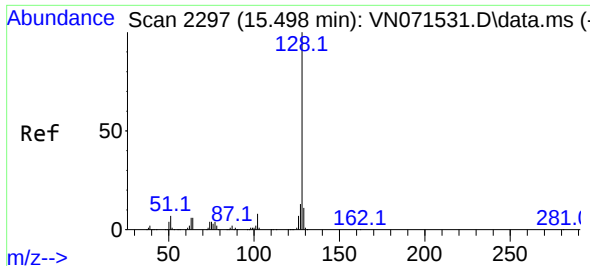


#94
Hexachlorobutadiene
Concen: 43.933 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08



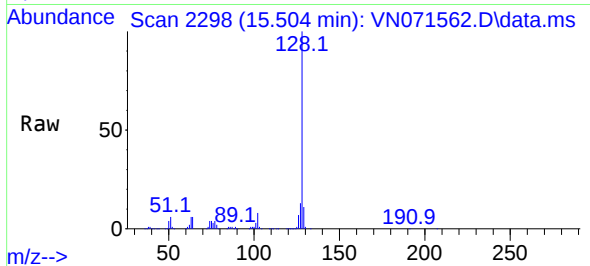
Tgt Ion:225 Resp: 189463
Ion Ratio Lower Upper
225 100
223 62.6 32.4 97.2
227 64.3 31.8 95.4





#95
Naphthalene
Concen: 42.926 ug/l
RT: 15.504 min Scan# 2297
Delta R.T. 0.006 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

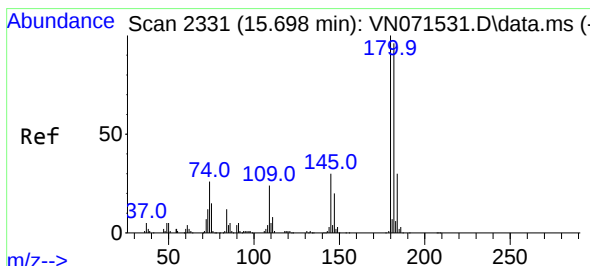
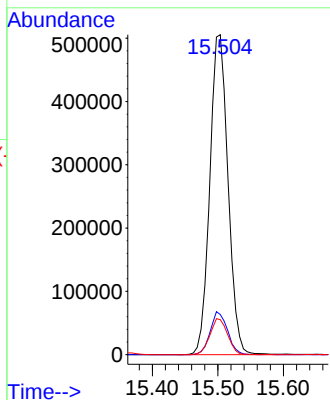
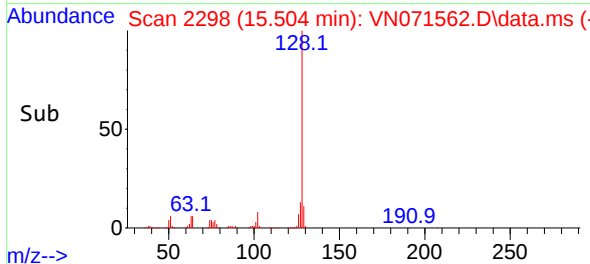
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 97307
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#96
1,2,3-Trichlorobenzene
Concen: 46.332 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071562.D
Acq: 25 Mar 2022 21:08

Tgt Ion:180 Resp: 327845
Ion Ratio Lower Upper
180 100
182 95.9 47.8 143.3
145 30.7 15.5 46.5

