

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021722\
 Data File : VN070995.D
 Acq On : 17 Feb 2022 22:07
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/18/2022
 Supervised By : Mahesh Dadoda 02/21/2022

Quant Time: Feb 18 00:53:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 16 07:52:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	670871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1101677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1039186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	429418	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	371766	48.511	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.020%
35) Dibromofluoromethane	8.016	113	298938	45.620	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	91.240%
50) Toluene-d8	10.439	98	1192887	45.330	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	90.660%
62) 4-Bromofluorobenzene	12.727	95	409427	43.527	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	87.060%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	318620	45.727	ug/l	99
3) Chloromethane	2.299	50	426245	48.668	ug/l	99
4) Vinyl Chloride	2.440	62	404173	46.100	ug/l	99
5) Bromomethane	2.828	94	215163	43.201	ug/l	98
6) Chloroethane	2.999	64	251607	43.744	ug/l	100
7) Trichlorofluoromethane	3.363	101	482664	43.929	ug/l	96
8) Diethyl Ether	3.816	74	212091	44.404	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.193	101	297480	44.129	ug/l	95
10) Methyl Iodide	4.404	142	450982	48.305	ug/l	97
11) Tert butyl alcohol	5.399	59	463392	331.795	ug/l	100
12) 1,1-Dichloroethene	4.163	96	299964	45.672	ug/l	98
13) Acrolein	4.034	56	333791	267.463	ug/l	98
14) Allyl chloride	4.828	41	606979	48.458	ug/l #	86
15) Acrylonitrile	5.551	53	1261922	306.753	ug/l	98
16) Acetone	4.287	43	1028746	243.753	ug/l	92
17) Carbon Disulfide	4.510	76	801633	42.562	ug/l	97
18) Methyl Acetate	4.851	43	552012	59.853	ug/l	98
19) Methyl tert-butyl Ether	5.622	73	1162543	50.460	ug/l	97
20) Methylene Chloride	5.087	84	372031	48.503	ug/l	95
21) trans-1,2-Dichloroethene	5.593	96	325572	46.184	ug/l	96
22) Diisopropyl ether	6.498	45	1253461	52.175	ug/l	93
23) Vinyl Acetate	6.434	43	5547216	272.771	ug/l	100
24) 1,1-Dichloroethane	6.381	63	666639	49.501	ug/l	100
25) 2-Butanone	7.340	43	1699840	302.764	ug/l	98
26) 2,2-Dichloropropane	7.322	77	447380	39.971	ug/l	100
27) cis-1,2-Dichloroethene	7.322	96	388332	47.930	ug/l	95
28) Bromochloromethane	7.657	49	277545	50.918	ug/l	88
29) Tetrahydrofuran	7.687	42	1160701	319.127	ug/l	95
30) Chloroform	7.816	83	651961	49.221	ug/l	98
31) Cyclohexane	8.087	56	609906	46.018	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	559611	48.923	ug/l	99
36) 1,1-Dichloropropene	8.216	75	480091	44.719	ug/l	98
37) Ethyl Acetate	7.416	43	680615	59.114	ug/l	99
38) Carbon Tetrachloride	8.204	117	480816	45.455	ug/l	100
39) Methylcyclohexane	9.457	83	583099	42.210	ug/l	96
40) Benzene	8.457	78	1484718	46.754	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	309451	51.031	ug/l	96
42) 1,2-Dichloroethane	8.528	62	522313	48.293	ug/l	98
43) Isopropyl Acetate	8.563	43	978360	53.910	ug/l	99
44) Trichloroethene	9.210	130	363611	43.483	ug/l	100
45) 1,2-Dichloropropane	9.486	63	391653	48.147	ug/l	99
46) Dibromomethane	9.575	93	257399	48.083	ug/l	99
47) Bromodichloromethane	9.757	83	516126	47.705	ug/l	99
48) Methyl methacrylate	9.557	41	452429	52.669	ug/l #	90
49) 1,4-Dioxane	9.569	88	203382	1333.041	ug/l	91
51) 4-Methyl-2-Pentanone	10.328	43	3365336	304.784	ug/l	97
52) Toluene	10.504	92	952752	47.746	ug/l	95
53) t-1,3-Dichloropropene	10.716	75	562944	47.852	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	607335	47.009	ug/l	94
55) 1,1,2-Trichloroethane	10.898	97	379727	48.616	ug/l	99
56) Ethyl methacrylate	10.757	69	646491	54.934	ug/l #	92
57) 1,3-Dichloropropane	11.039	76	671499	49.702	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	701886	265.818	ug/l	97
59) 2-Hexanone	11.080	43	2463588	324.414	ug/l	97
60) Dibromochloromethane	11.233	129	400788	48.553	ug/l	99
61) 1,2-Dibromoethane	11.345	107	397552	50.040	ug/l	100
64) Tetrachloroethene	10.975	164	319981	39.537	ug/l	98
65) Chlorobenzene	11.769	112	1009082	45.063	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	380681	46.637	ug/l	99
67) Ethyl Benzene	11.839	91	1800810	45.948	ug/l	99
68) m/p-Xylenes	11.951	106	1384932	91.482	ug/l	99
69) o-Xylene	12.275	106	693568	46.899	ug/l	100
70) Styrene	12.292	104	1123055	47.759	ug/l	98
71) Bromoform	12.457	173	315938	48.599	ug/l #	99
73) Isopropylbenzene	12.575	105	1770666	51.228	ug/l	99
74) N-amyl acetate	12.386	43	708824	64.155	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.827	83	615538	56.041	ug/l	98
76) 1,2,3-Trichloropropane	12.880	75	493562m	48.816	ug/l	
77) Bromobenzene	12.857	156	426457	50.400	ug/l	85
78) n-propylbenzene	12.916	91	1942684	50.024	ug/l	99
79) 2-Chlorotoluene	13.004	91	1204232	51.062	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	1414340	50.508	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.622	75	172830	55.392	ug/l	90
82) 4-Chlorotoluene	13.104	91	1120598	48.949	ug/l	97
83) tert-Butylbenzene	13.322	119	1277929	48.120	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	1387331	50.329	ug/l	100
85) sec-Butylbenzene	13.498	105	1725098	49.298	ug/l	99
86) p-Isopropyltoluene	13.616	119	1396718	48.621	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	696587	46.506	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	669798	45.641	ug/l	99
89) n-Butylbenzene	13.939	91	1042561	44.483	ug/l	96
90) Hexachloroethane	14.210	117	264387	51.535	ug/l	91
91) 1,2-Dichlorobenzene	13.986	146	673768	47.903	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	112995	63.495	ug/l	93
93) 1,2,4-Trichlorobenzene	15.263	180	345617	43.968	ug/l	99
94) Hexachlorobutadiene	15.368	225	186151	36.293	ug/l	100
95) Naphthalene	15.504	128	1080019	55.632	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	350758	48.221	ug/l	99

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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

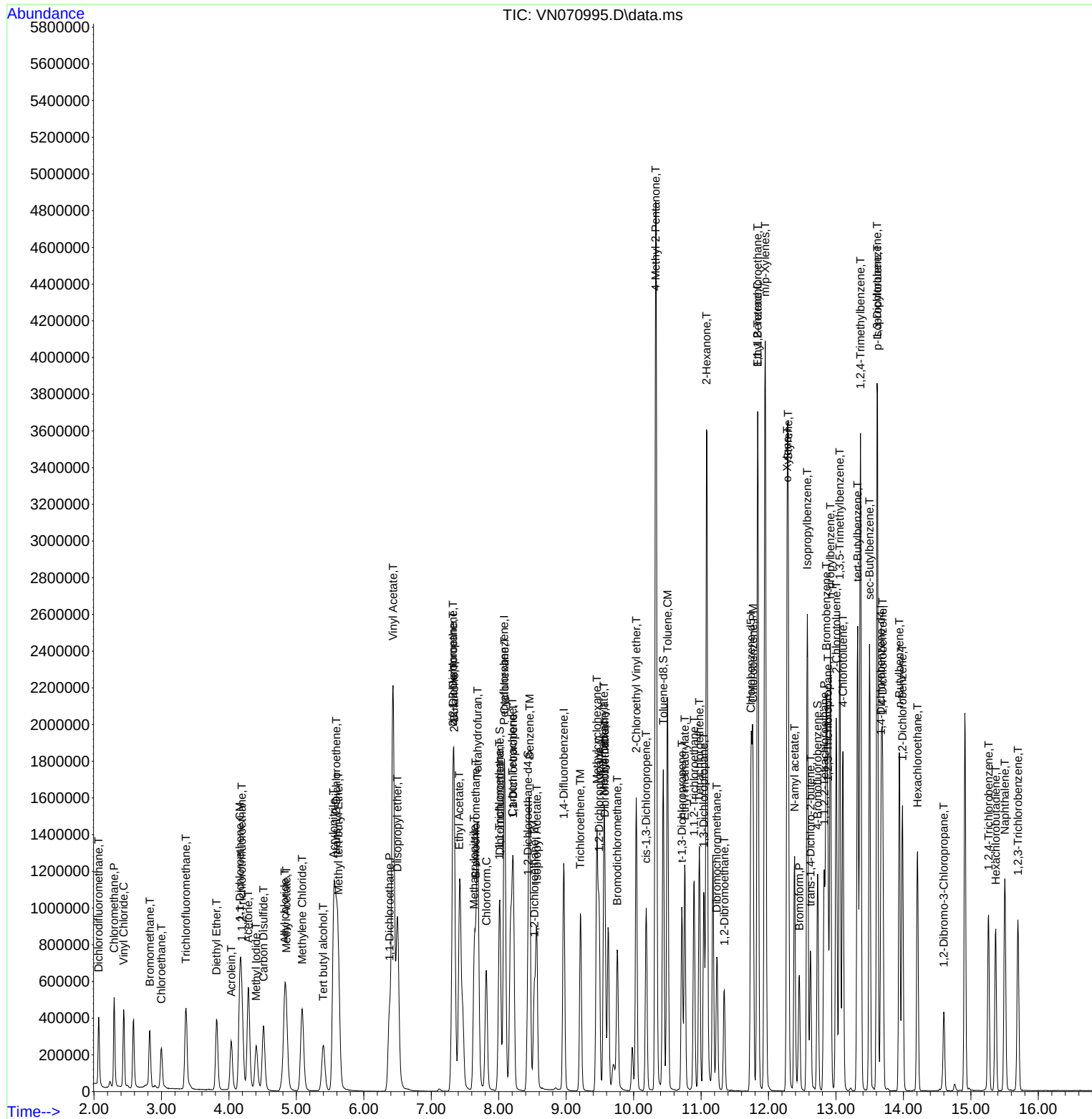
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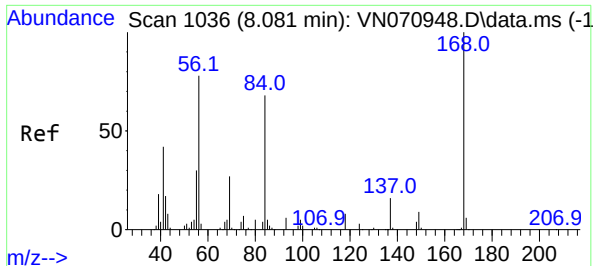
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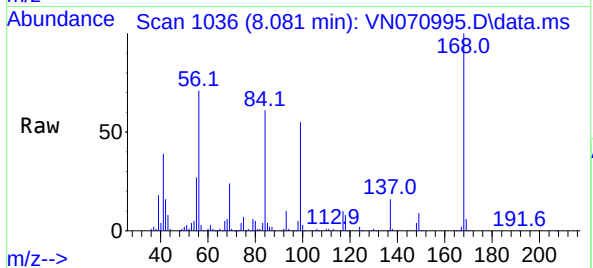
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Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
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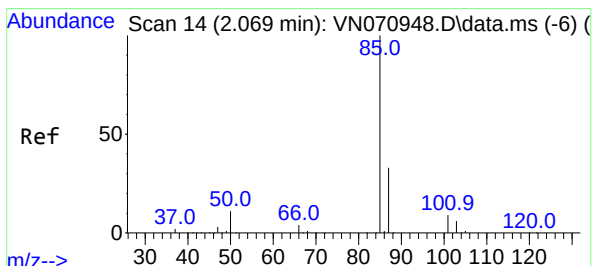
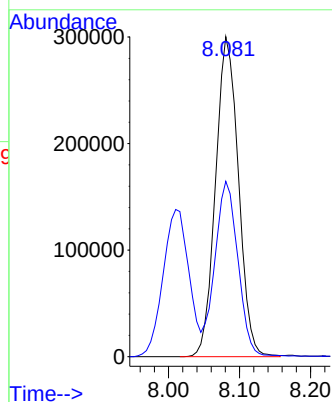
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Tgt Ion:168 Resp: 67087
Ion Ratio Lower Upper
168 100
99 54.4 41.3 61.9

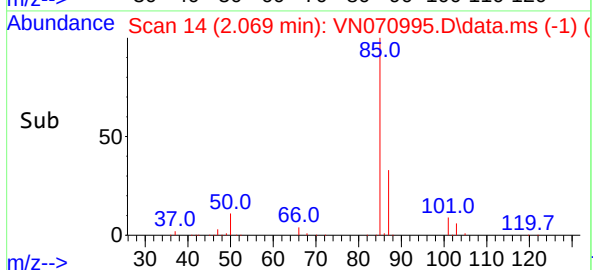
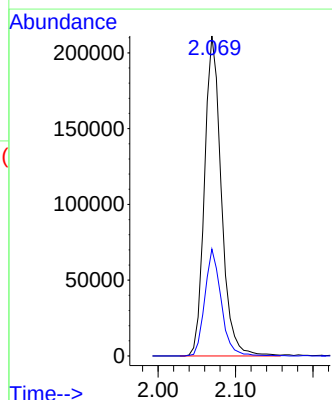
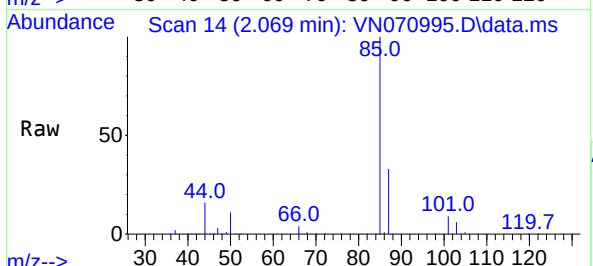
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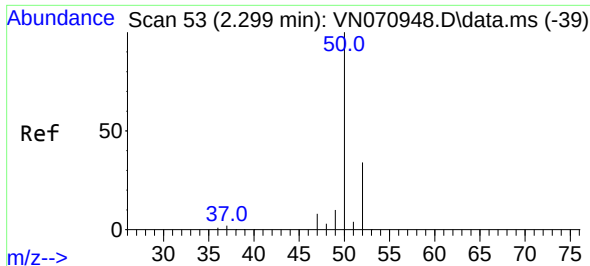
Reviewed By :John Carlone 02/18/2022
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Dichlorodifluoromethane
Concen: 45.727 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN070995.D
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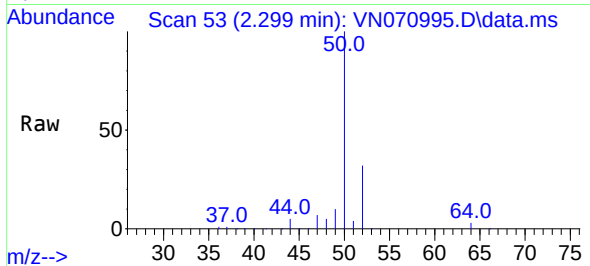
Tgt Ion: 85 Resp: 318620
Ion Ratio Lower Upper
85 100
87 33.4 16.3 48.9





#3
Chloromethane
Concen: 48.668 ug/l
RT: 2.299 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

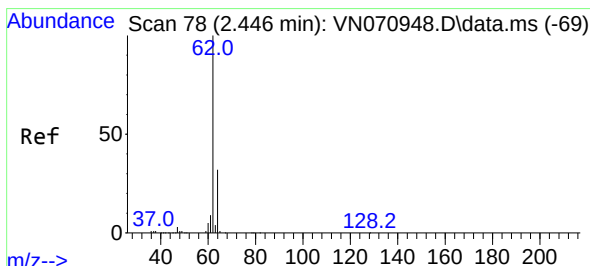
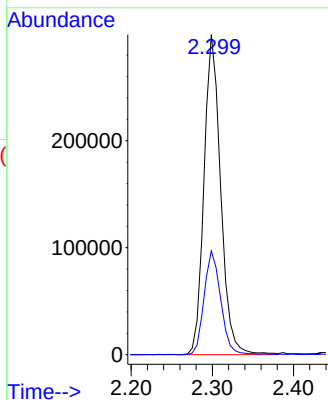
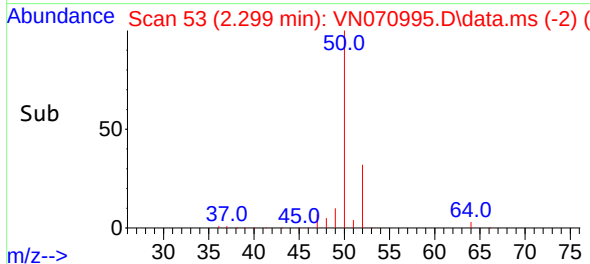
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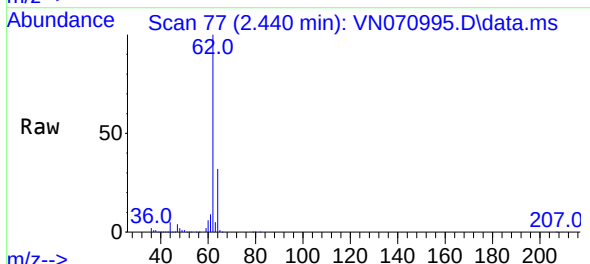
Tgt Ion: 50 Resp: 426245
Ion Ratio Lower Upper
50 100
52 32.4 25.4 38.0

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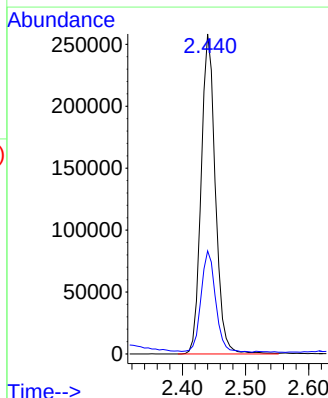
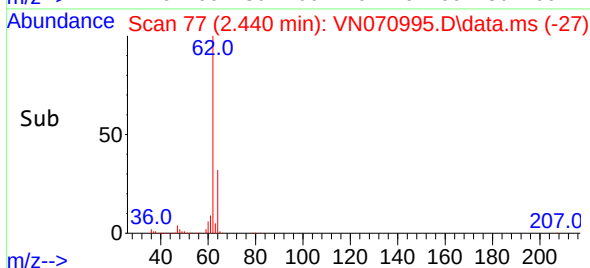
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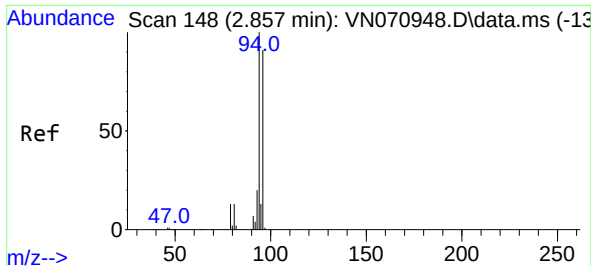


#4
Vinyl Chloride
Concen: 46.100 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07



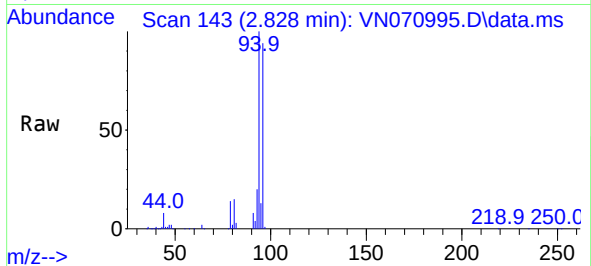
Tgt Ion: 62 Resp: 404173
Ion Ratio Lower Upper
62 100
64 31.7 25.8 38.6





#5
Bromomethane
Concen: 43.201 ug/l
RT: 2.828 min Scan# 148
Delta R.T. -0.029 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

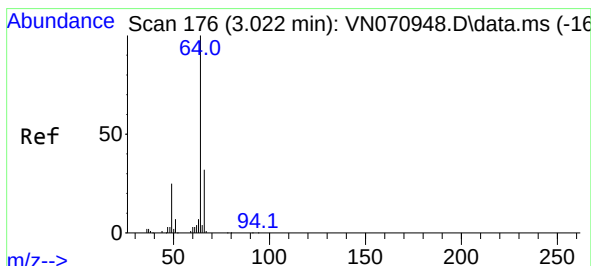
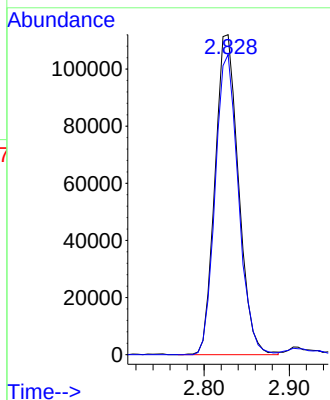
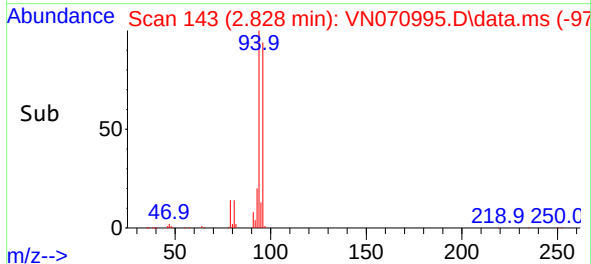
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Tgt Ion: 94 Resp: 21516
Ion Ratio Lower Upper
94 100
96 93.8 73.8 110.8

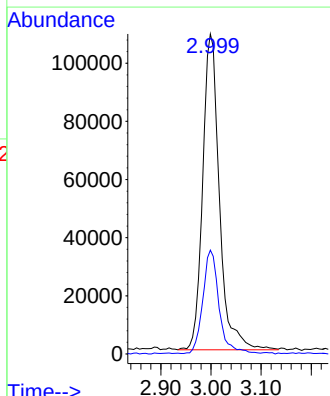
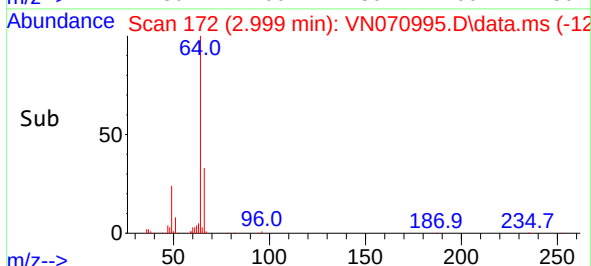
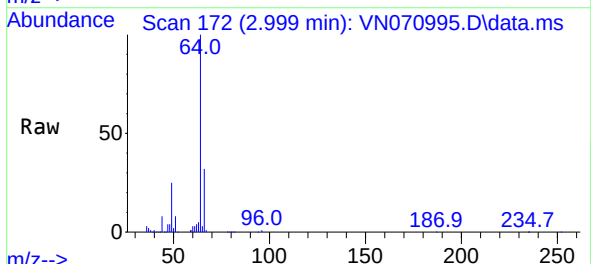
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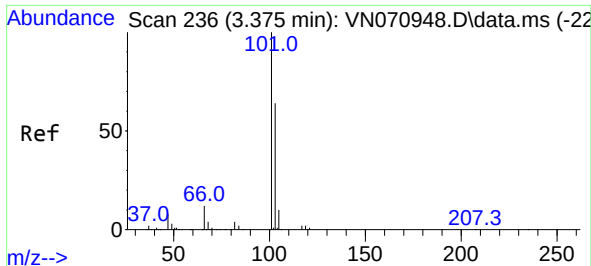
Reviewed By :John Carlone 02/18/2022
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#6
Chloroethane
Concen: 43.744 ug/l
RT: 2.999 min Scan# 172
Delta R.T. -0.023 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

Tgt Ion: 64 Resp: 251607
Ion Ratio Lower Upper
64 100
66 32.6 26.3 39.5





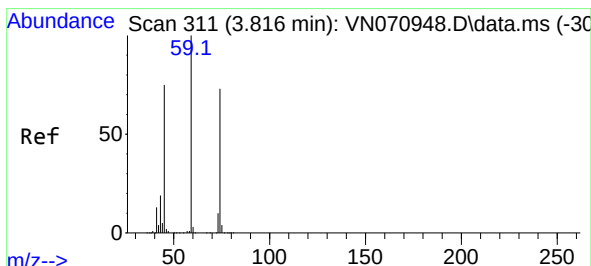
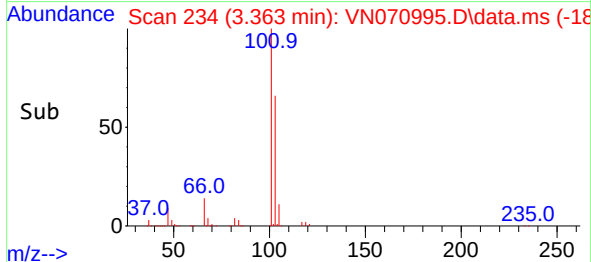
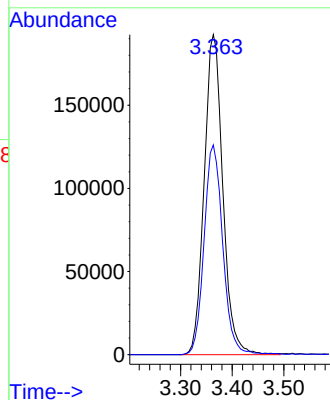
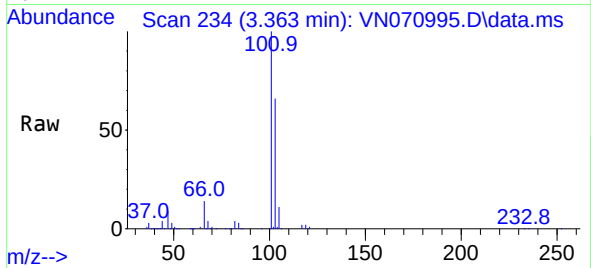
#7
Trichlorofluoromethane
Concen: 43.929 ug/l
RT: 3.363 min Scan# 21
Delta R.T. -0.012 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 482664
Ion Ratio Lower Upper
101 100
103 65.5 50.1 75.1

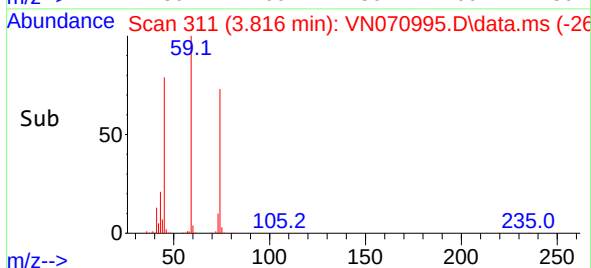
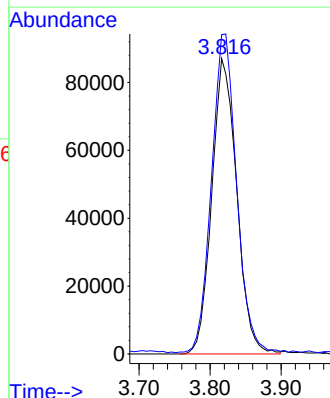
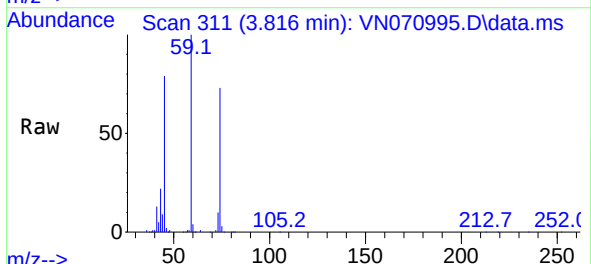
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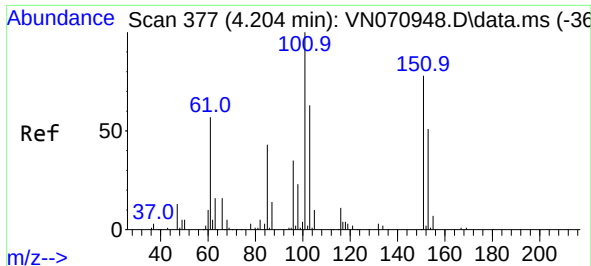
Reviewed By :John Carlone 02/18/2022
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#8
Diethyl Ether
Concen: 44.404 ug/l
RT: 3.816 min Scan# 311
Delta R.T. 0.000 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

Tgt Ion: 74 Resp: 212091
Ion Ratio Lower Upper
74 100
45 108.3 47.0 141.2





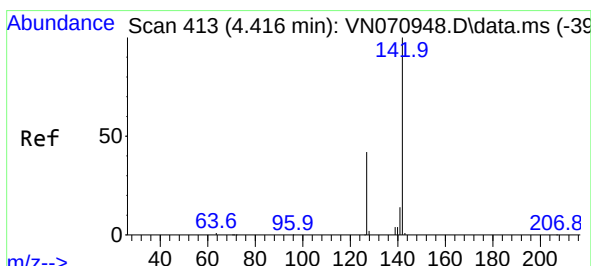
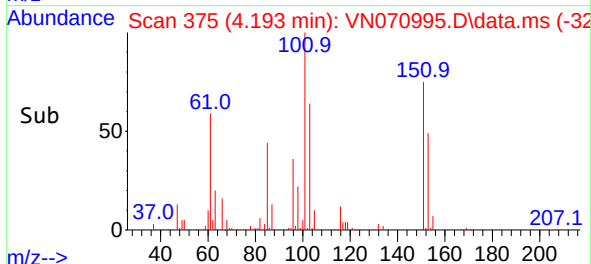
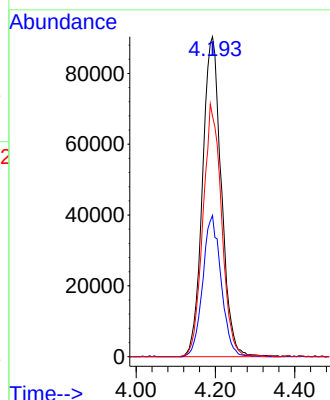
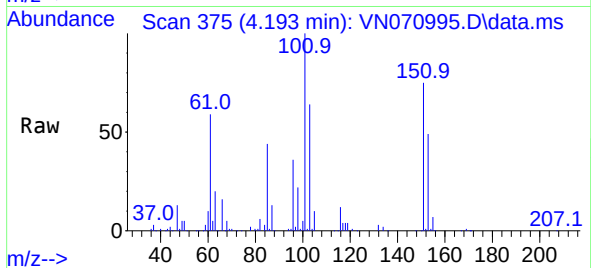
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.129 ug/l
RT: 4.193 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 297480
Ion Ratio Lower Upper
101 100
85 43.1 37.2 55.8
151 78.1 65.9 98.9

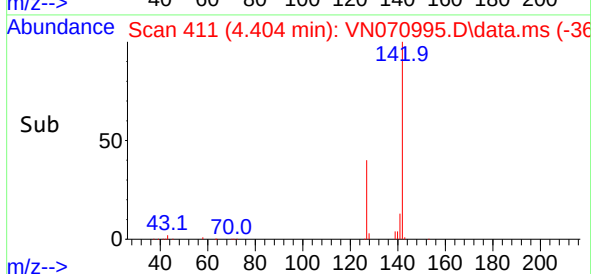
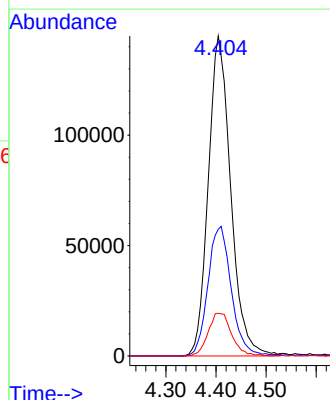
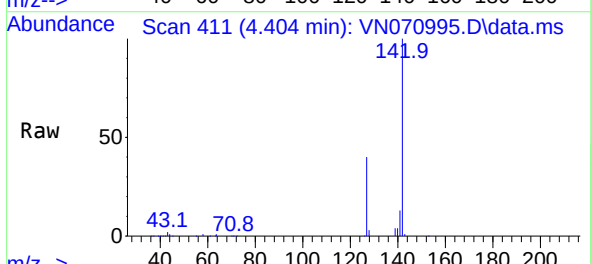
Manual Integrations
APPROVED

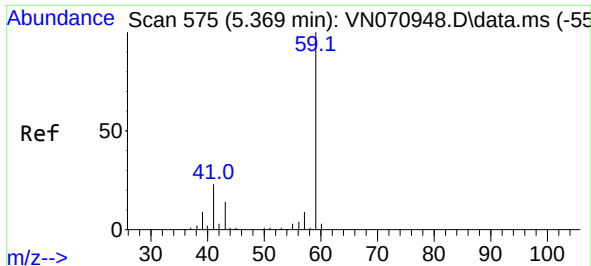
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#10
Methyl Iodide
Concen: 48.305 ug/l
RT: 4.404 min Scan# 411
Delta R.T. -0.012 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

Tgt Ion:142 Resp: 450982
Ion Ratio Lower Upper
142 100
127 42.1 35.4 53.0
141 14.0 11.6 17.4





#11

Tert butyl alcohol

Concen: 331.795 ug/l

RT: 5.399 min Scan# 51

Delta R.T. 0.030 min

Lab File: VN070995.D

Acq: 17 Feb 2022 22:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 463392

Ion Ratio Lower Upper

59 100

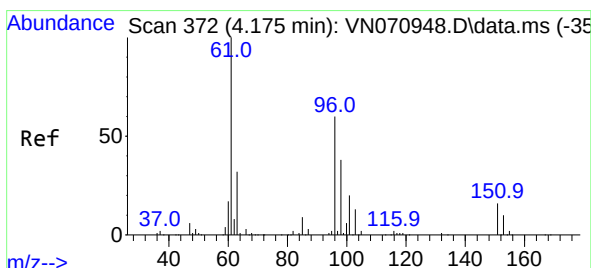
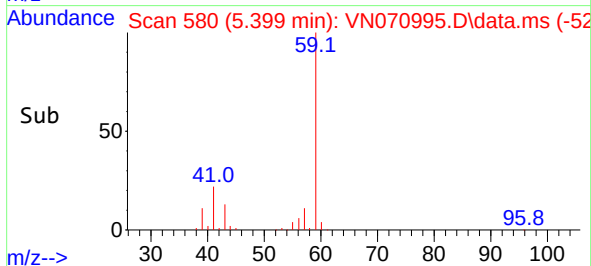
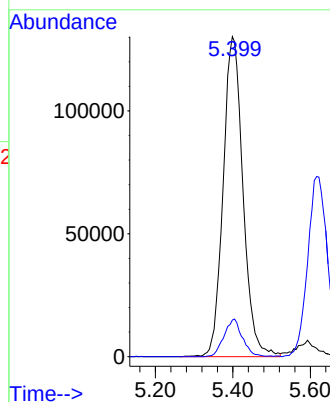
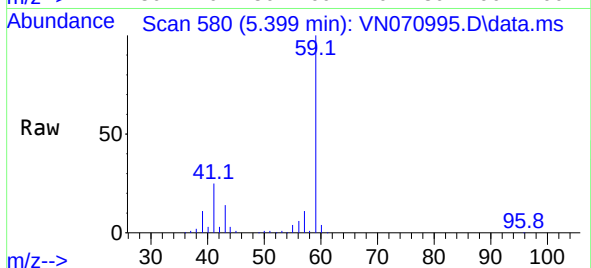
57 10.9 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/21/2022



#12

1,1-Dichloroethene

Concen: 45.672 ug/l

RT: 4.163 min Scan# 370

Delta R.T. -0.012 min

Lab File: VN070995.D

Acq: 17 Feb 2022 22:07

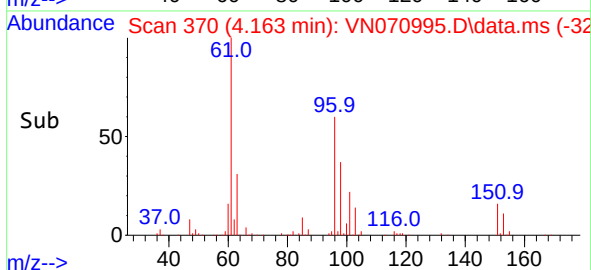
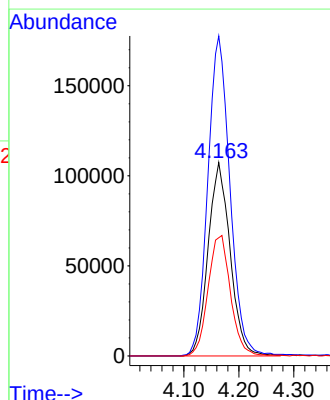
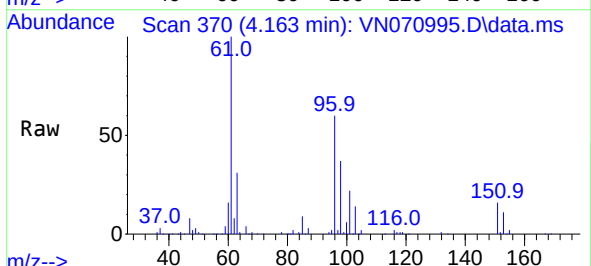
Tgt Ion: 96 Resp: 299964

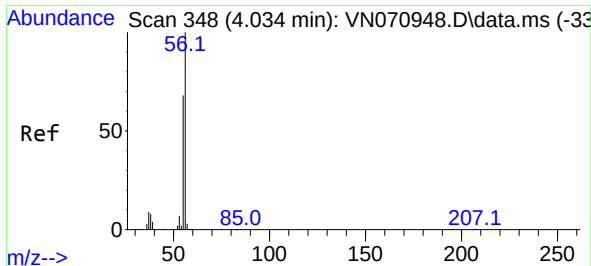
Ion Ratio Lower Upper

96 100

61 165.4 131.0 196.6

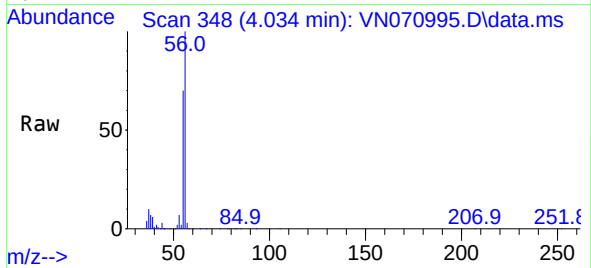
98 61.1 52.4 78.6





#13
Acrolein
Concen: 267.463 ug/l
RT: 4.034 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

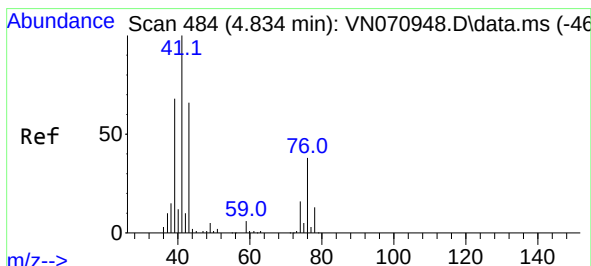
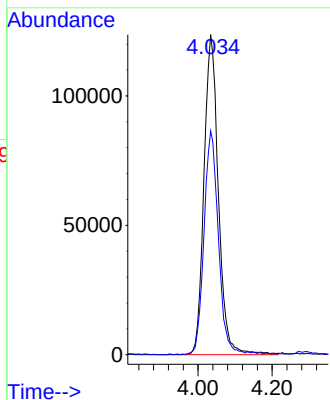
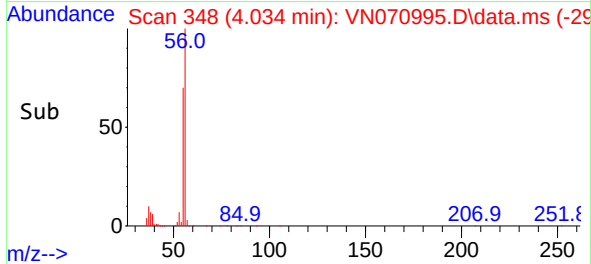
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 33379
Ion Ratio Lower Upper
56 100
55 69.5 56.6 85.0

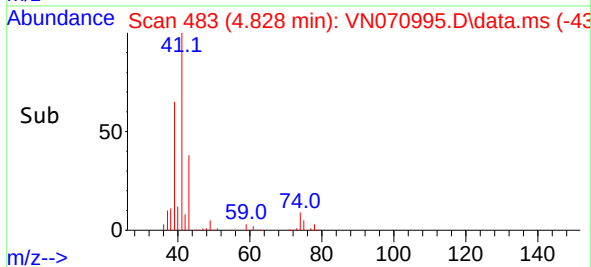
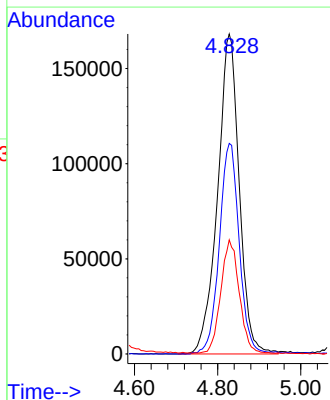
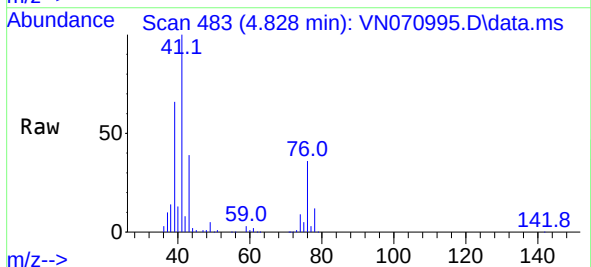
Manual Integrations
APPROVED

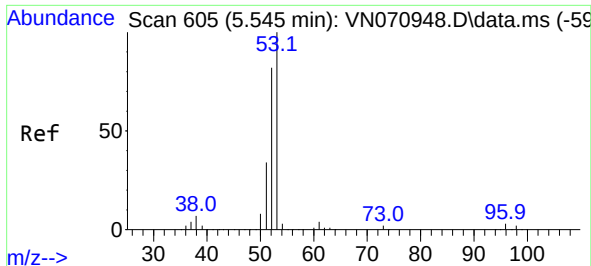
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#14
Allyl chloride
Concen: 48.458 ug/l
RT: 4.828 min Scan# 483
Delta R.T. -0.006 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

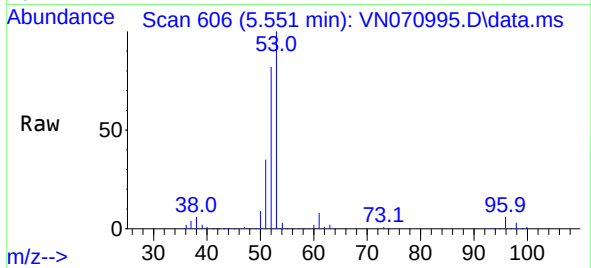
Tgt Ion: 41 Resp: 606979
Ion Ratio Lower Upper
41 100
39 60.7 61.2 91.8#
76 30.2 26.0 39.0





#15
Acrylonitrile
Concen: 306.753 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

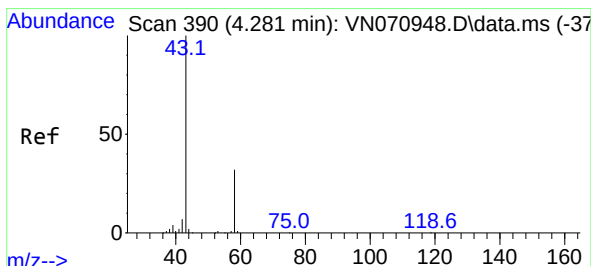
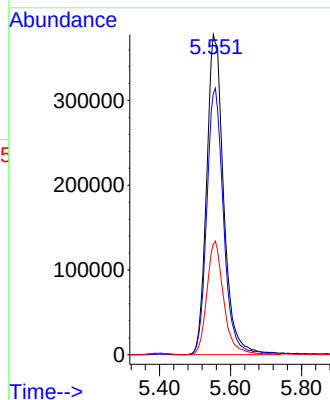
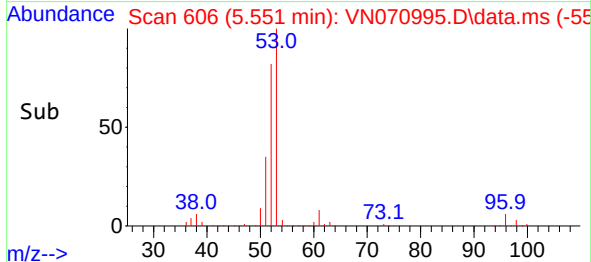
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 126192
Ion Ratio Lower Upper
53 100
52 82.0 66.2 99.2
51 34.9 29.6 44.4

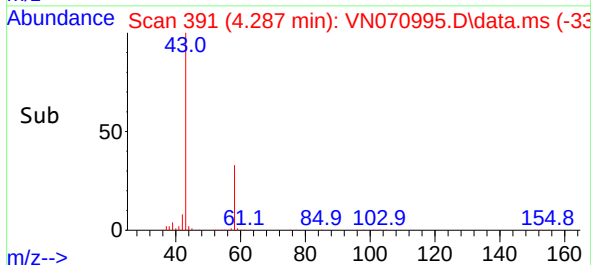
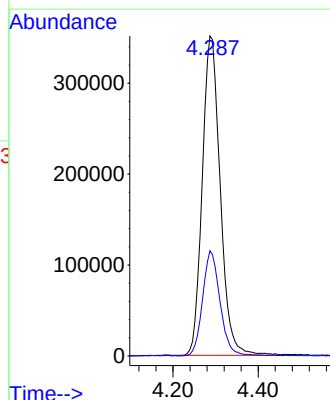
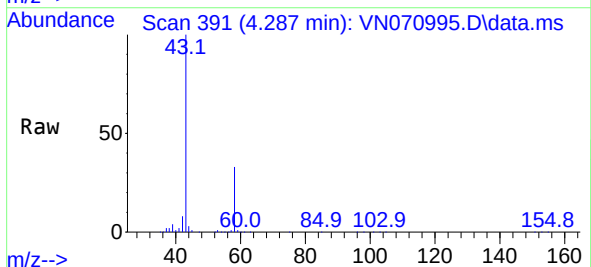
Manual Integrations
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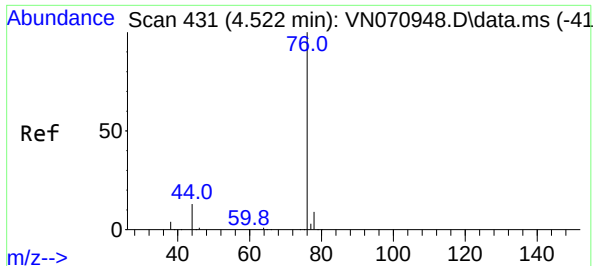
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#16
Acetone
Concen: 243.753 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

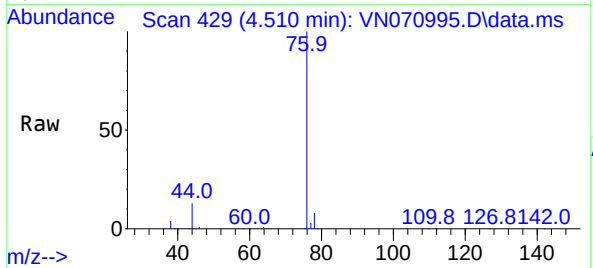
Tgt Ion: 43 Resp: 1028746
Ion Ratio Lower Upper
43 100
58 32.9 23.1 34.7





#17
Carbon Disulfide
Concen: 42.562 ug/l
RT: 4.510 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

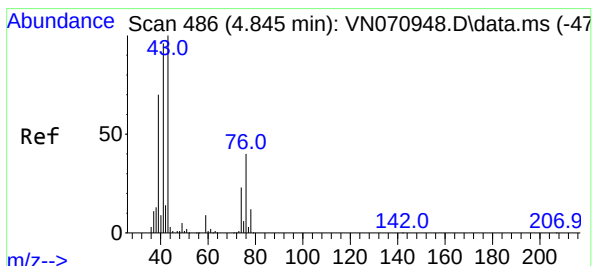
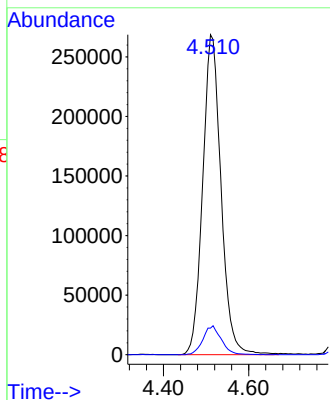
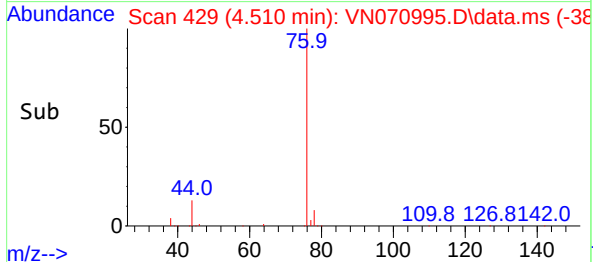
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



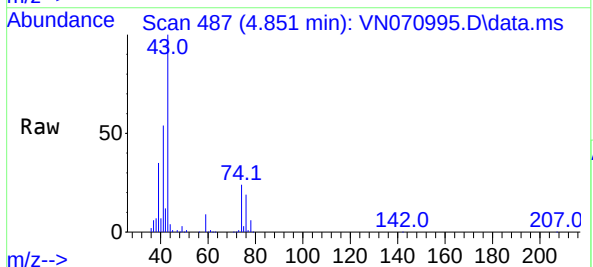
Tgt Ion: 76 Resp: 80163
Ion Ratio Lower Upper
76 100
78 8.3 7.5 11.3

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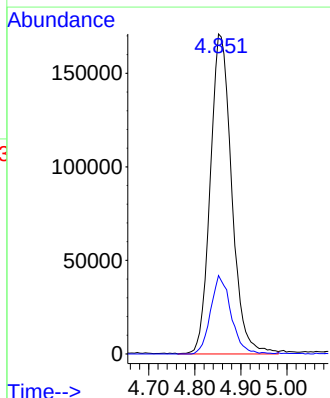
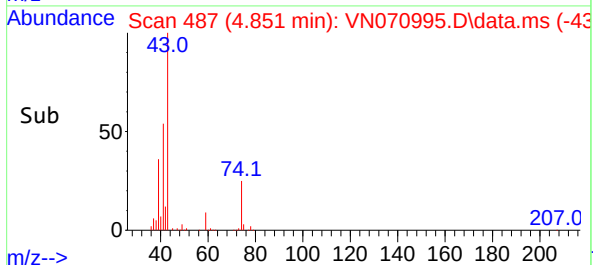
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

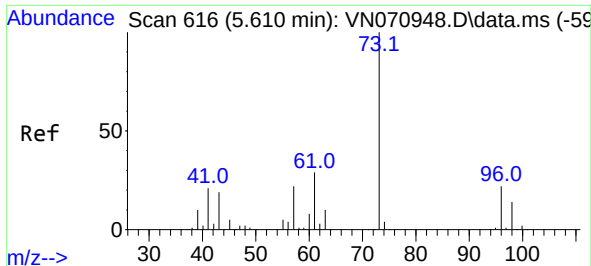


#18
Methyl Acetate
Concen: 59.853 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.006 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07



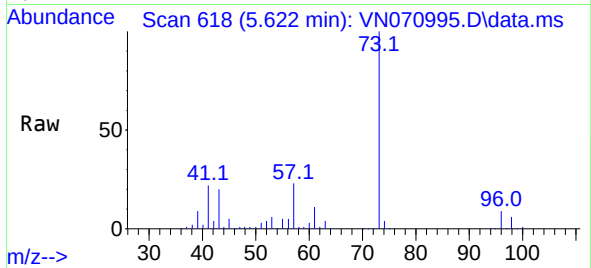
Tgt Ion: 43 Resp: 552012
Ion Ratio Lower Upper
43 100
74 23.4 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 50.460 ug/l
RT: 5.622 min Scan# 618
Delta R.T. 0.012 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

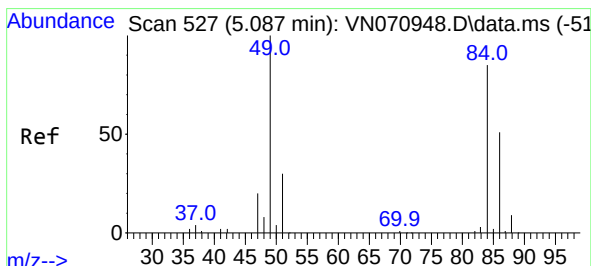
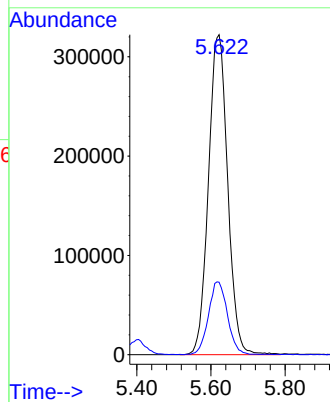
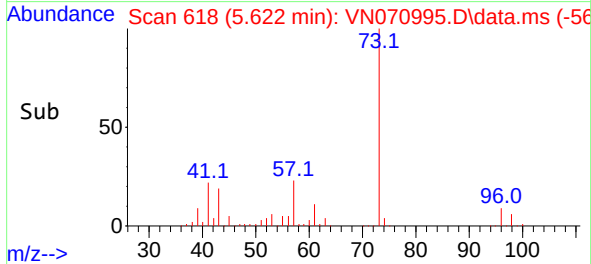
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



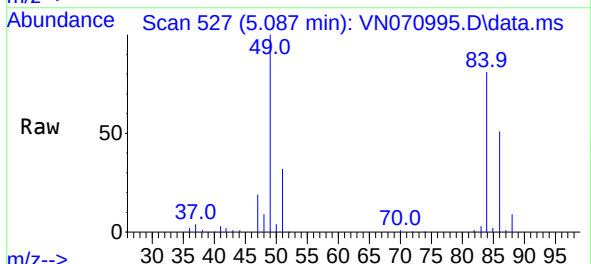
Tgt Ion: 73 Resp: 116254
Ion Ratio Lower Upper
73 100
57 22.6 16.8 25.2

Manual Integrations
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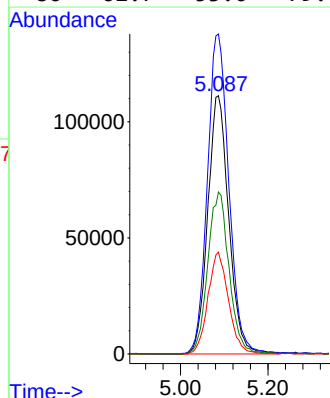
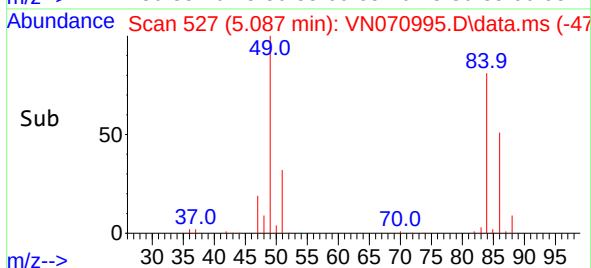
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

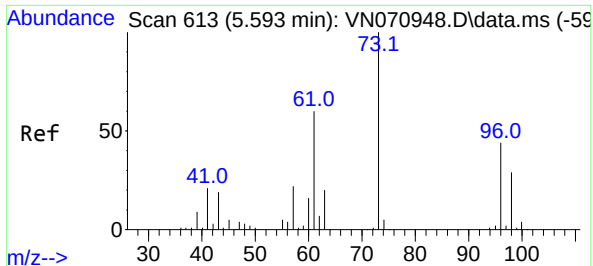


#20
Methylene Chloride
Concen: 48.503 ug/l
RT: 5.087 min Scan# 527
Delta R.T. 0.000 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07



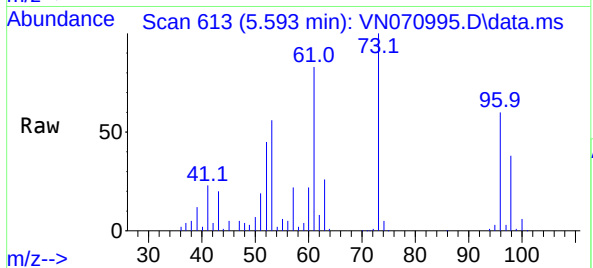
Tgt Ion: 84 Resp: 372031
Ion Ratio Lower Upper
84 100
49 123.9 93.5 140.3
51 39.5 29.4 44.2
86 62.7 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 46.184 ug/l
RT: 5.593 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

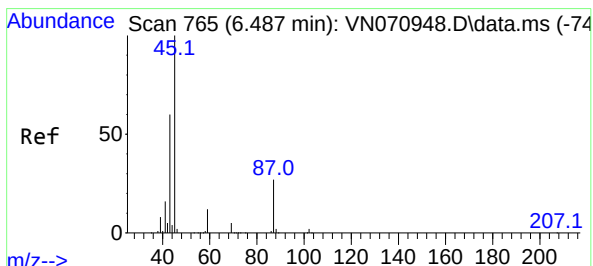
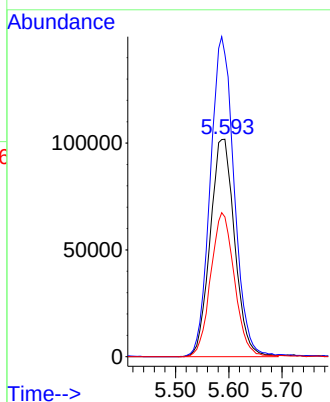
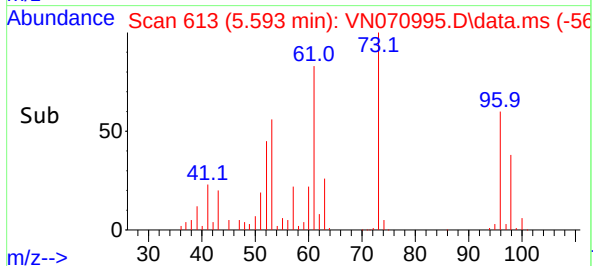
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



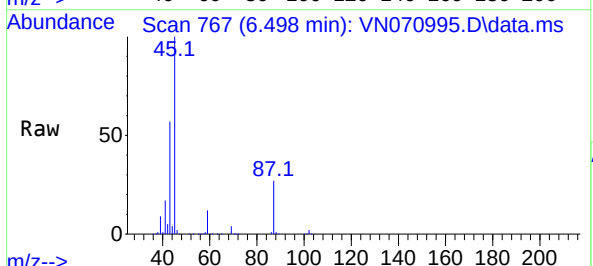
Tgt Ion: 96 Resp: 325572
Ion Ratio Lower Upper
96 100
61 139.0 105.8 158.6
98 64.3 52.0 78.0

Manual Integrations
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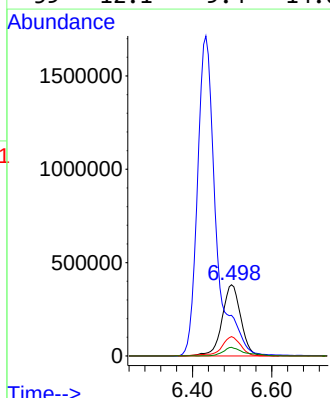
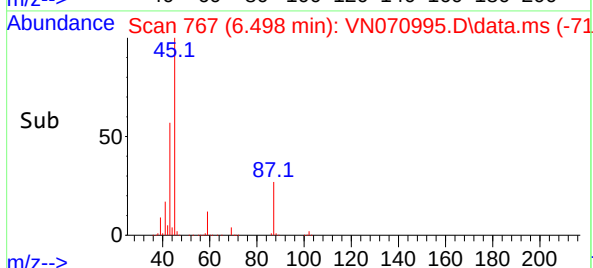
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

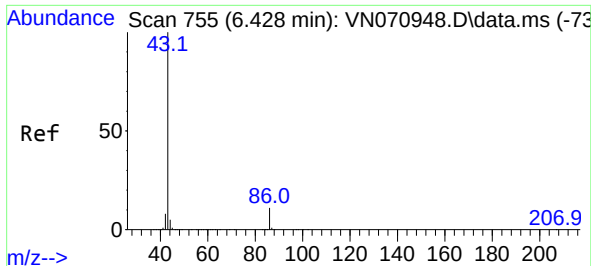


#22
Diisopropyl ether
Concen: 52.175 ug/l
RT: 6.498 min Scan# 767
Delta R.T. 0.012 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07



Tgt Ion: 45 Resp: 1253461
Ion Ratio Lower Upper
45 100
43 57.0 51.7 77.5
87 27.0 23.2 34.8
59 12.1 9.4 14.0





#23
 Vinyl Acetate
 Concen: 272.771 ug/l
 RT: 6.434 min Scan# 756
 Delta R.T. 0.006 min
 Lab File: VN070995.D
 Acq: 17 Feb 2022 22:07

Instrument :

MSVOA_N

ClientSampleId :

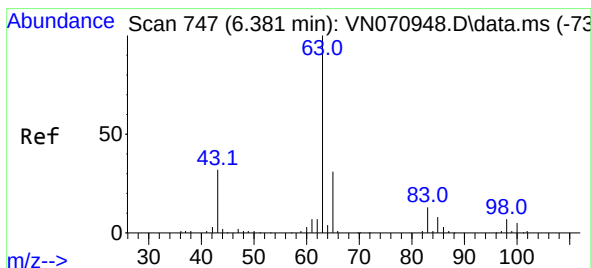
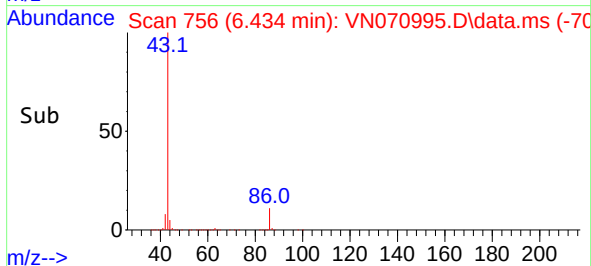
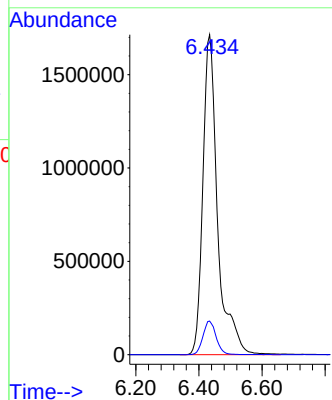
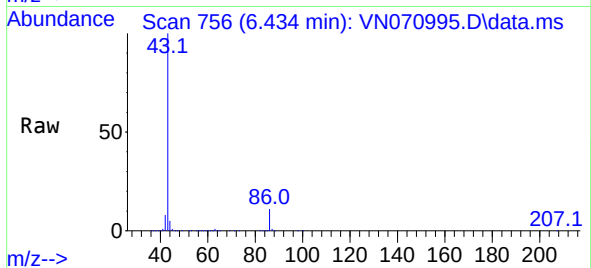
VSTDCCC050EC

Tgt Ion: 43 Resp: 5547210
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.5 12.7

Manual Integrations

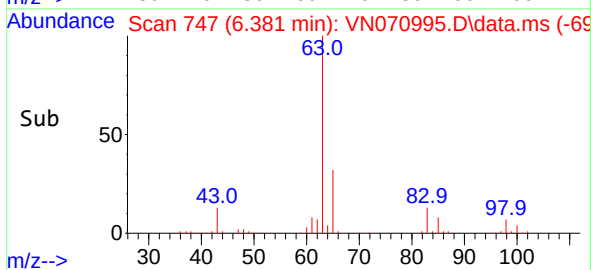
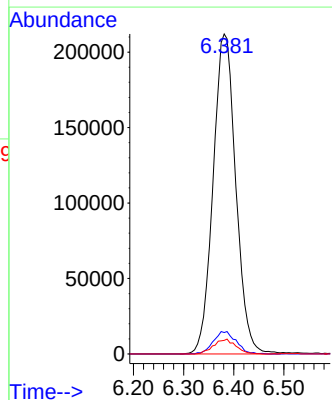
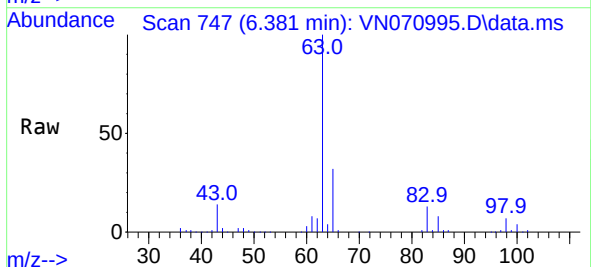
APPROVED

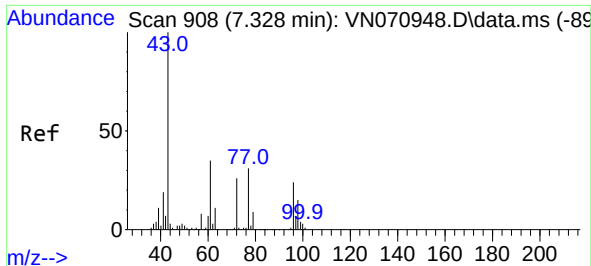
Reviewed By :John Carlone 02/18/2022
 Supervised By :Mahesh Dadoda 02/21/2022



#24
 1,1-Dichloroethane
 Concen: 49.501 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. 0.000 min
 Lab File: VN070995.D
 Acq: 17 Feb 2022 22:07

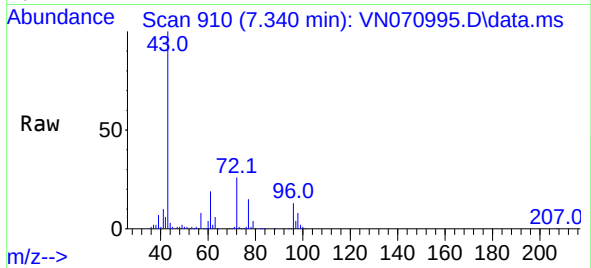
Tgt Ion: 63 Resp: 666639
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.9
 100 4.3 2.1 6.5





#25
2-Butanone
Concen: 302.764 ug/l
RT: 7.340 min Scan# 910
Delta R.T. 0.012 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

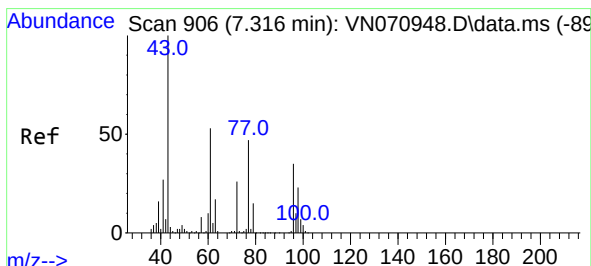
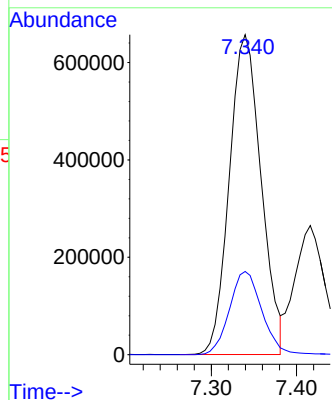
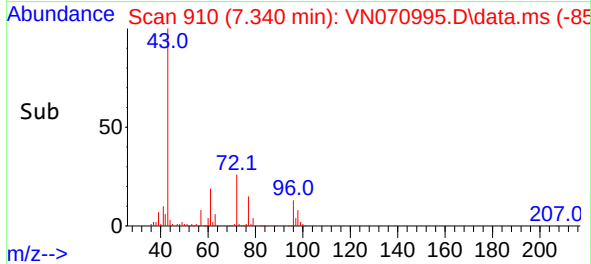
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



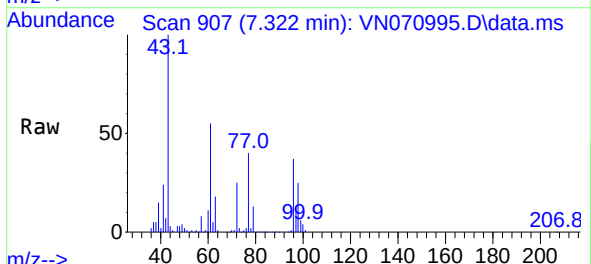
Tgt Ion: 43 Resp: 1699840
Ion Ratio Lower Upper
43 100
72 26.0 21.7 32.5

Manual Integrations
APPROVED

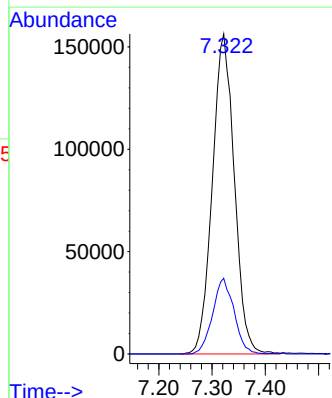
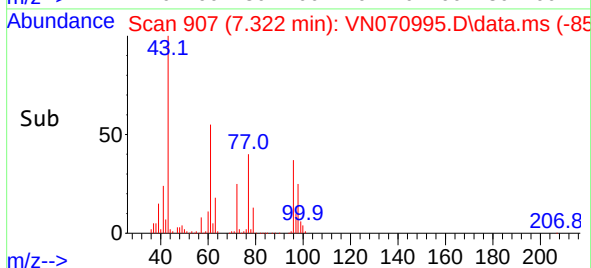
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

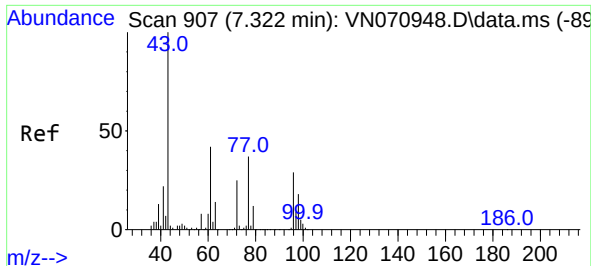


#26
2,2-Dichloropropane
Concen: 39.971 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.006 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07



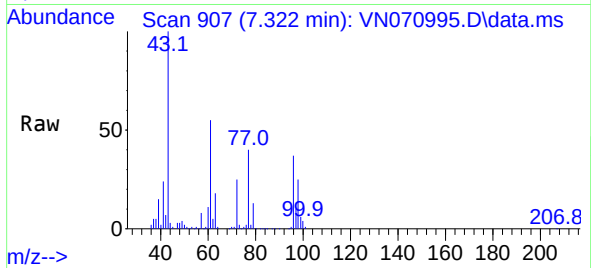
Tgt Ion: 77 Resp: 447380
Ion Ratio Lower Upper
77 100
97 23.0 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 47.930 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. 0.000 min
 Lab File: VN070995.D
 Acq: 17 Feb 2022 22:07

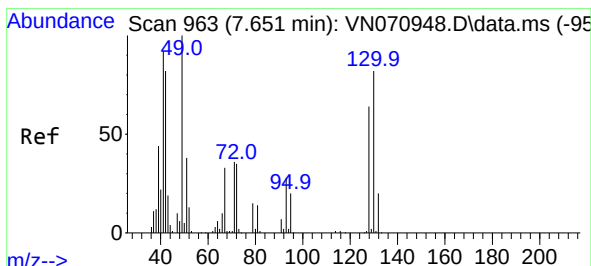
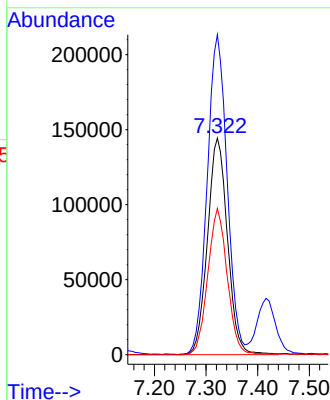
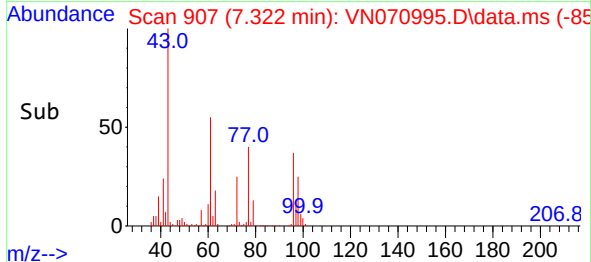
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 38833
 Ion Ratio Lower Upper
 96 100
 61 146.5 0.0 275.0
 98 65.7 0.0 129.6

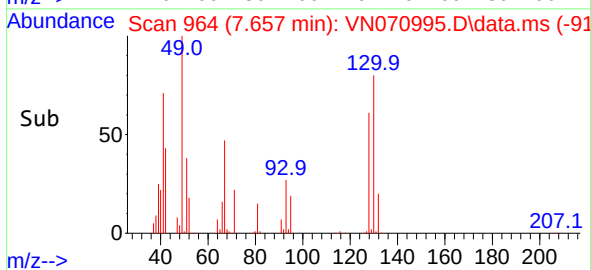
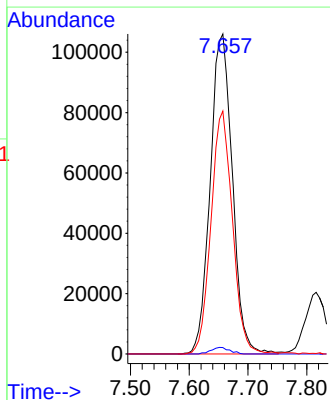
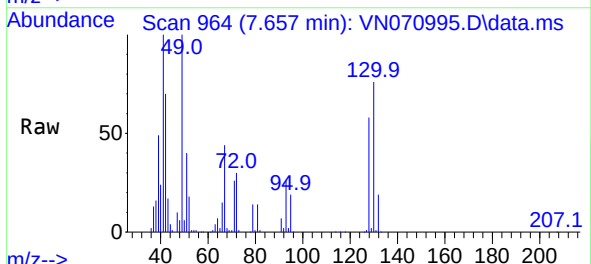
Manual Integrations
 APPROVED

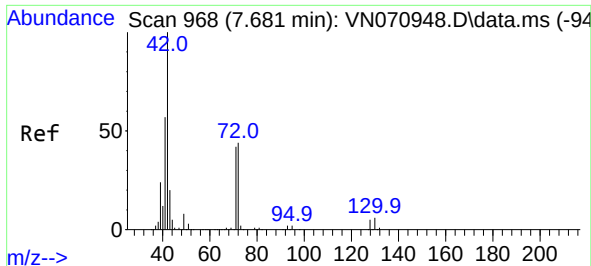
Reviewed By :John Carlone 02/18/2022
 Supervised By :Mahesh Dadoda 02/21/2022



#28
 Bromochloromethane
 Concen: 50.918 ug/l
 RT: 7.657 min Scan# 964
 Delta R.T. 0.006 min
 Lab File: VN070995.D
 Acq: 17 Feb 2022 22:07

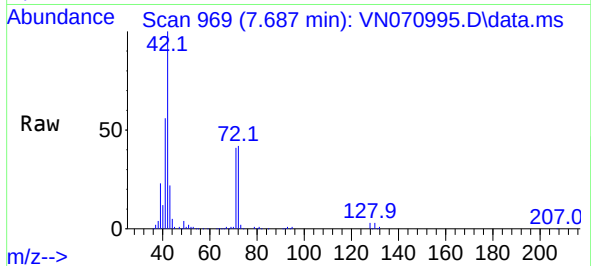
Tgt Ion: 49 Resp: 277545
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.0
 130 73.6 67.8 101.8





#29
Tetrahydrofuran
Concen: 319.127 ug/l
RT: 7.687 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

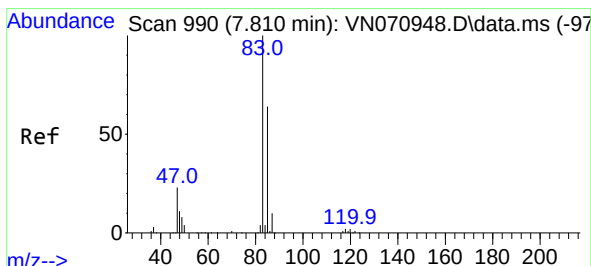
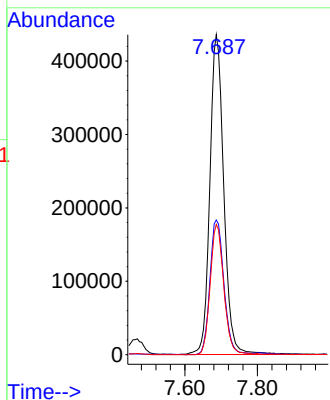
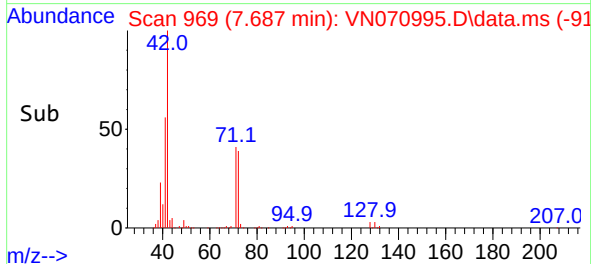
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



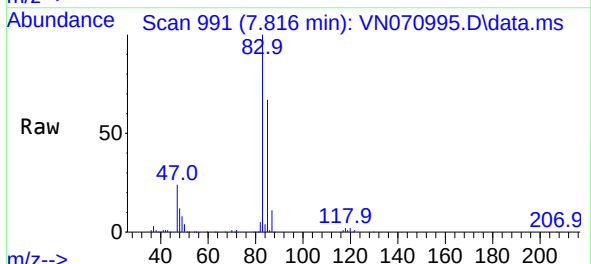
Tgt Ion: 42 Resp: 116070
Ion Ratio Lower Upper
42 100
72 42.5 36.3 54.5
71 39.7 34.7 52.1

Manual Integrations
APPROVED

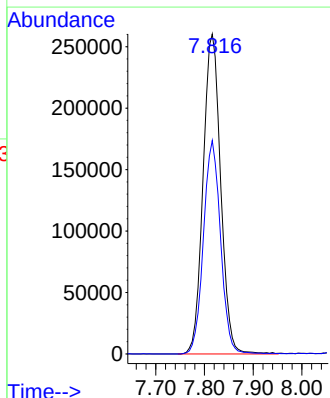
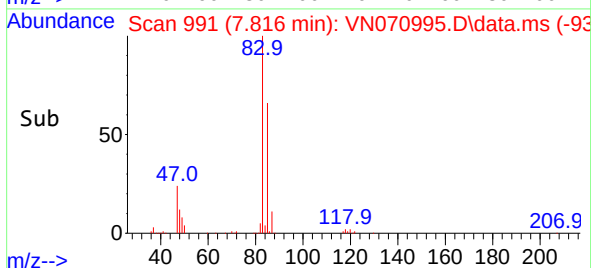
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

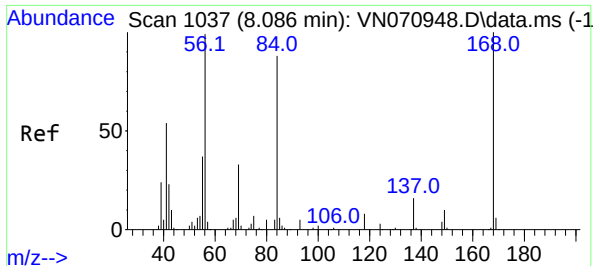


#30
Chloroform
Concen: 49.221 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07



Tgt Ion: 83 Resp: 651961
Ion Ratio Lower Upper
83 100
85 66.7 51.9 77.9





#31

Cyclohexane

Concen: 46.018 ug/l

RT: 8.087 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VN070995.D

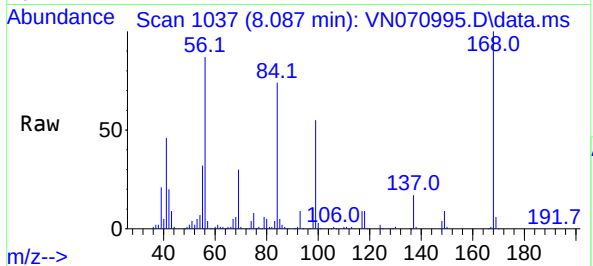
Acq: 17 Feb 2022 22:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 56 Resp: 609900

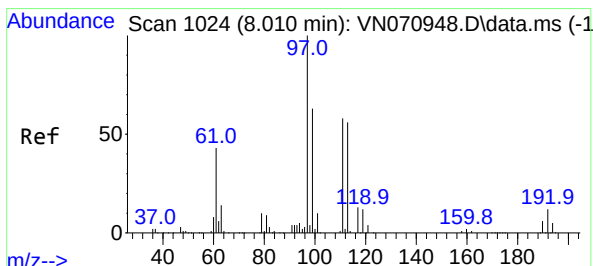
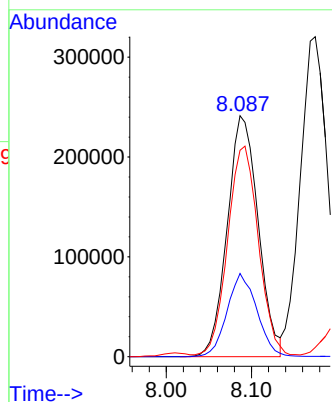
Ion	Ratio	Lower	Upper
56	100		
69	34.5	27.1	40.7
84	84.2	73.4	110.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/21/2022



#32

1,1,1-Trichloroethane

Concen: 48.923 ug/l

RT: 8.010 min Scan# 1024

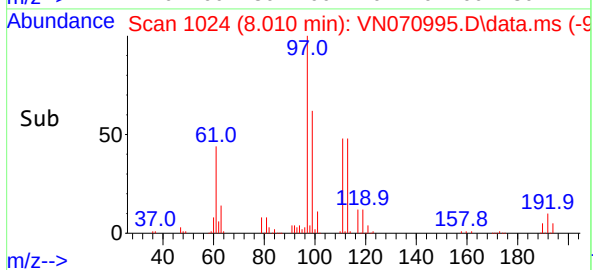
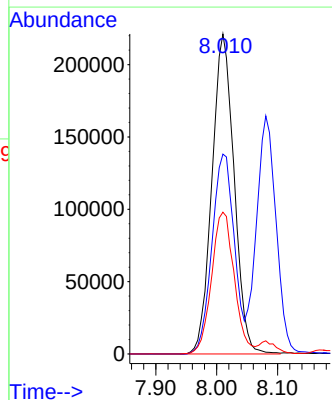
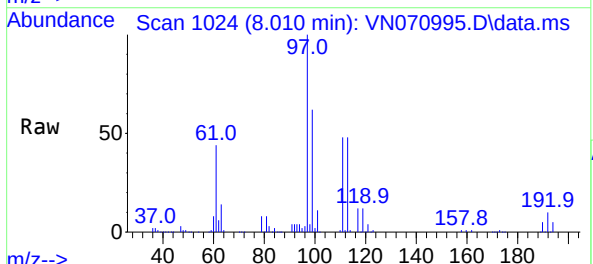
Delta R.T. 0.000 min

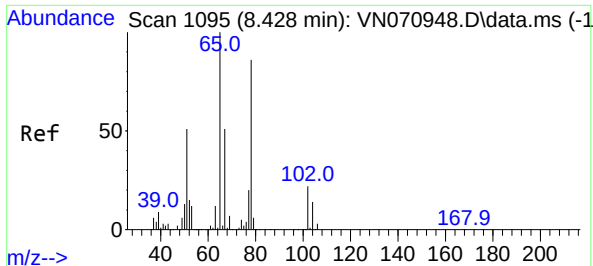
Lab File: VN070995.D

Acq: 17 Feb 2022 22:07

Tgt Ion: 97 Resp: 559611

Ion	Ratio	Lower	Upper
97	100		
99	62.9	50.1	75.1
61	45.5	35.2	52.8





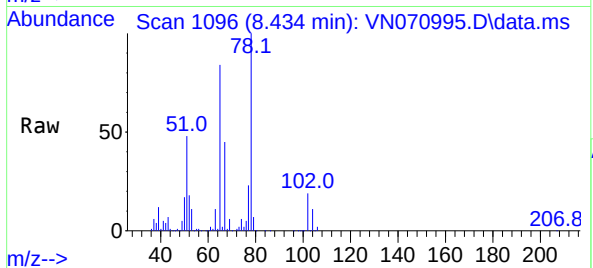
#33
1,2-Dichloroethane-d4
Concen: 48.511 ug/l
RT: 8.434 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



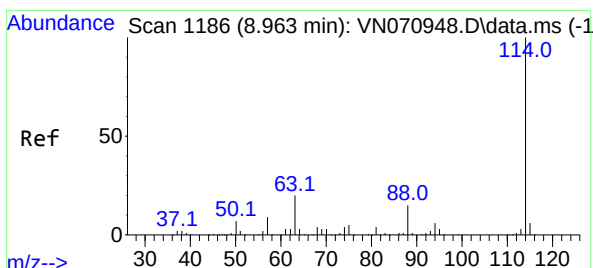
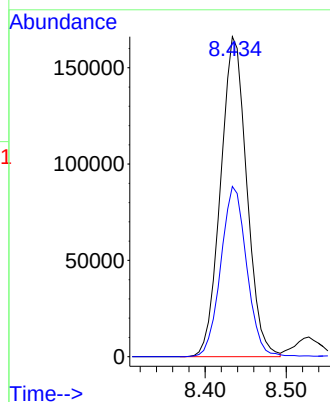
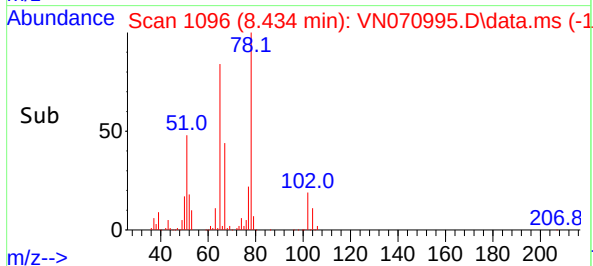
Tgt Ion: 65 Resp: 371760
Ion Ratio Lower Upper
65 100
67 52.8 0.0 103.0

Manual Integrations

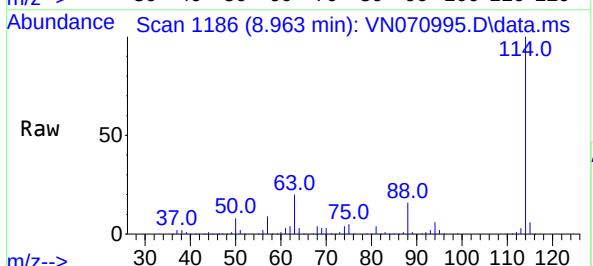
APPROVED

Reviewed By :John Carlone 02/18/2022

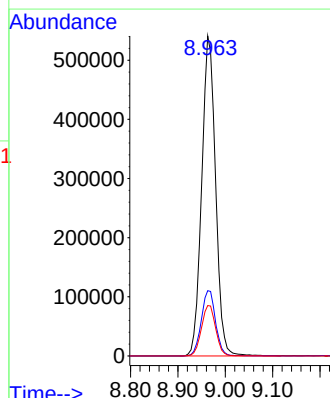
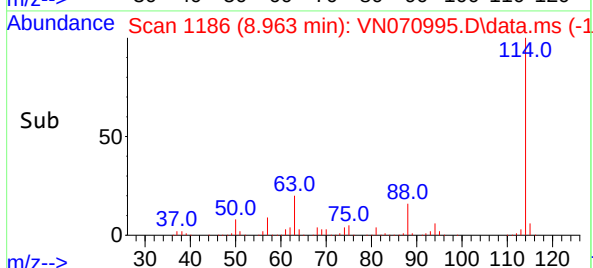
Supervised By :Mahesh Dadoda 02/21/2022

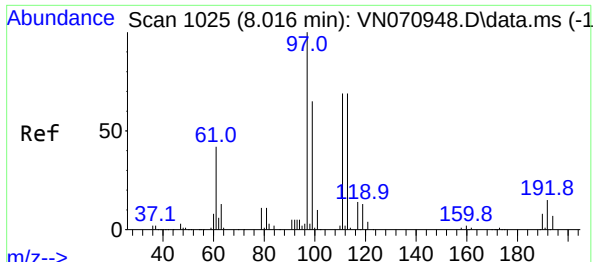


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07



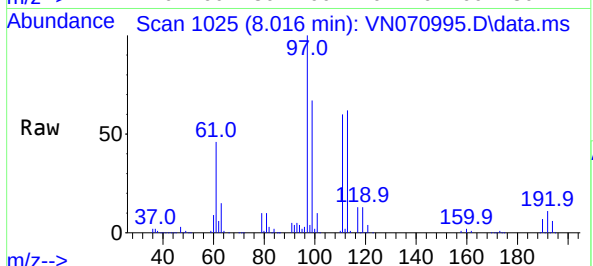
Tgt Ion:114 Resp: 1101677
Ion Ratio Lower Upper
114 100
63 20.4 0.0 37.8
88 15.7 0.0 27.4





#35
Dibromofluoromethane
Concen: 45.620 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.000 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

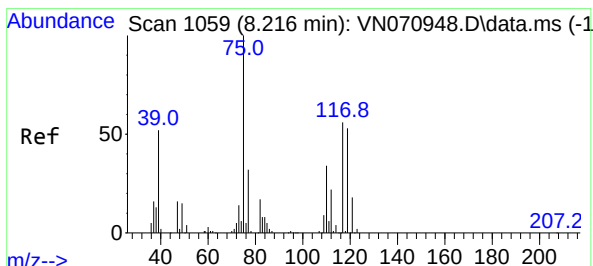
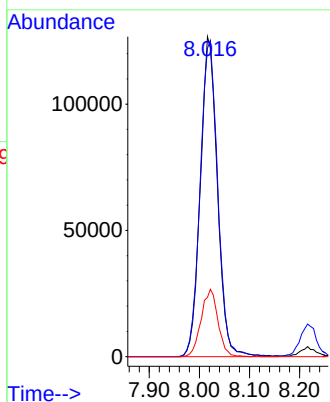
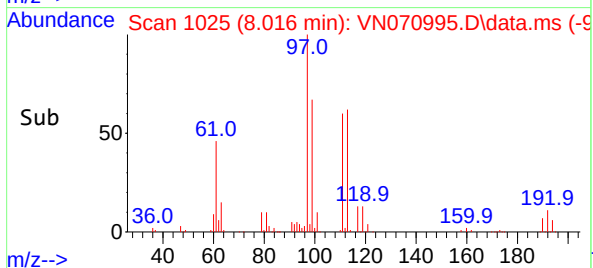
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



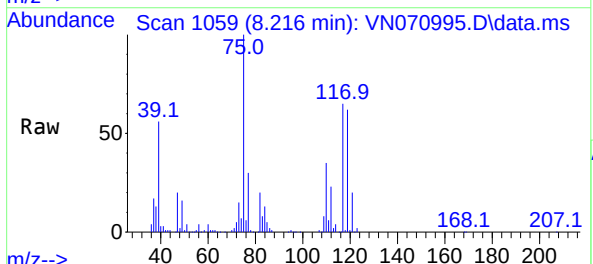
Tgt Ion: 113 Resp: 298938
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 20.9 16.9 25.3

Manual Integrations
APPROVED

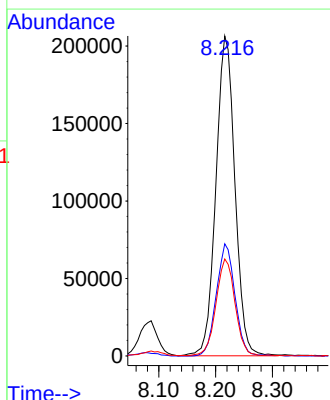
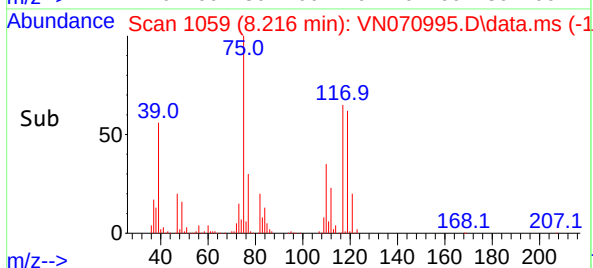
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

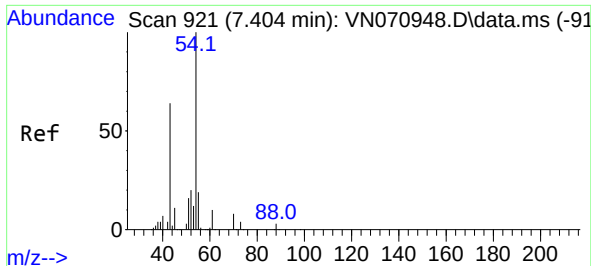


#36
1,1-Dichloropropene
Concen: 44.719 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07



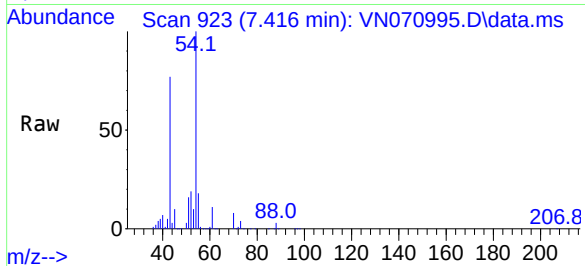
Tgt Ion: 75 Resp: 480091
Ion Ratio Lower Upper
75 100
110 34.4 18.4 55.2
77 30.2 24.4 36.6





#37
Ethyl Acetate
Concen: 59.114 ug/l
RT: 7.416 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

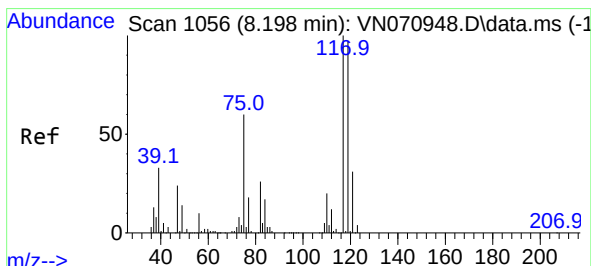
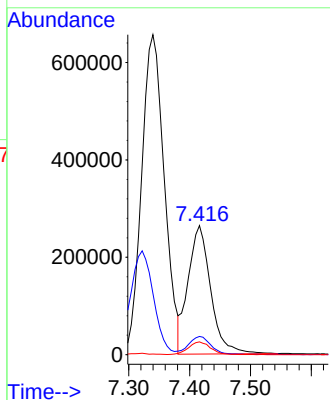
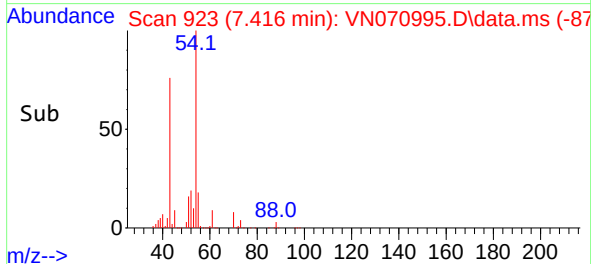
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 680615
Ion Ratio Lower Upper
43 100
61 13.9 11.5 17.3
70 9.6 7.9 11.9

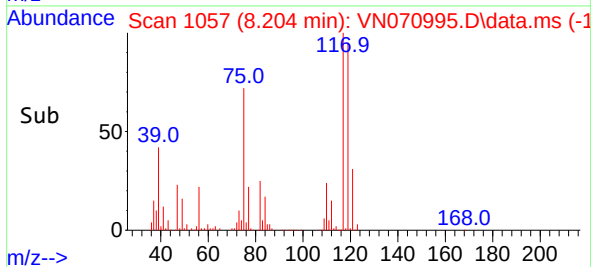
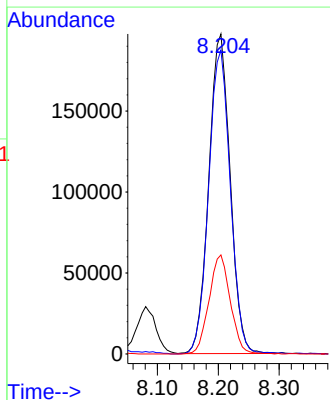
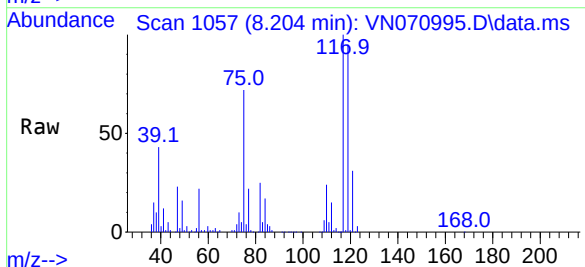
Manual Integrations
APPROVED

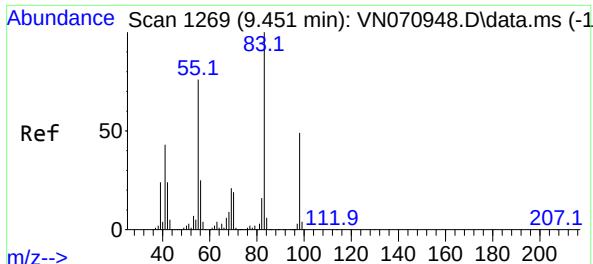
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#38
Carbon Tetrachloride
Concen: 45.455 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

Tgt Ion:117 Resp: 480816
Ion Ratio Lower Upper
117 100
119 95.1 76.1 114.1
121 31.0 24.2 36.2





#39

Methylcyclohexane

Concen: 42.210 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. 0.006 min

Lab File: VN070995.D

Acq: 17 Feb 2022 22:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 583099

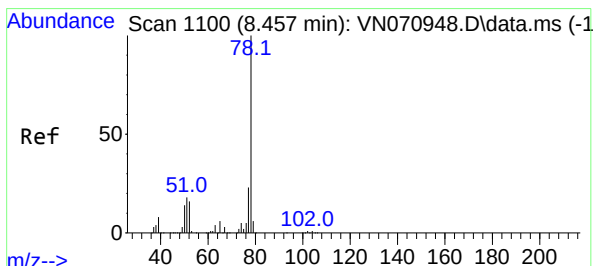
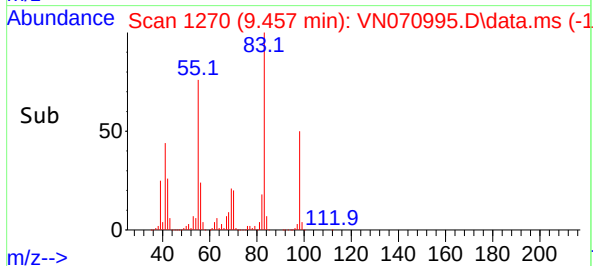
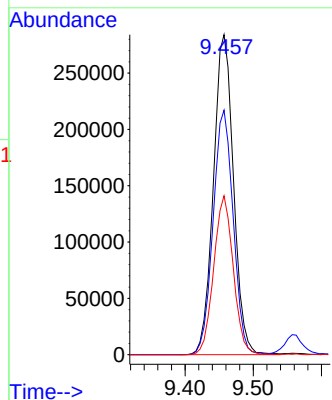
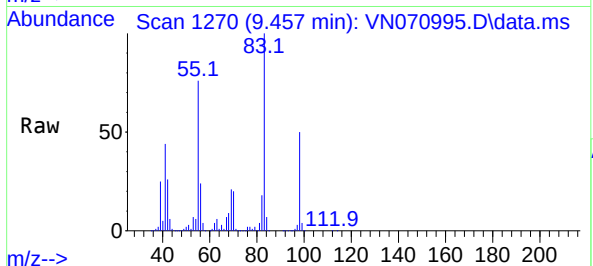
Ion	Ratio	Lower	Upper
83	100		
55	76.4	58.1	87.1
98	49.6	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/21/2022



#40

Benzene

Concen: 46.754 ug/l

RT: 8.457 min Scan# 1100

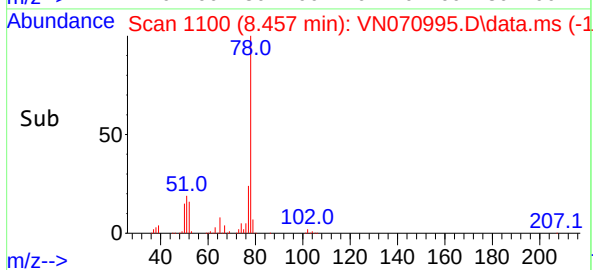
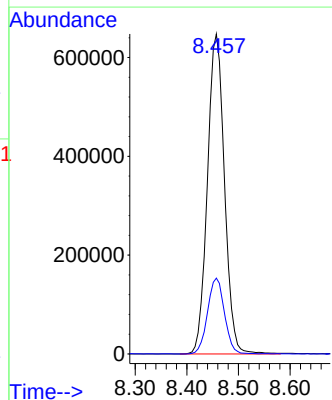
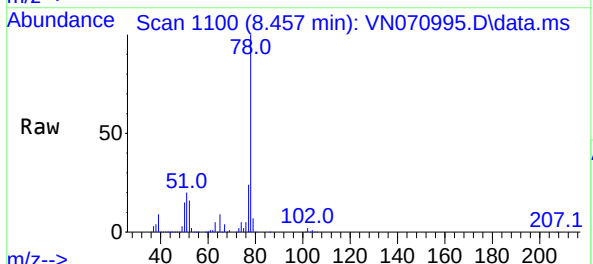
Delta R.T. 0.000 min

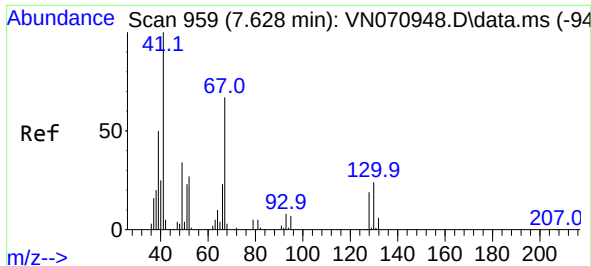
Lab File: VN070995.D

Acq: 17 Feb 2022 22:07

Tgt Ion: 78 Resp: 1484718

Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.6	27.8





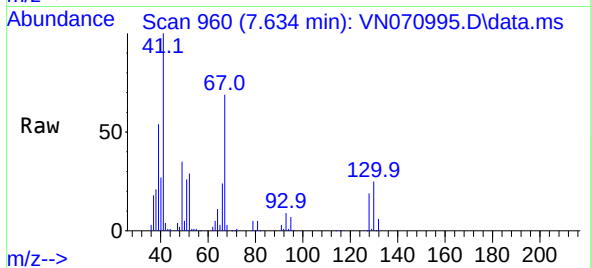
#41
Methacrylonitrile
Concen: 51.031 ug/l
RT: 7.634 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

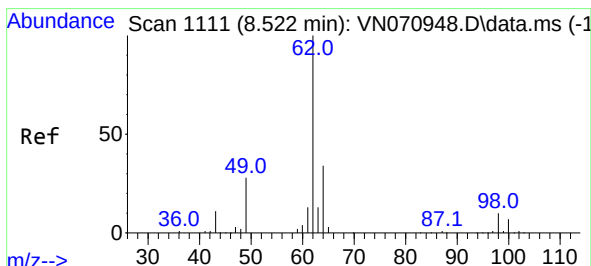
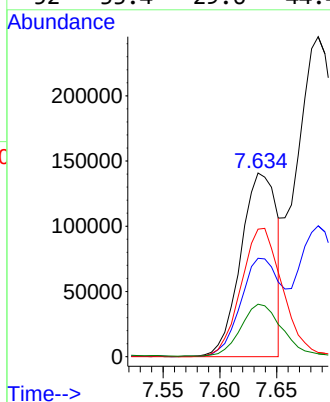
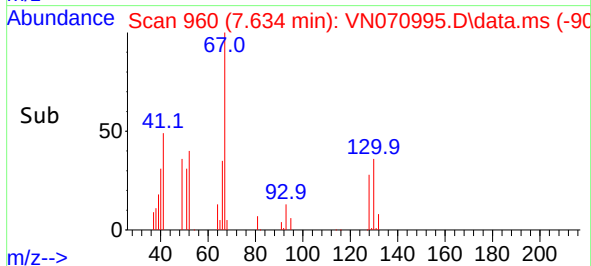


Tgt Ion: 41 Resp: 30945
Ion Ratio Lower Upper
41 100
39 59.7 48.1 72.1
67 81.1 68.3 102.5
52 33.4 29.6 44.4

Manual Integrations

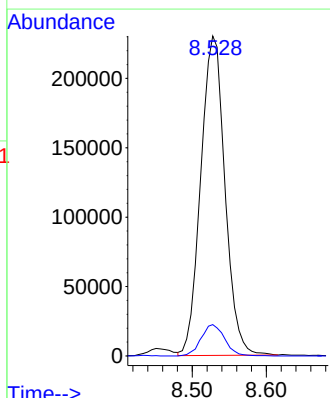
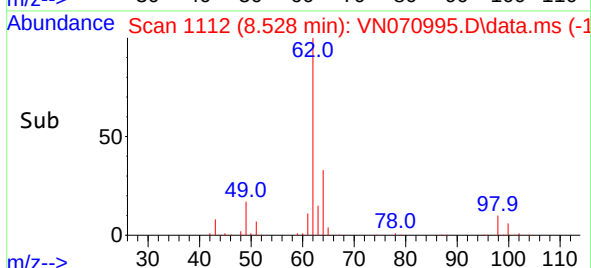
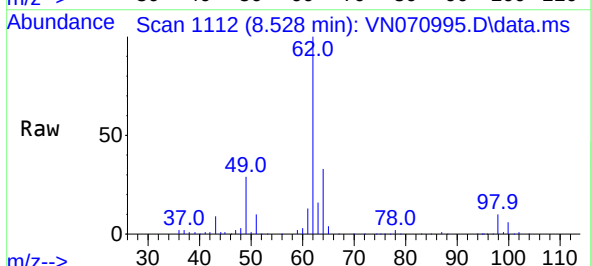
APPROVED

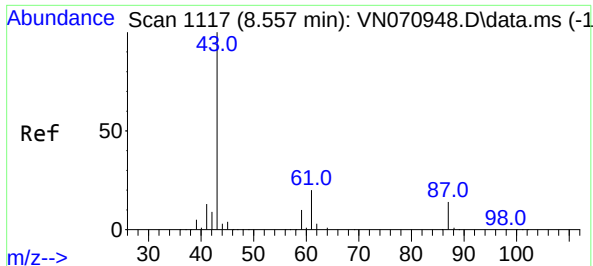
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#42
1,2-Dichloroethane
Concen: 48.293 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

Tgt Ion: 62 Resp: 522313
Ion Ratio Lower Upper
62 100
98 9.6 0.0 17.6





#43

Isopropyl Acetate

Concen: 53.910 ug/l

RT: 8.563 min Scan# 1118

Delta R.T. 0.006 min

Lab File: VN070995.D

Acq: 17 Feb 2022 22:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 978360

Ion Ratio Lower Upper

43 100

61 25.5 20.4 30.6

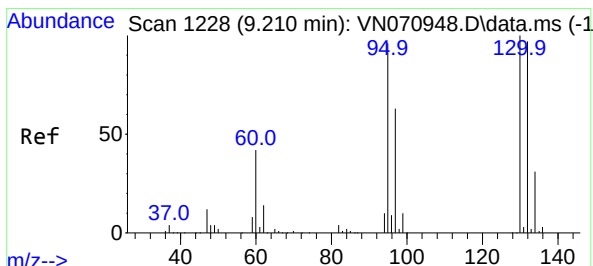
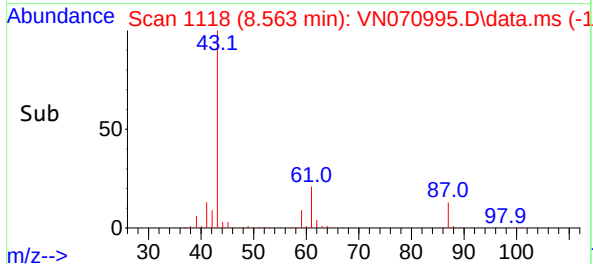
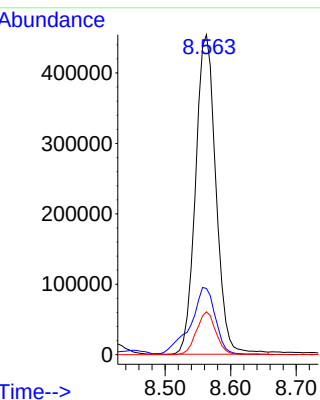
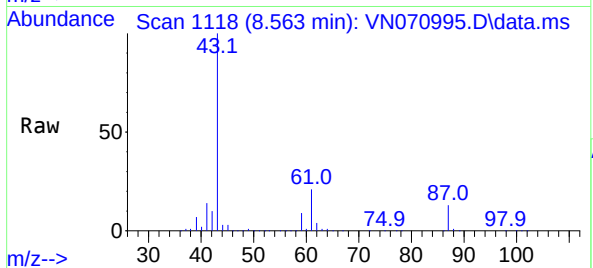
87 12.9 11.2 16.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/21/2022



#44

Trichloroethene

Concen: 43.483 ug/l

RT: 9.210 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VN070995.D

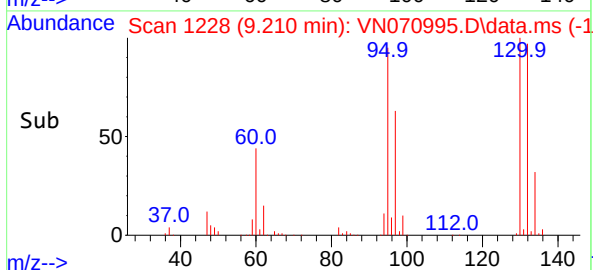
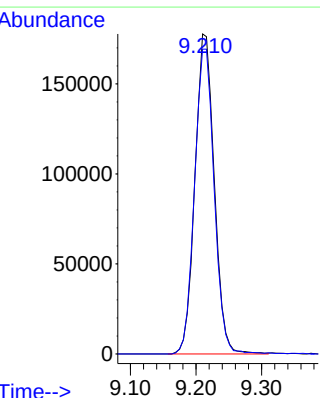
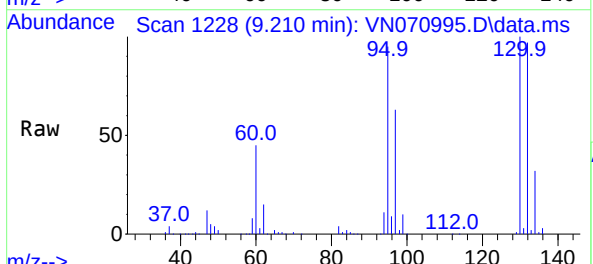
Acq: 17 Feb 2022 22:07

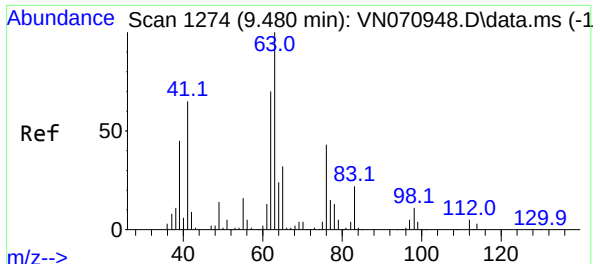
Tgt Ion:130 Resp: 363611

Ion Ratio Lower Upper

130 100

95 95.2 0.0 191.2





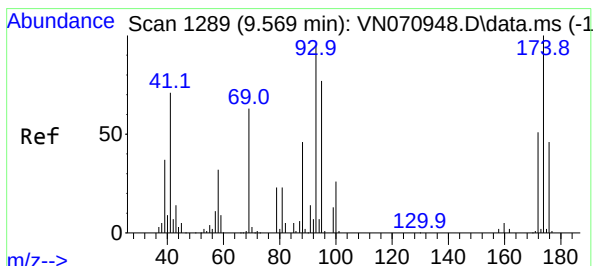
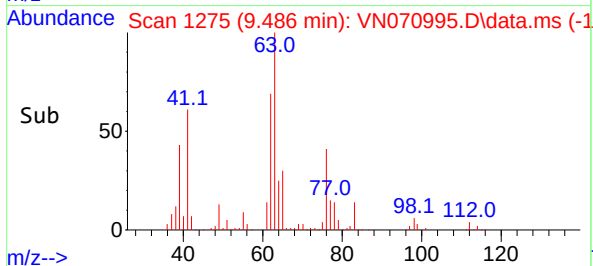
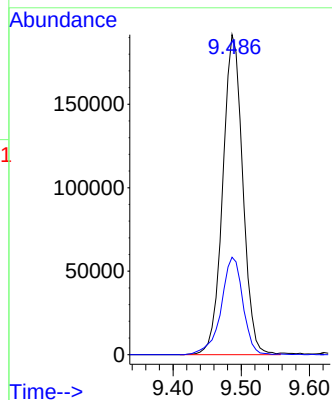
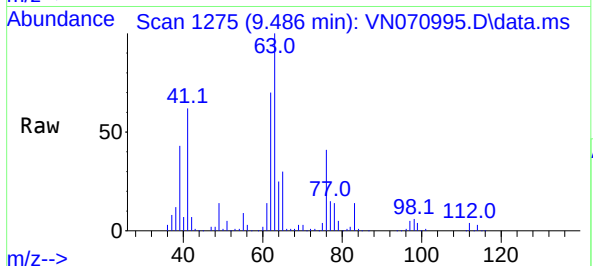
#45
1,2-Dichloropropane
Concen: 48.147 ug/l
RT: 9.486 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 39165
Ion Ratio Lower Upper
63 100
65 30.4 24.7 37.1

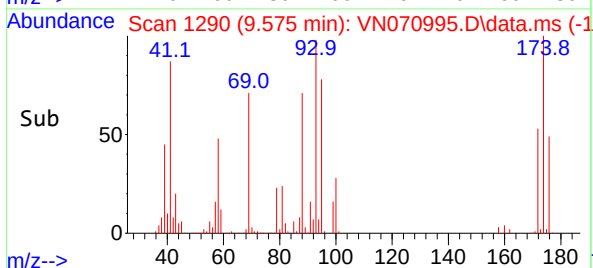
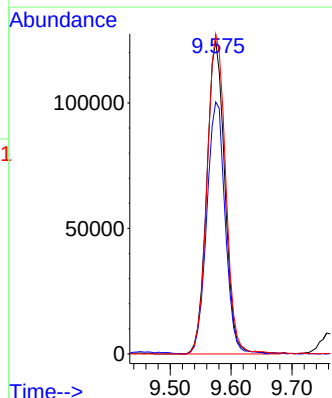
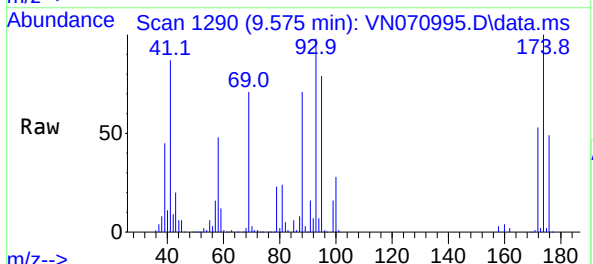
Manual Integrations
APPROVED

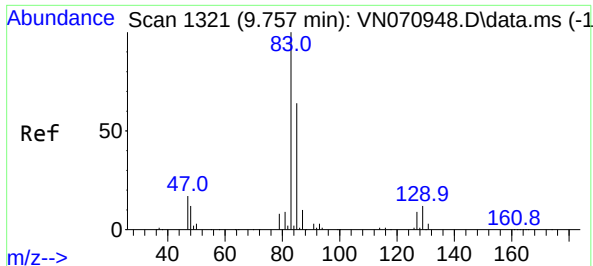
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#46
Dibromomethane
Concen: 48.083 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. 0.006 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

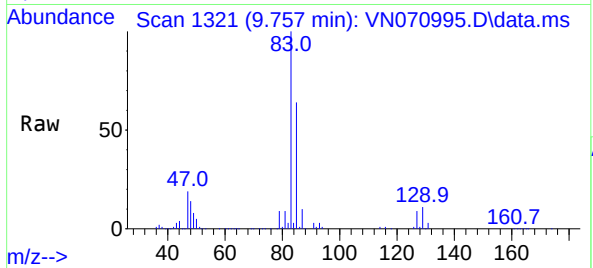
Tgt Ion: 93 Resp: 257399
Ion Ratio Lower Upper
93 100
95 81.7 65.9 98.9
174 104.8 84.6 127.0





#47
Bromodichloromethane
Concen: 47.705 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

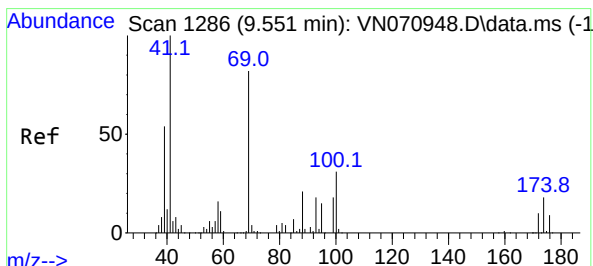
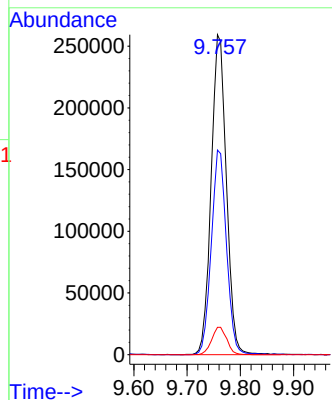
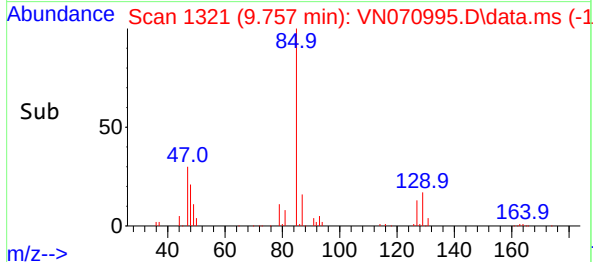
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



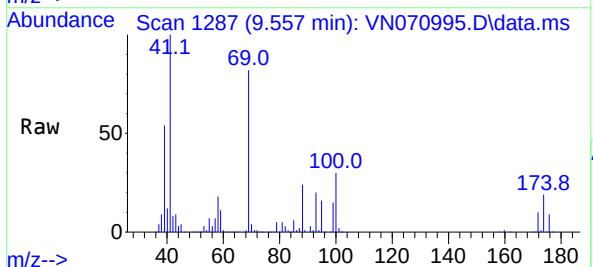
Tgt Ion: 83 Resp: 516120
Ion Ratio Lower Upper
83 100
85 63.9 50.9 76.3
127 8.6 7.1 10.7

Manual Integrations
APPROVED

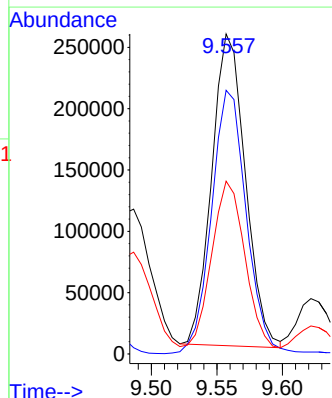
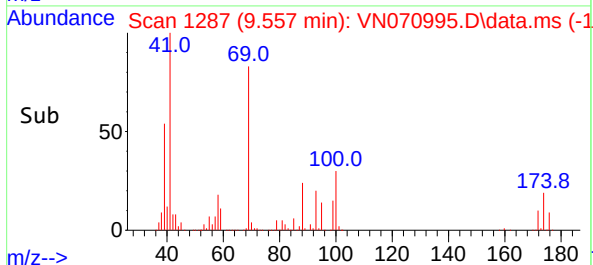
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

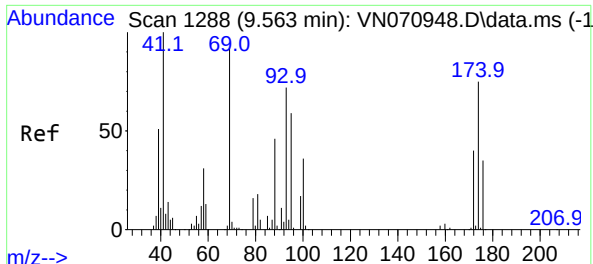


#48
Methyl methacrylate
Concen: 52.669 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07



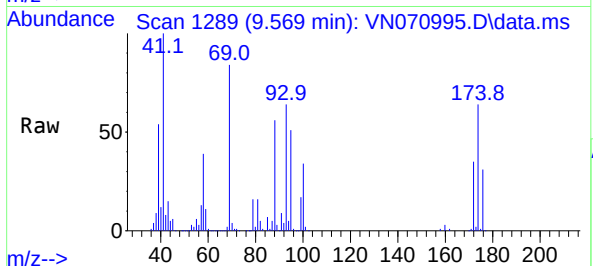
Tgt Ion: 41 Resp: 452429
Ion Ratio Lower Upper
41 100
69 88.3 72.4 108.6
39 57.2 58.4 87.6#





#49
1,4-Dioxane
Concen: 1333.041 ug/l
RT: 9.569 min Scan# 1288
Delta R.T. 0.006 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

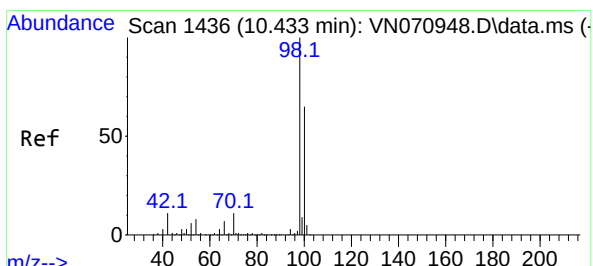
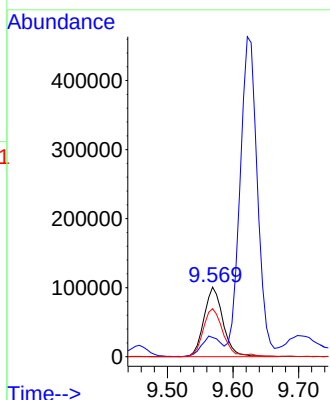
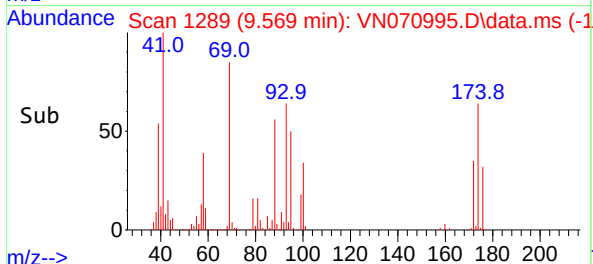
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 203382
Ion Ratio Lower Upper
88 100
43 29.3 23.4 35.2
58 73.0 50.6 75.8

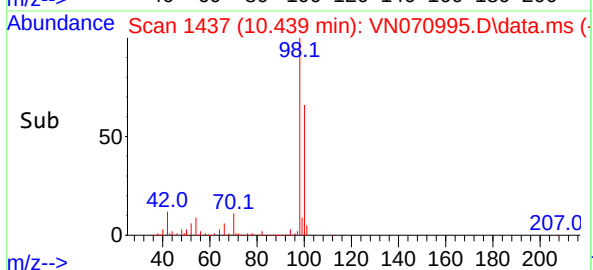
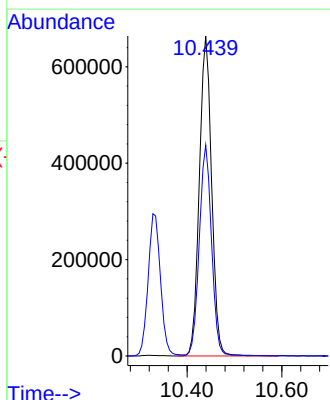
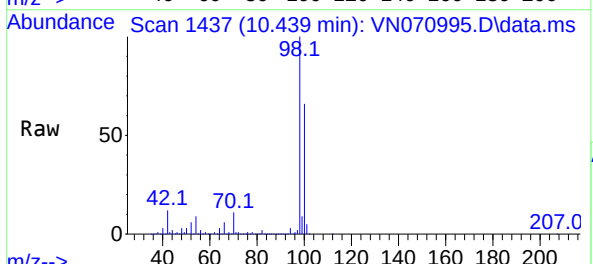
Manual Integrations
APPROVED

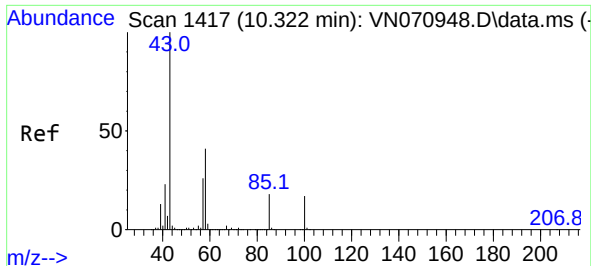
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#50
Toluene-d8
Concen: 45.330 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

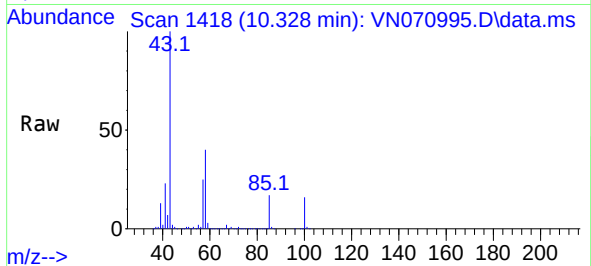
Tgt Ion: 98 Resp: 1192887
Ion Ratio Lower Upper
98 100
100 65.8 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 304.784 ug/l
RT: 10.328 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

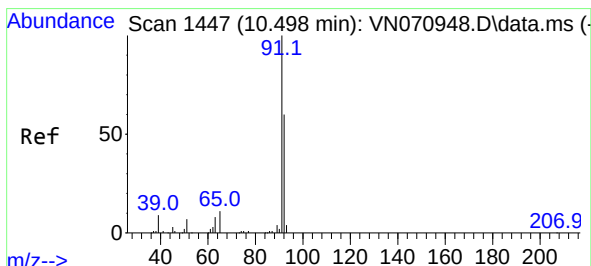
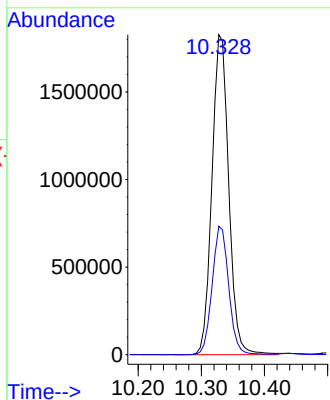
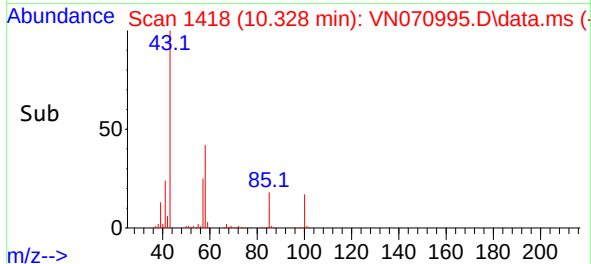
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



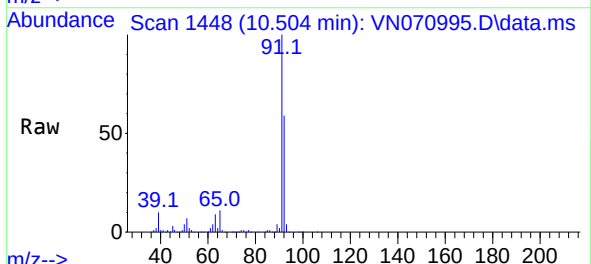
Tgt Ion: 43 Resp: 3365330
Ion Ratio Lower Upper
43 100
58 39.7 30.4 45.6

Manual Integrations
APPROVED

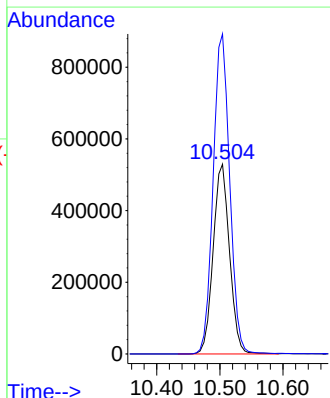
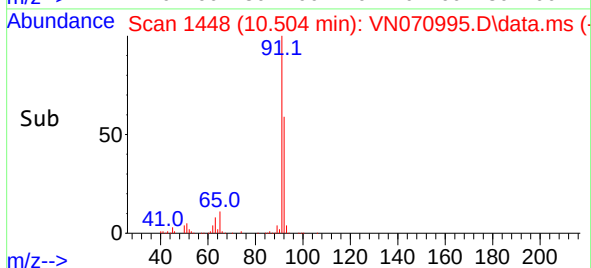
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

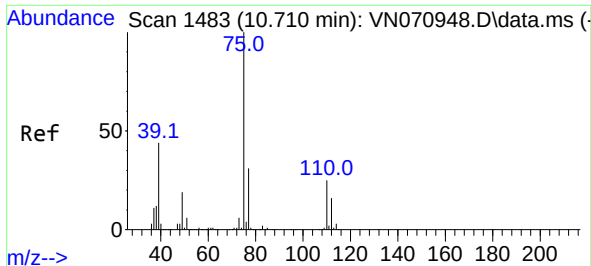


#52
Toluene
Concen: 47.746 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07



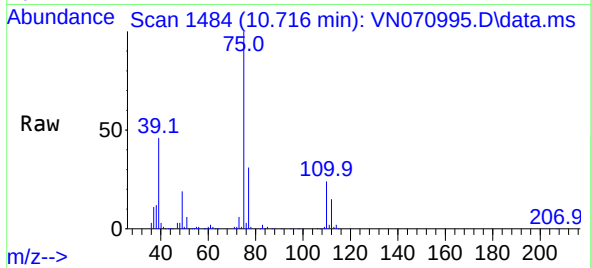
Tgt Ion: 92 Resp: 952752
Ion Ratio Lower Upper
92 100
91 170.7 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 47.852 ug/l
RT: 10.716 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

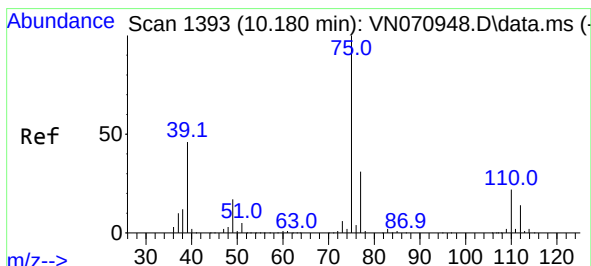
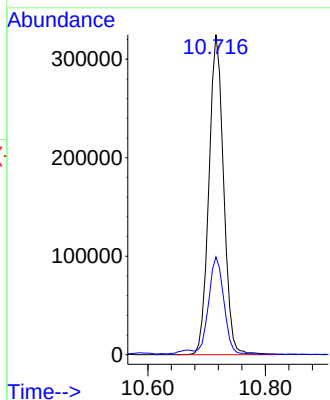
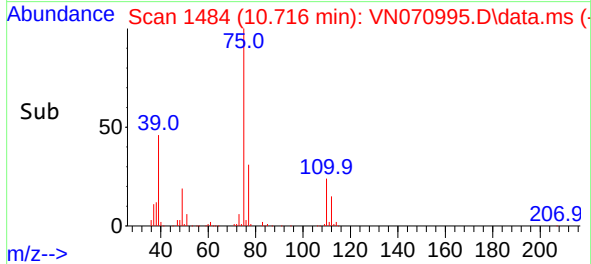
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 562944
Ion Ratio Lower Upper
75 100
77 30.4 25.6 38.4

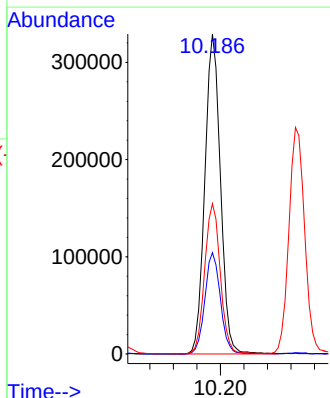
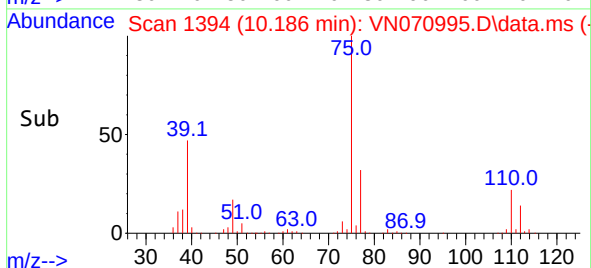
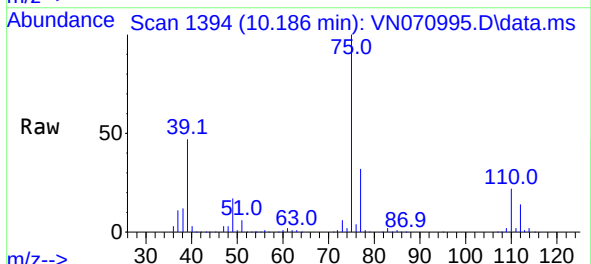
Manual Integrations
APPROVED

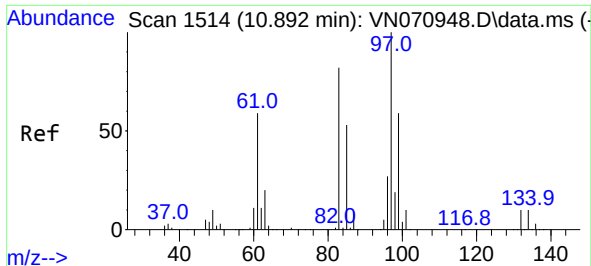
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#54
cis-1,3-Dichloropropene
Concen: 47.009 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.006 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

Tgt Ion: 75 Resp: 607335
Ion Ratio Lower Upper
75 100
77 31.6 26.4 39.6
39 46.9 42.5 63.7





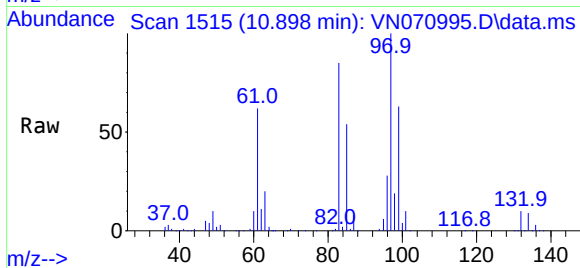
#55
1,1,2-Trichloroethane
Concen: 48.616 ug/l
RT: 10.898 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

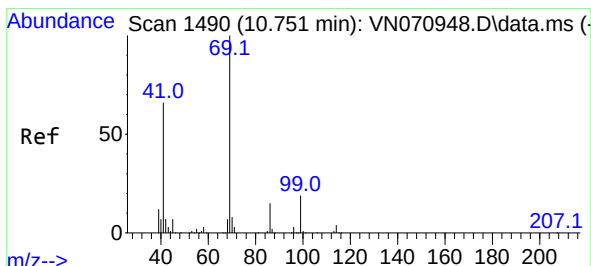
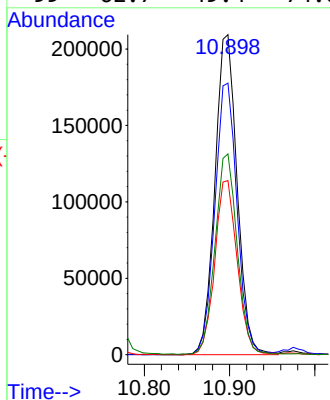
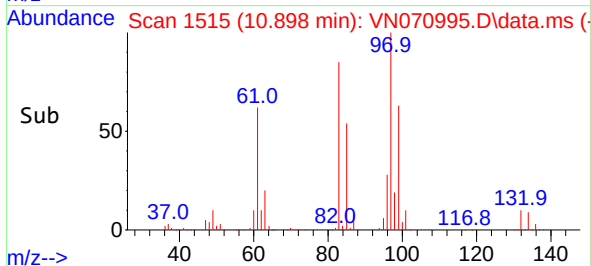


Tgt Ion: 97 Resp: 379721
Ion Ratio Lower Upper
97 100
83 84.8 67.8 101.6
85 54.4 45.4 68.2
99 62.7 49.4 74.0

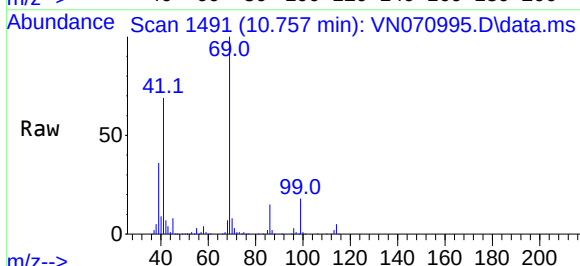
Manual Integrations

APPROVED

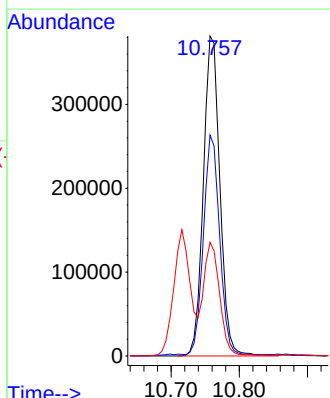
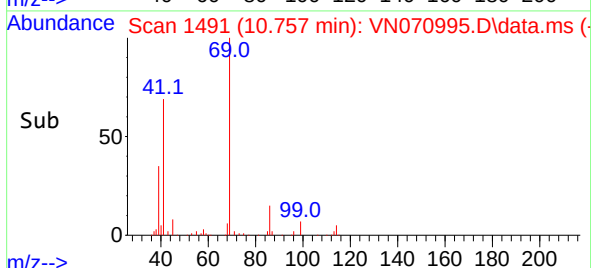
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

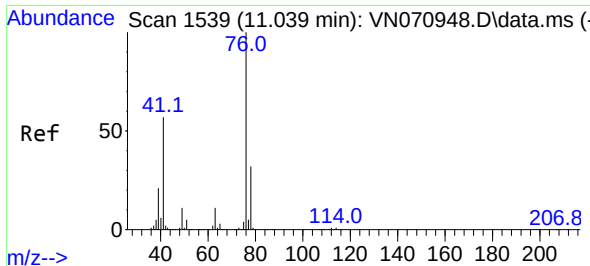


#56
Ethyl methacrylate
Concen: 54.934 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07



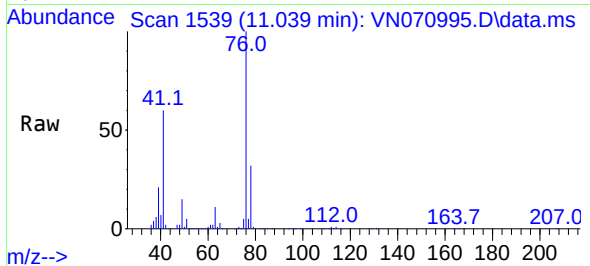
Tgt Ion: 69 Resp: 646491
Ion Ratio Lower Upper
69 100
41 66.5 51.4 77.0
39 33.4 34.6 52.0#





#57
1,3-Dichloropropane
Concen: 49.702 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

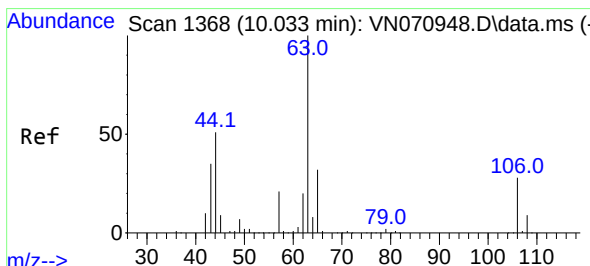
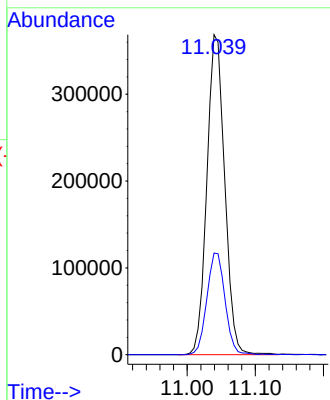
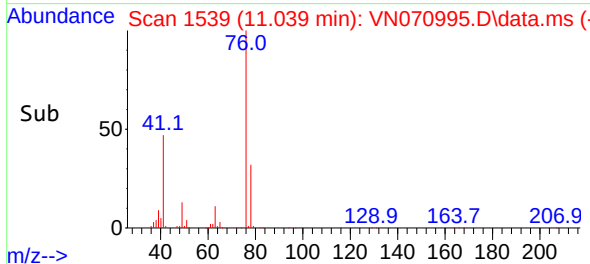
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



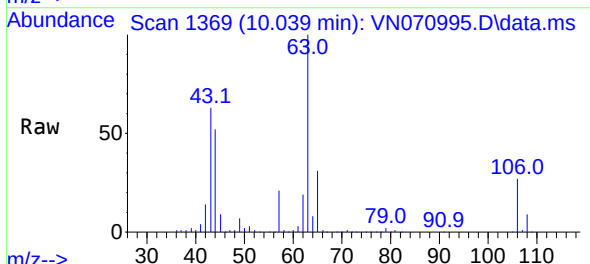
Tgt Ion: 76 Resp: 671499
Ion Ratio Lower Upper
76 100
78 32.3 25.7 38.5

Manual Integrations
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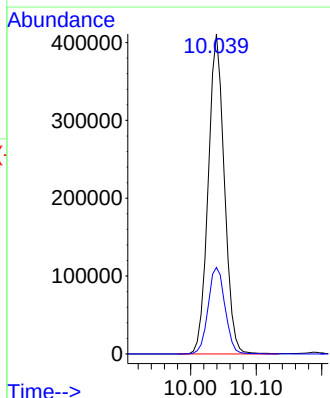
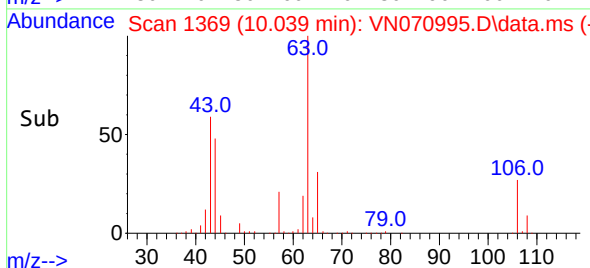
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

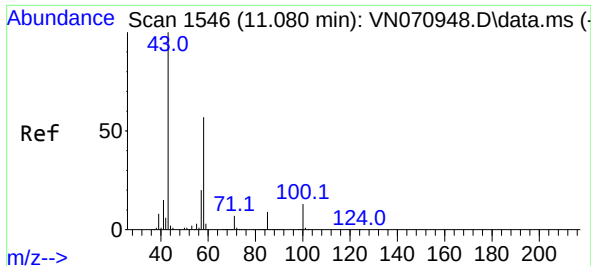


#58
2-Chloroethyl Vinyl ether
Concen: 265.818 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07



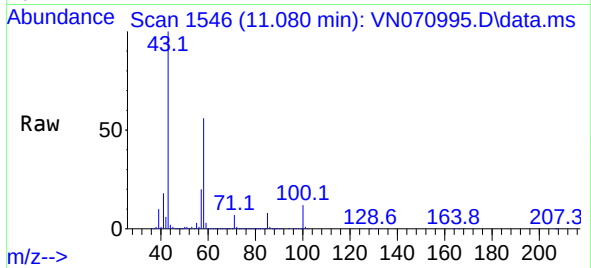
Tgt Ion: 63 Resp: 701886
Ion Ratio Lower Upper
63 100
106 28.3 23.9 35.9





#59
2-Hexanone
Concen: 324.414 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

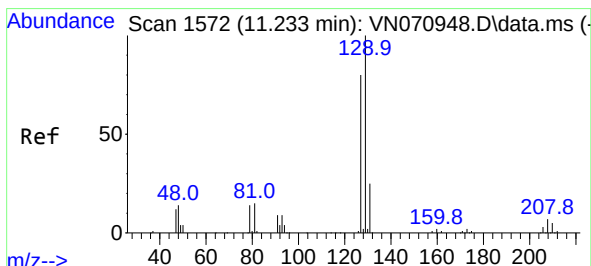
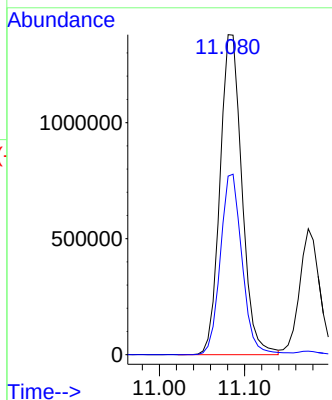
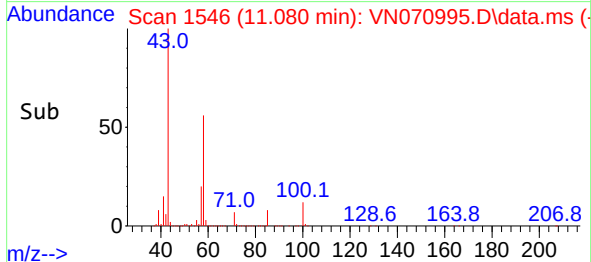
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



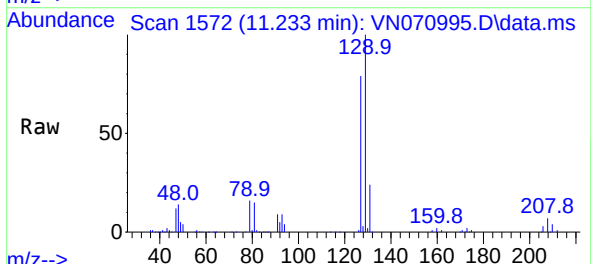
Tgt Ion: 43 Resp: 2463588
Ion Ratio Lower Upper
43 100
58 56.0 26.9 80.7

Manual Integrations
APPROVED

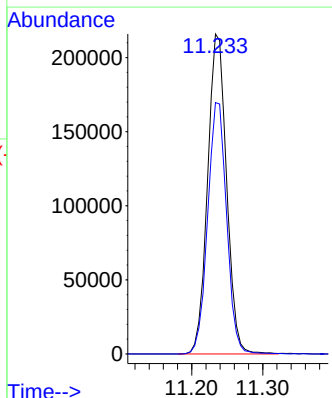
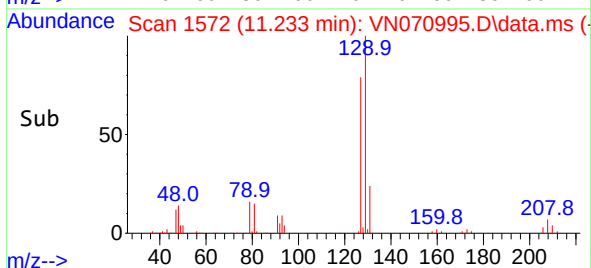
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

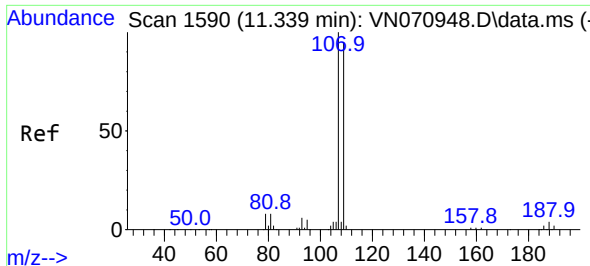


#60
Dibromochloromethane
Concen: 48.553 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07



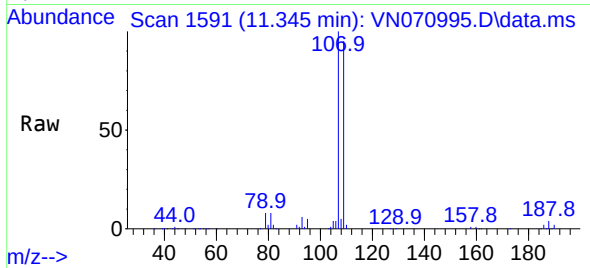
Tgt Ion:129 Resp: 400788
Ion Ratio Lower Upper
129 100
127 78.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 50.040 ug/l
RT: 11.345 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

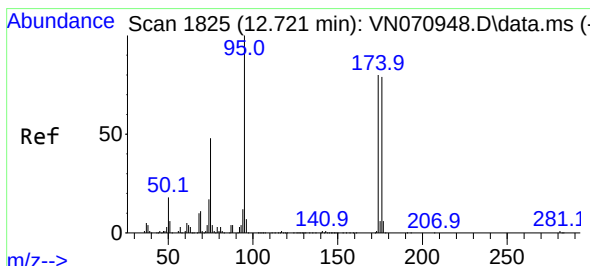
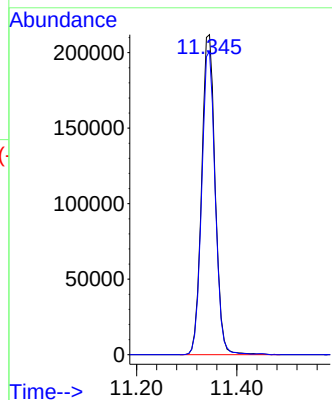
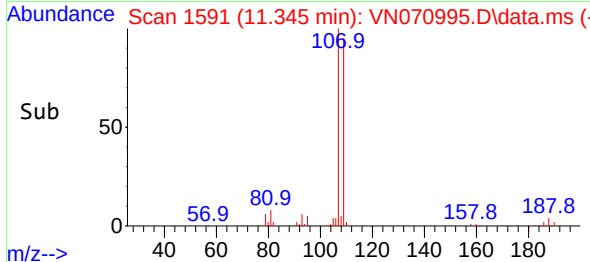
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



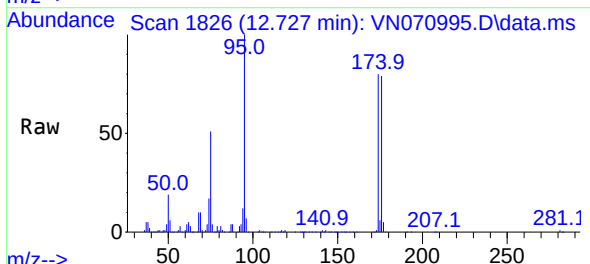
Tgt Ion:107 Resp: 397552
Ion Ratio Lower Upper
107 100
109 94.2 75.7 113.5

Manual Integrations
APPROVED

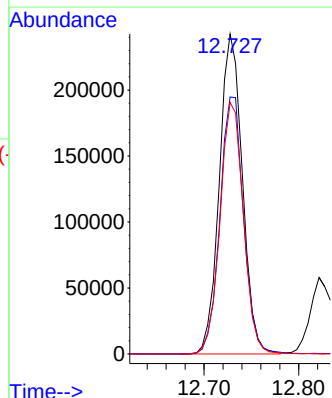
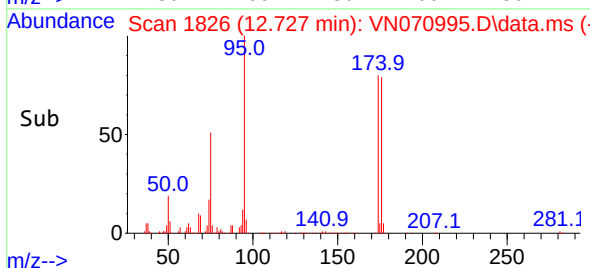
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

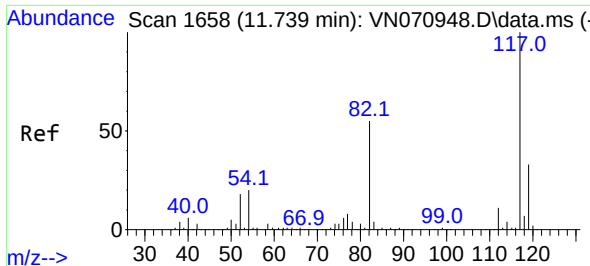


#62
4-Bromofluorobenzene
Concen: 43.527 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07



Tgt Ion: 95 Resp: 409427
Ion Ratio Lower Upper
95 100
174 82.6 0.0 187.2
176 79.6 0.0 181.4





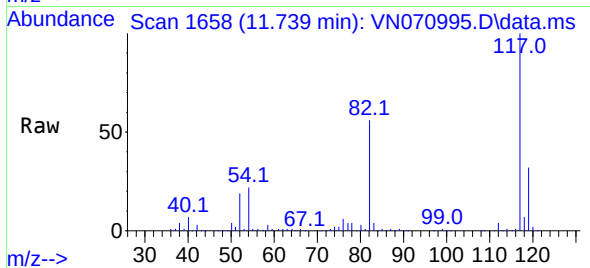
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



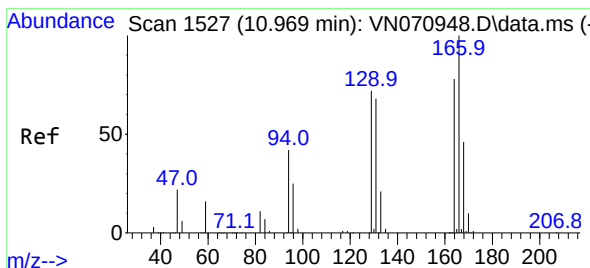
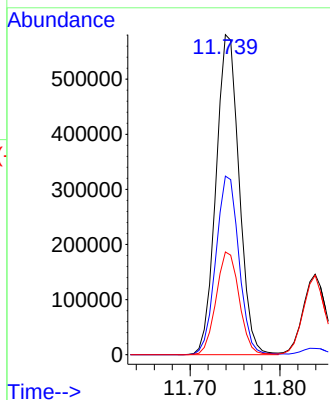
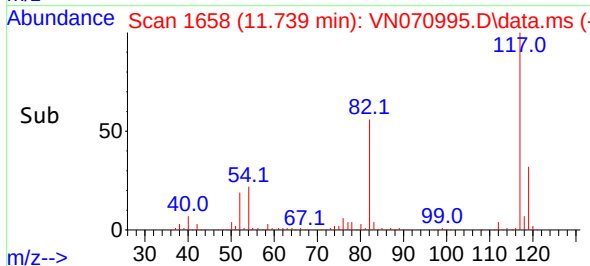
Tgt Ion:117 Resp: 1039180
Ion Ratio Lower Upper
117 100
82 55.8 42.4 63.6
119 32.1 25.4 38.2

Manual Integrations

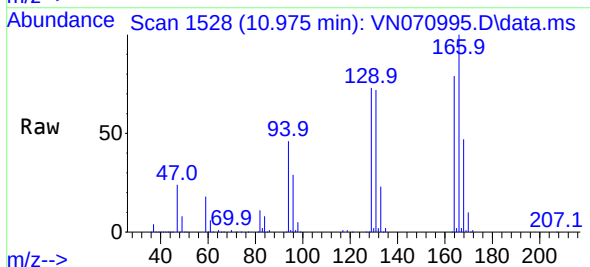
APPROVED

Reviewed By :John Carlone 02/18/2022

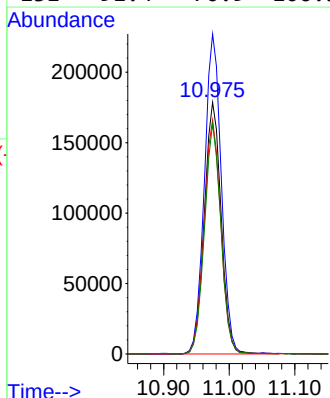
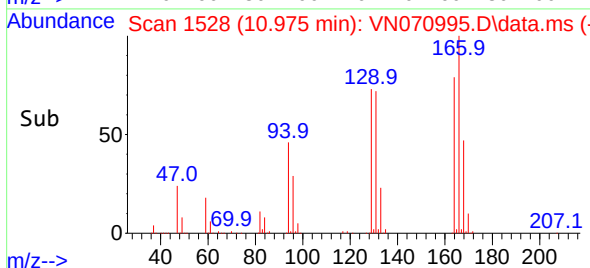
Supervised By :Mahesh Dadoda 02/21/2022

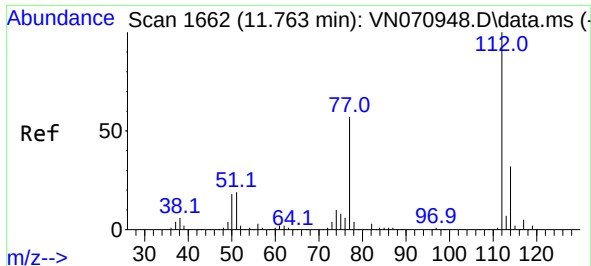


#64
Tetrachloroethene
Concen: 39.537 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.006 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07



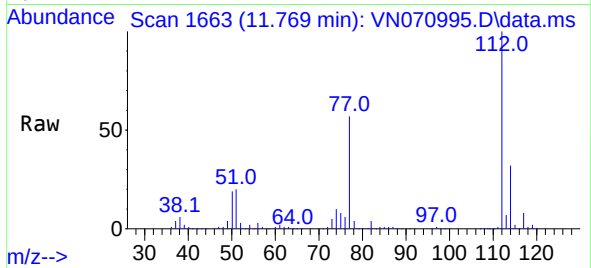
Tgt Ion:164 Resp: 319981
Ion Ratio Lower Upper
164 100
166 127.1 101.9 152.9
129 93.0 72.0 108.0
131 91.4 70.9 106.3





#65
Chlorobenzene
Concen: 45.063 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

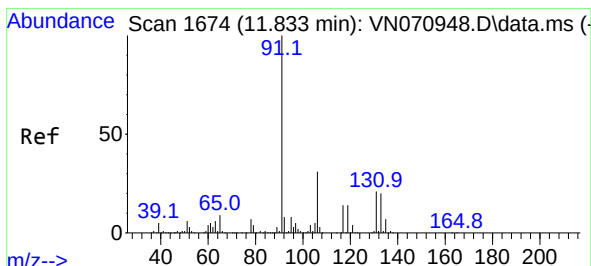
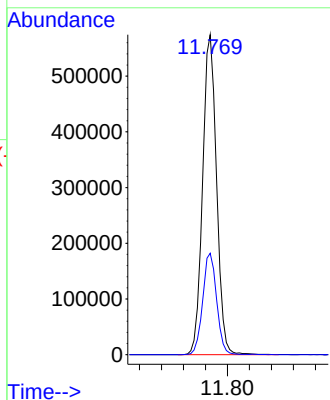
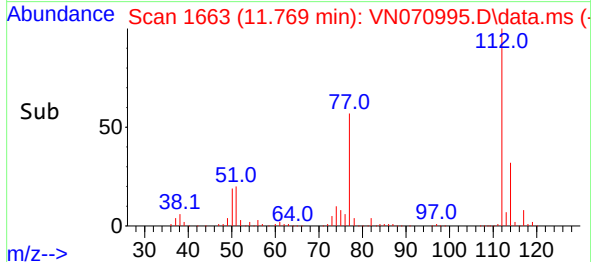
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



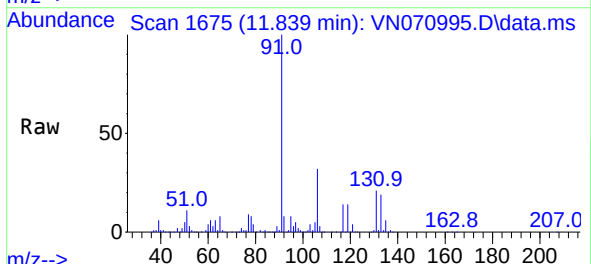
Tgt Ion:112 Resp: 100908
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.0

Manual Integrations
APPROVED

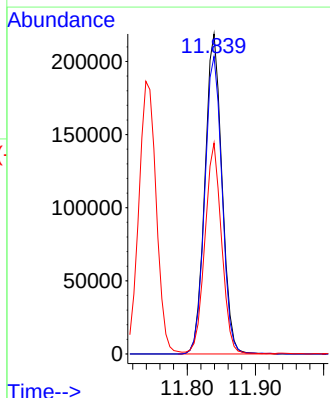
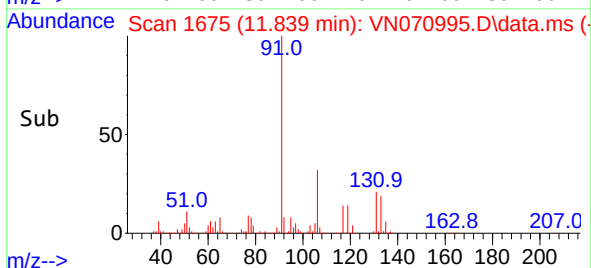
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

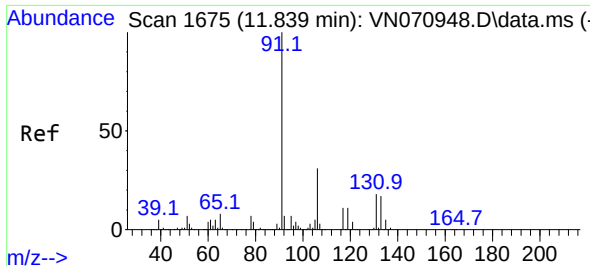


#66
1,1,1,2-Tetrachloroethane
Concen: 46.637 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07



Tgt Ion:131 Resp: 380681
Ion Ratio Lower Upper
131 100
133 94.3 47.9 143.7
119 64.2 32.1 96.5





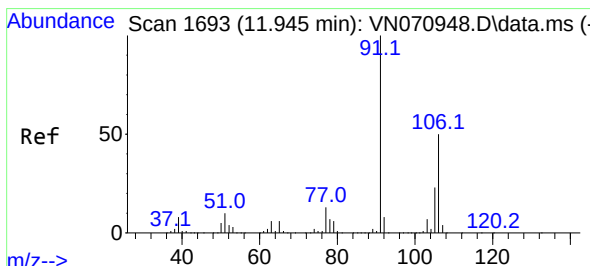
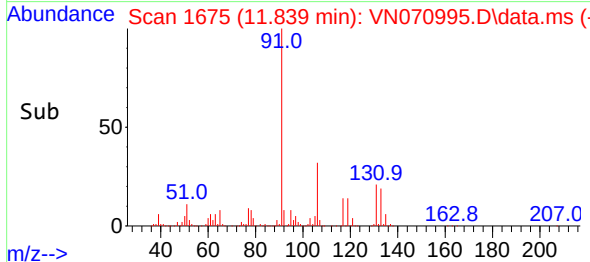
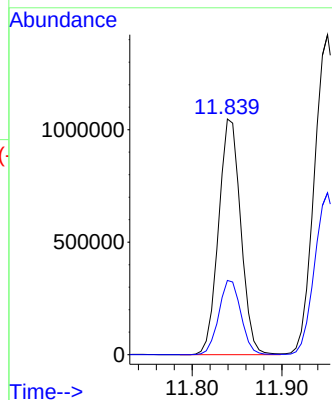
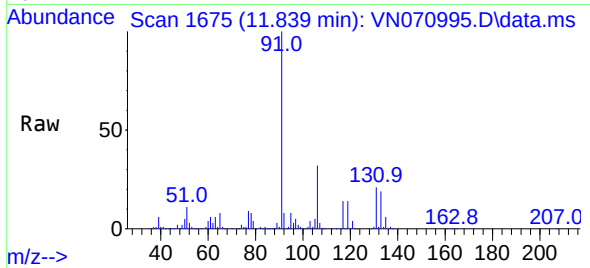
#67
Ethyl Benzene
Concen: 45.948 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1800810
Ion Ratio Lower Upper
91 100
106 31.5 25.7 38.5

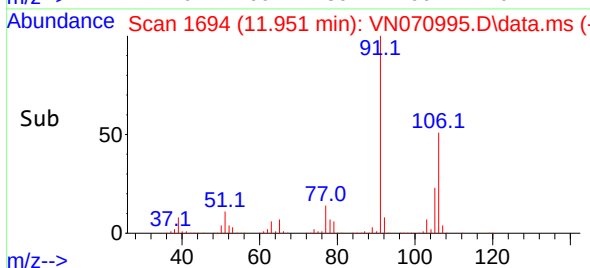
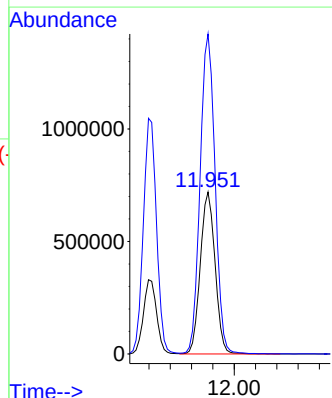
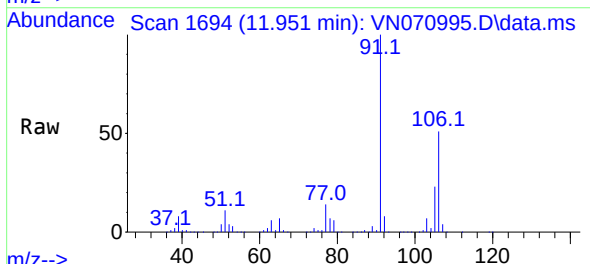
Manual Integrations
APPROVED

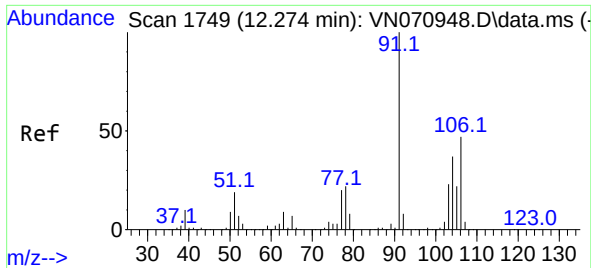
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#68
m/p-Xylenes
Concen: 91.482 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

Tgt Ion:106 Resp: 1384932
Ion Ratio Lower Upper
106 100
91 199.9 160.6 240.8





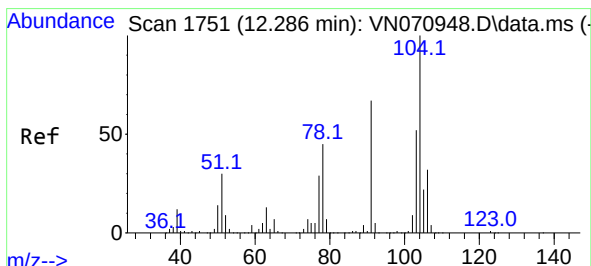
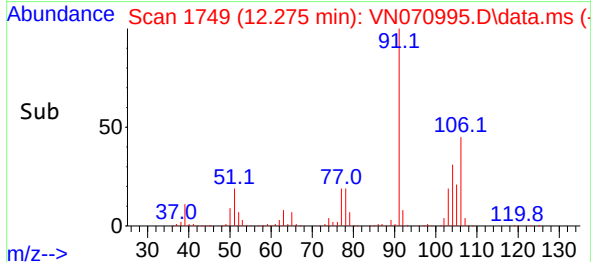
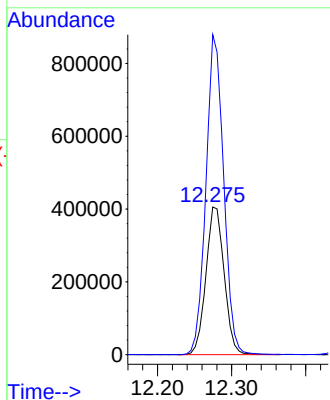
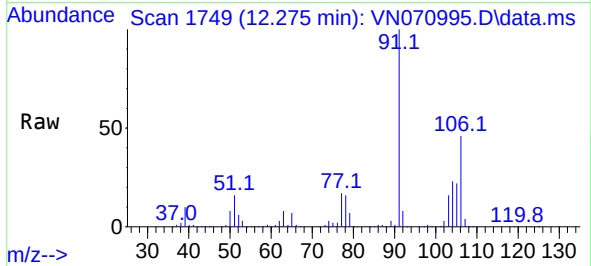
#69
o-Xylene
Concen: 46.899 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 693568
Ion Ratio Lower Upper
106 100
91 210.9 105.8 317.3

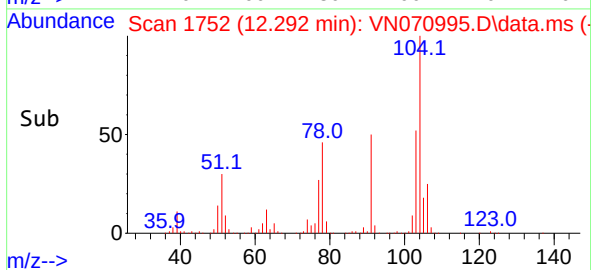
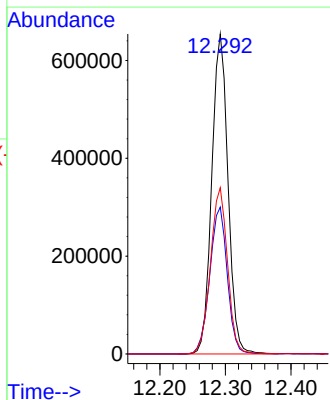
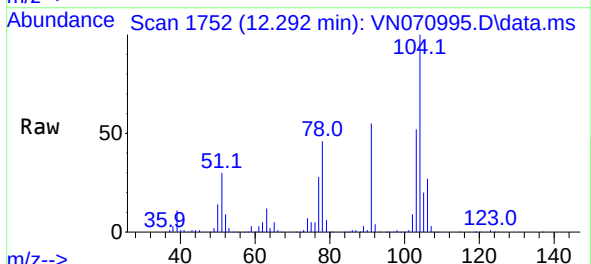
Manual Integrations
APPROVED

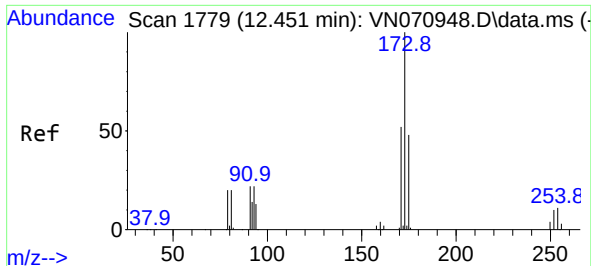
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#70
Styrene
Concen: 47.759 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

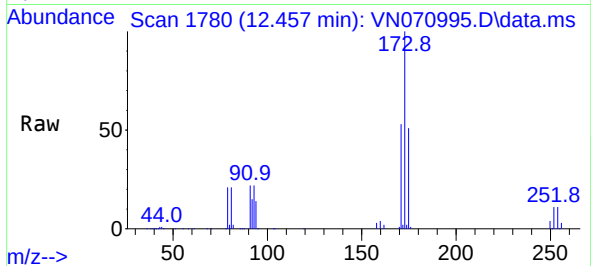
Tgt Ion:104 Resp: 1123055
Ion Ratio Lower Upper
104 100
78 49.5 38.7 58.1
103 54.8 45.0 67.6





#71
Bromoform
Concen: 48.599 ug/l
RT: 12.457 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

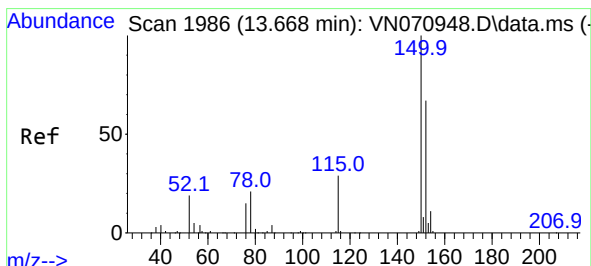
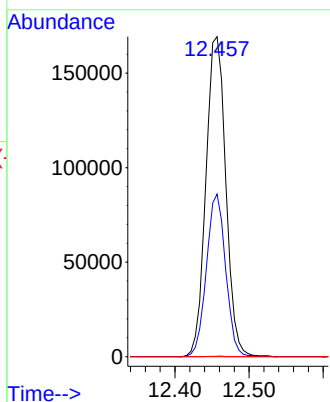
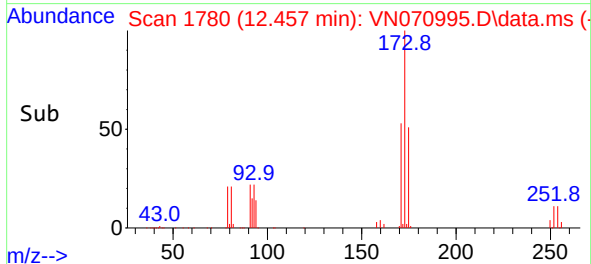
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



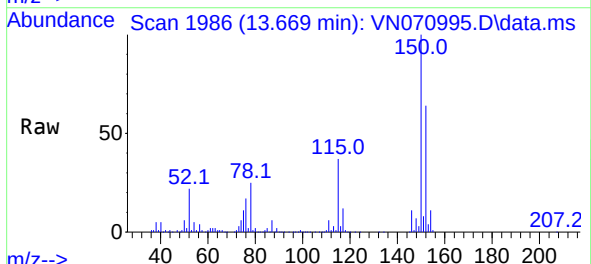
Tgt Ion:173 Resp: 315938
Ion Ratio Lower Upper
173 100
175 49.0 24.2 72.6
254 0.1 0.0 0.0

Manual Integrations
APPROVED

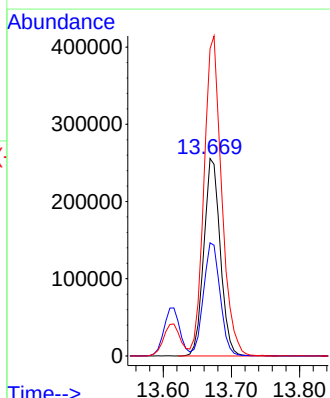
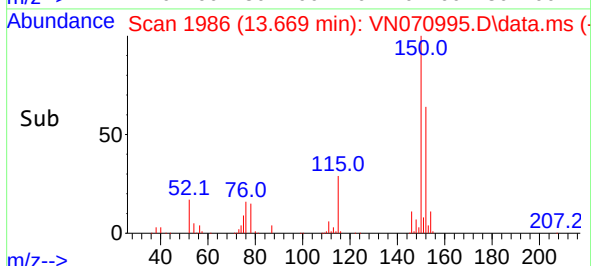
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

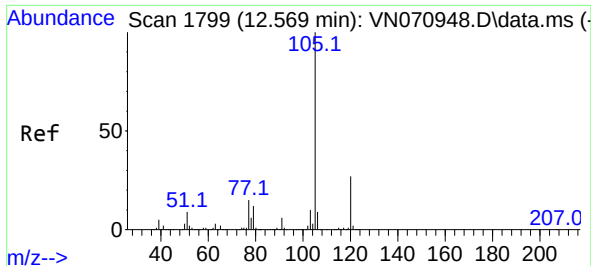


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07



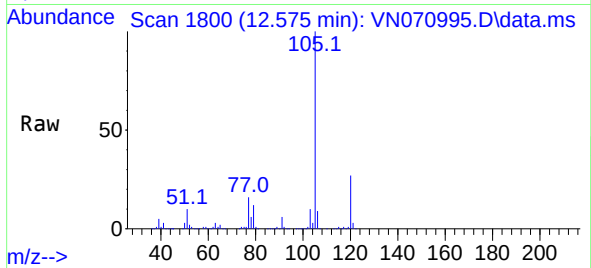
Tgt Ion:152 Resp: 429418
Ion Ratio Lower Upper
152 100
115 57.7 27.5 82.5
150 173.7 0.0 344.4





#73
Isopropylbenzene
Concen: 51.228 ug/l
RT: 12.575 min Scan# 1799
Delta R.T. 0.006 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

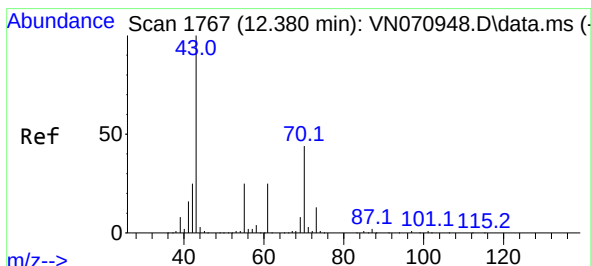
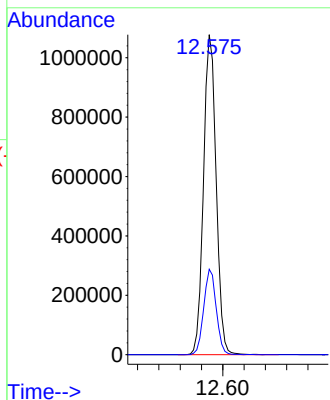
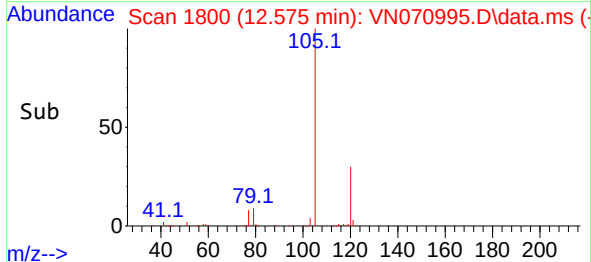
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 1770660
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.1

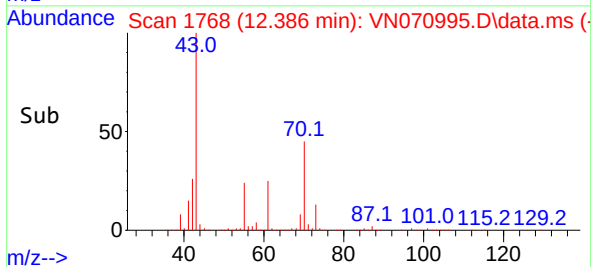
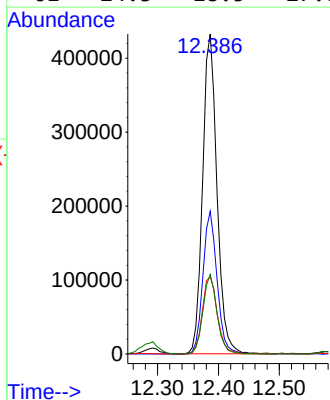
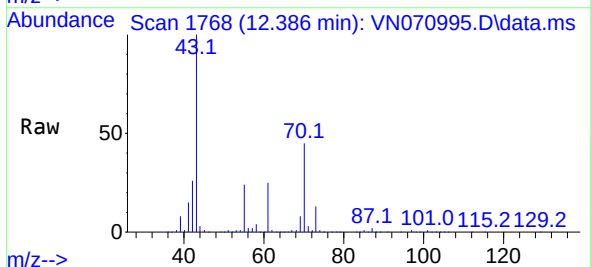
Manual Integrations
APPROVED

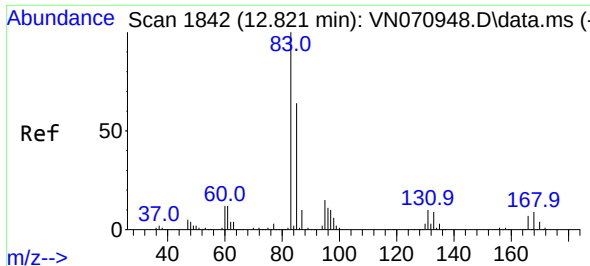
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#74
N-ethyl acetate
Concen: 64.155 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

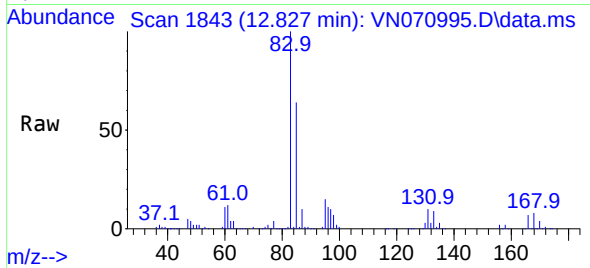
Tgt Ion: 43 Resp: 708824
Ion Ratio Lower Upper
43 100
70 44.0 33.4 50.0
55 25.4 19.3 28.9
61 24.3 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 56.041 ug/l
RT: 12.827 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

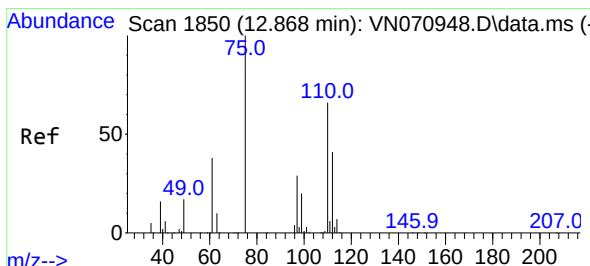
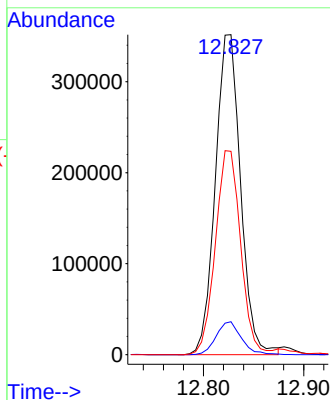
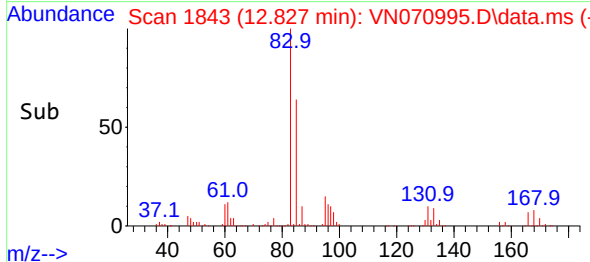
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



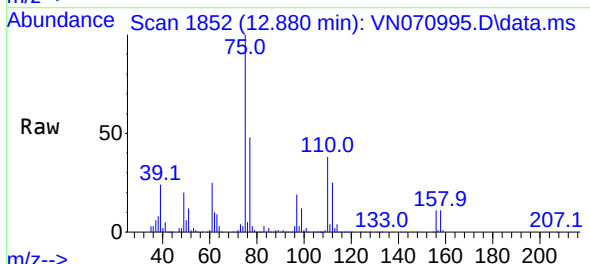
Tgt Ion: 83 Resp: 615538
Ion Ratio Lower Upper
83 100
131 10.3 5.5 16.5
85 63.5 32.4 97.2

Manual Integrations
APPROVED

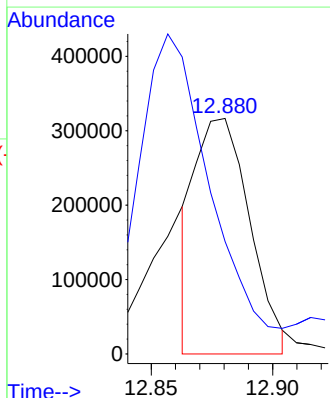
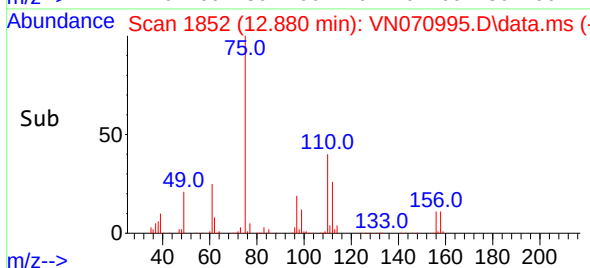
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

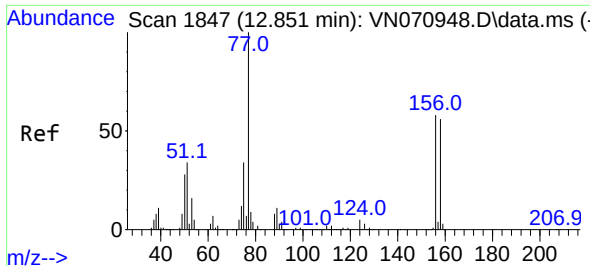


#76
1,2,3-Trichloropropane
Concen: 48.816 ug/l m
RT: 12.880 min Scan# 1852
Delta R.T. 0.012 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07



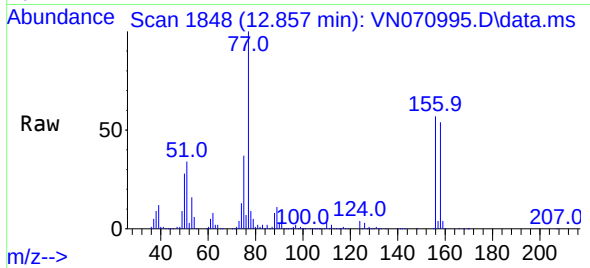
Tgt Ion: 75 Resp: 493562
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 50.400 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

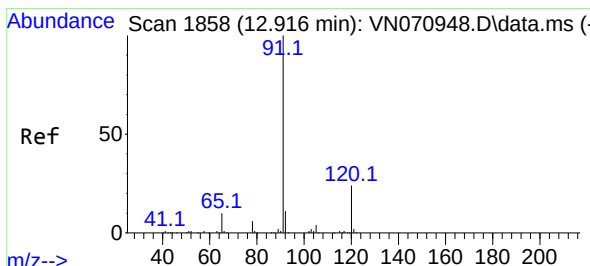
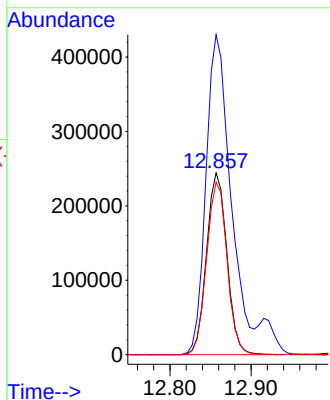
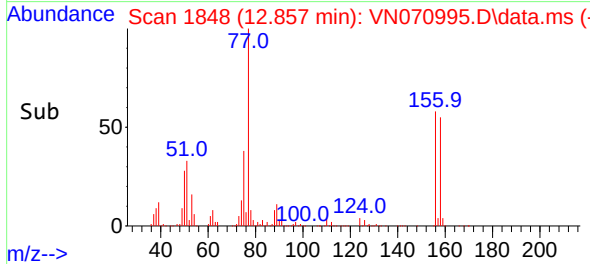
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 42645
Ion Ratio Lower Upper
156 100
77 211.8 90.6 271.8
158 95.3 48.9 146.7

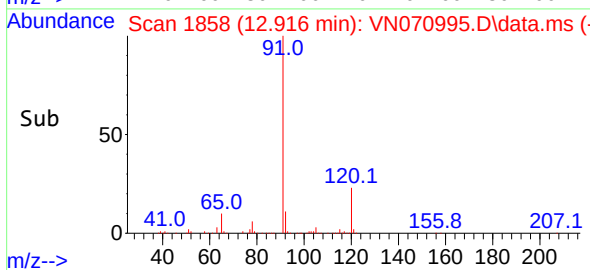
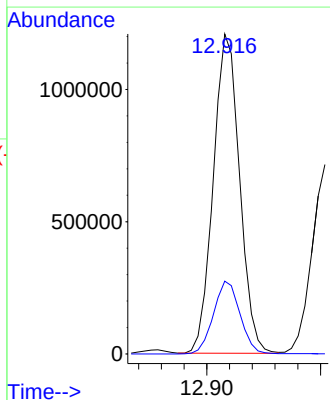
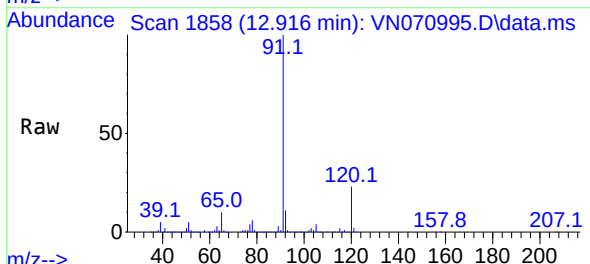
Manual Integrations
APPROVED

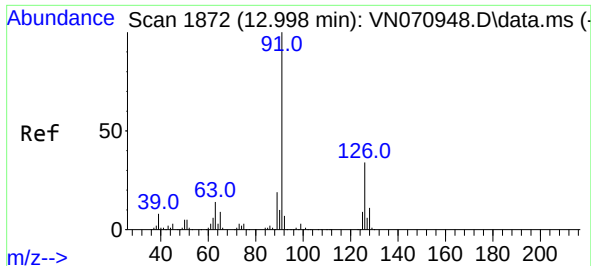
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#78
n-propylbenzene
Concen: 50.024 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

Tgt Ion: 91 Resp: 1942684
Ion Ratio Lower Upper
91 100
120 23.2 11.9 35.9





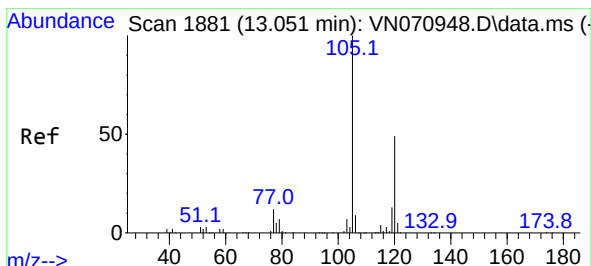
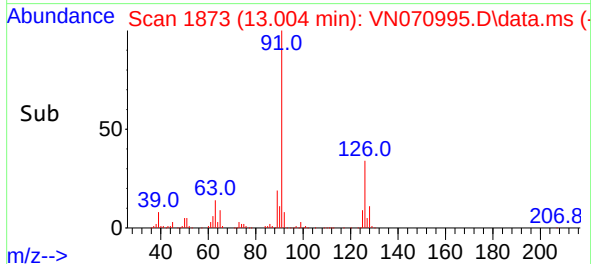
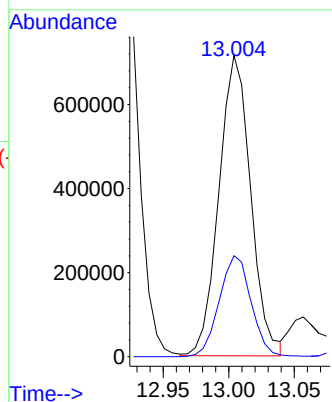
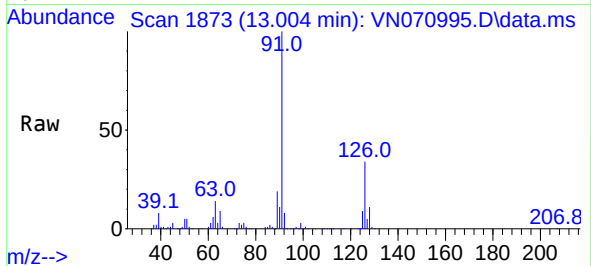
#79
2-Chlorotoluene
Concen: 51.062 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.006 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 120423
Ion Ratio Lower Upper
91 100
126 33.7 18.3 54.8

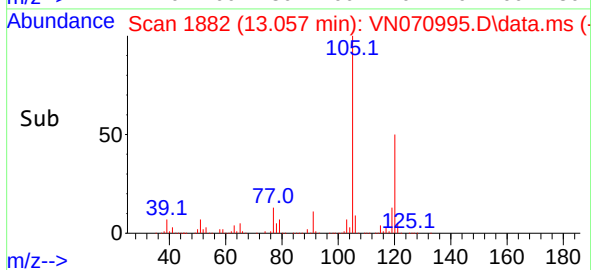
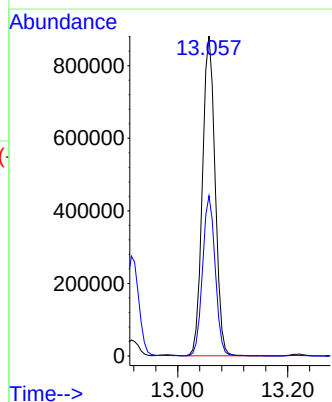
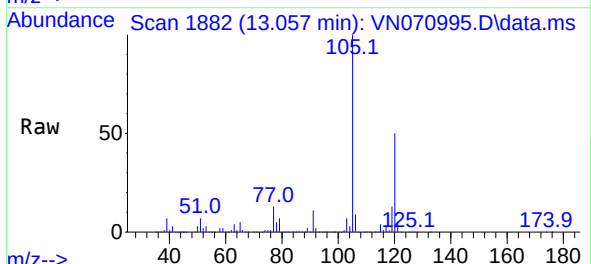
Manual Integrations
APPROVED

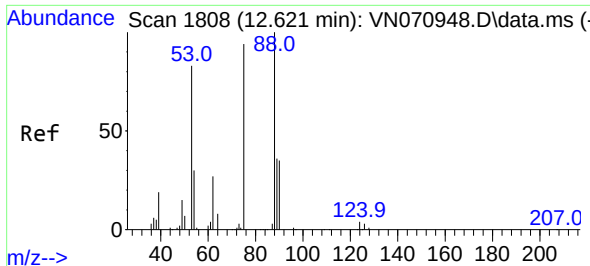
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#80
1,3,5-Trimethylbenzene
Concen: 50.508 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

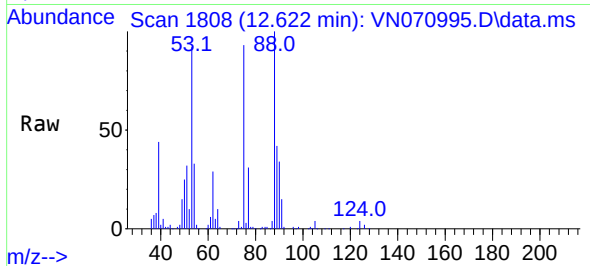
Tgt Ion:105 Resp: 1414340
Ion Ratio Lower Upper
105 100
120 49.8 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 55.392 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

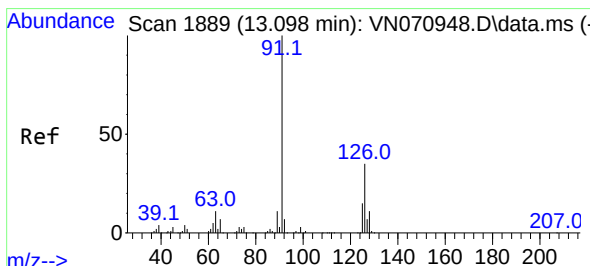
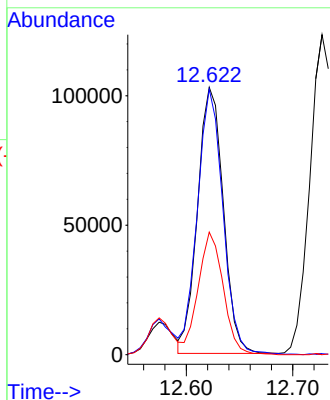
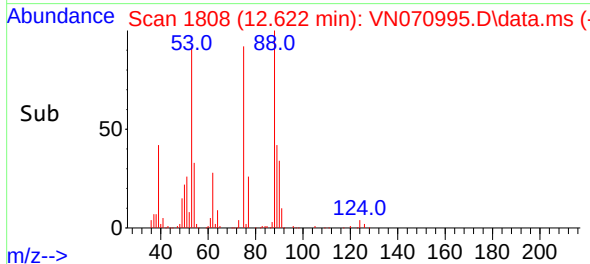
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



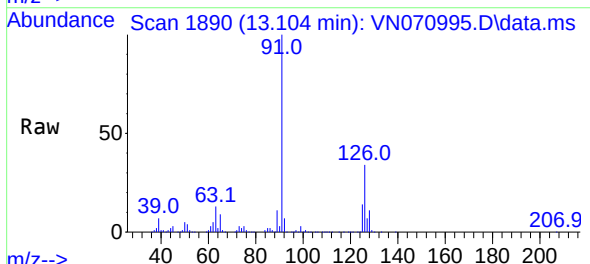
Tgt Ion: 75 Resp: 172830
Ion Ratio Lower Upper
75 100
53 99.6 90.5 135.7
89 44.3 38.2 57.4

Manual Integrations
APPROVED

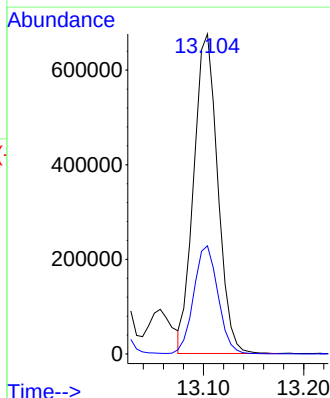
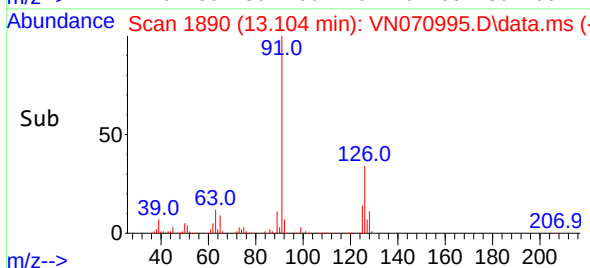
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

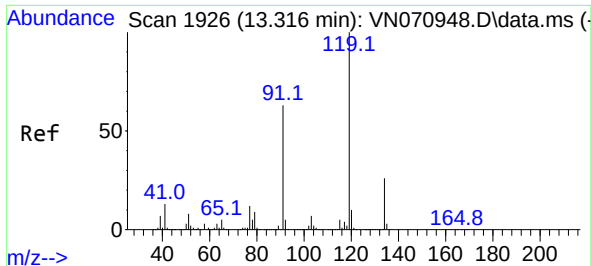


#82
4-Chlorotoluene
Concen: 48.949 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07



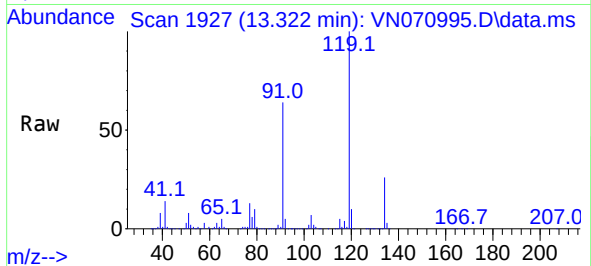
Tgt Ion: 91 Resp: 1120598
Ion Ratio Lower Upper
91 100
126 34.5 18.2 54.6





#83
tert-Butylbenzene
Concen: 48.120 ug/l
RT: 13.322 min Scan# 1926
Delta R.T. 0.006 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

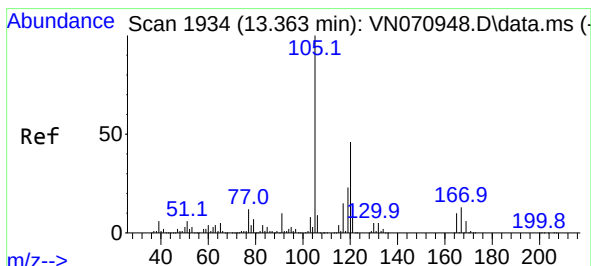
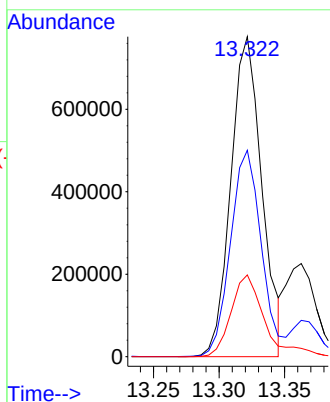
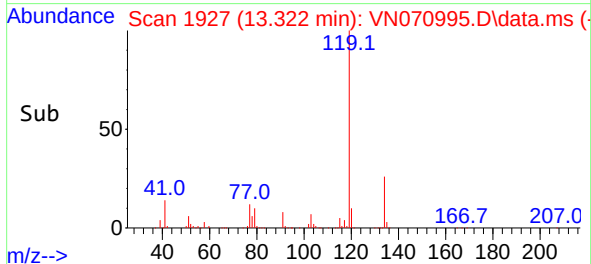
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



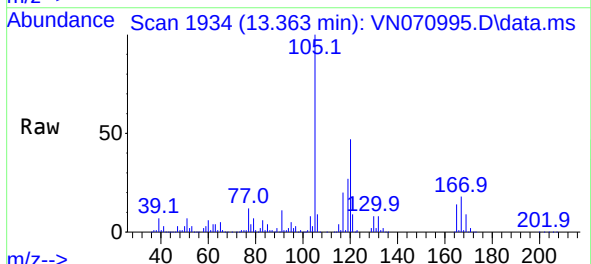
Tgt Ion:119 Resp: 1277929
Ion Ratio Lower Upper
119 100
91 64.6 31.5 94.5
134 27.6 12.4 37.4

Manual Integrations
APPROVED

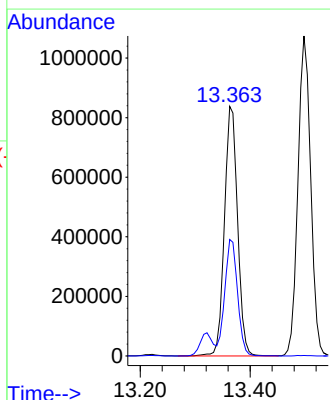
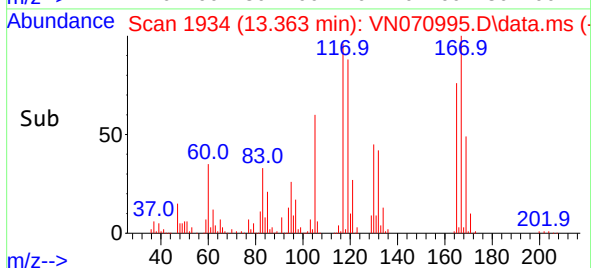
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

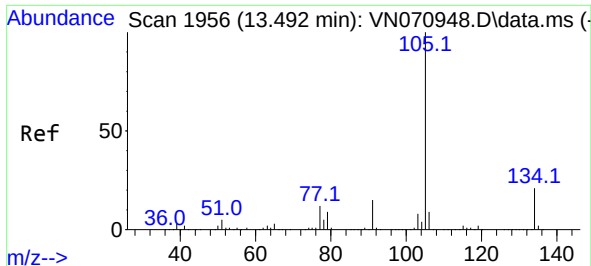


#84
1,2,4-Trimethylbenzene
Concen: 50.329 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07



Tgt Ion:105 Resp: 1387331
Ion Ratio Lower Upper
105 100
120 45.3 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 49.298 ug/l
 RT: 13.498 min Scan# 1956
 Delta R.T. 0.006 min
 Lab File: VN070995.D
 Acq: 17 Feb 2022 22:07

Instrument :

MSVOA_N

ClientSampleId :

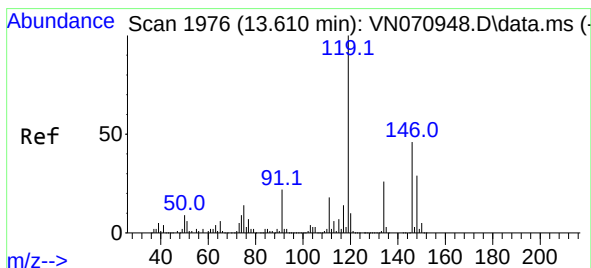
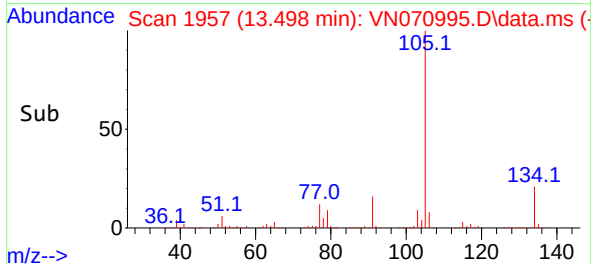
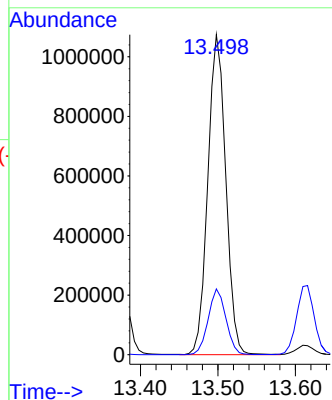
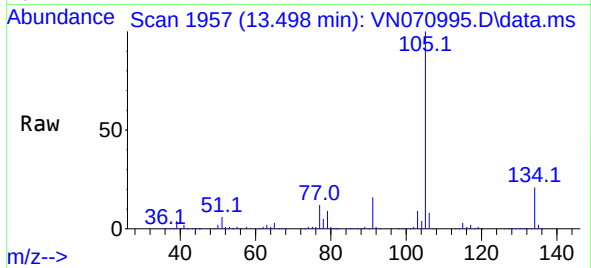
VSTDCCC050EC

Tgt Ion:105 Resp: 1725098
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.1

Manual Integrations

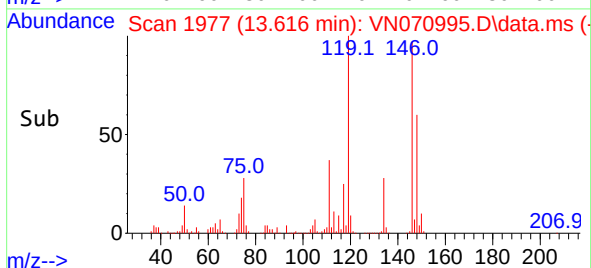
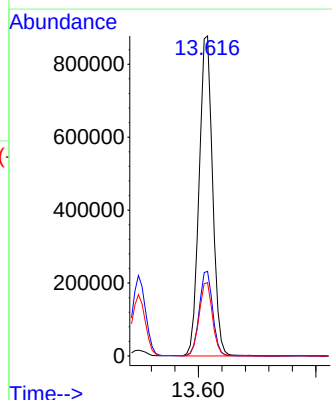
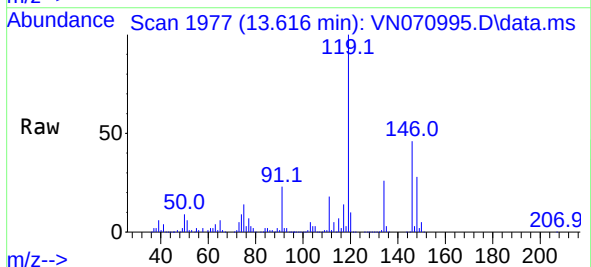
APPROVED

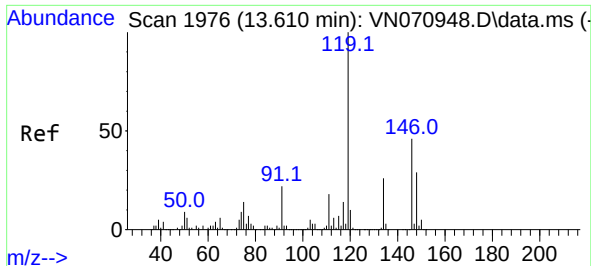
Reviewed By :John Carlone 02/18/2022
 Supervised By :Mahesh Dadoda 02/21/2022



#86
 p-Isopropyltoluene
 Concen: 48.621 ug/l
 RT: 13.616 min Scan# 1977
 Delta R.T. 0.006 min
 Lab File: VN070995.D
 Acq: 17 Feb 2022 22:07

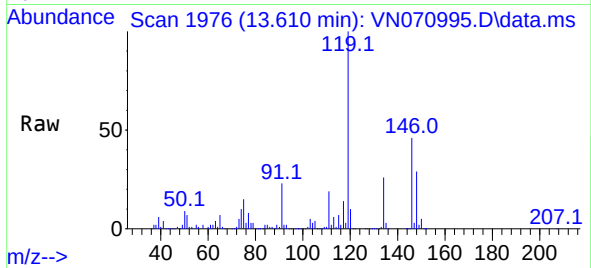
Tgt Ion:119 Resp: 1396718
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.6 40.7
 91 23.0 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 46.506 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

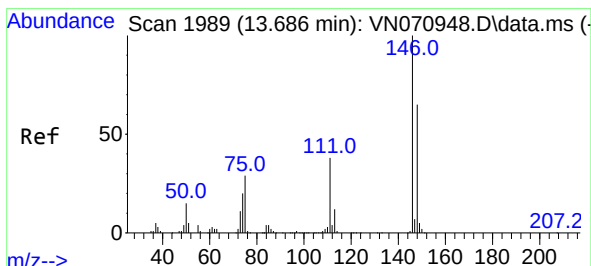
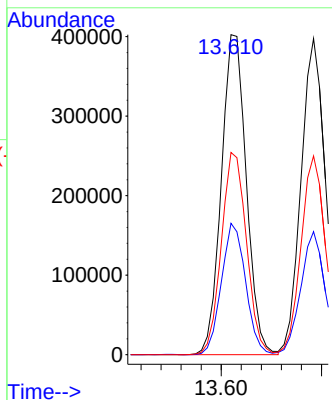
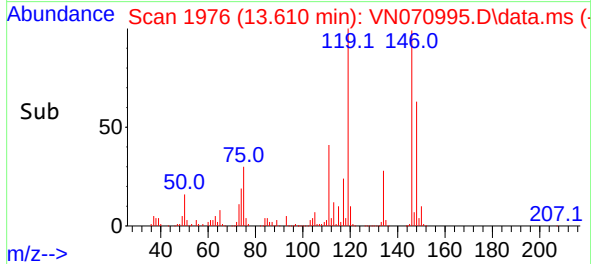
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



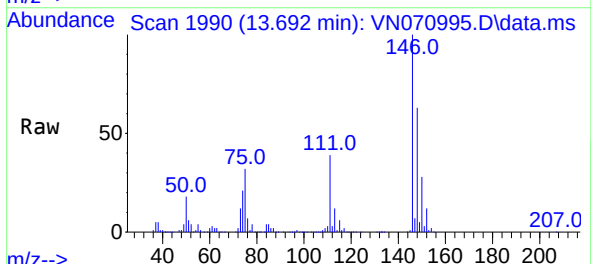
Tgt Ion:146 Resp: 69658
Ion Ratio Lower Upper
146 100
111 39.8 18.6 55.6
148 63.4 31.6 95.0

Manual Integrations
APPROVED

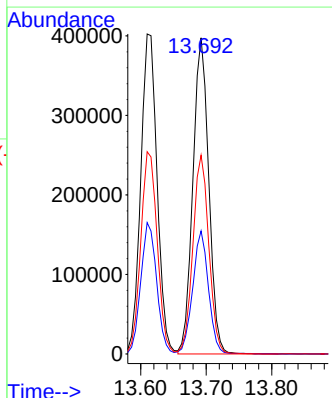
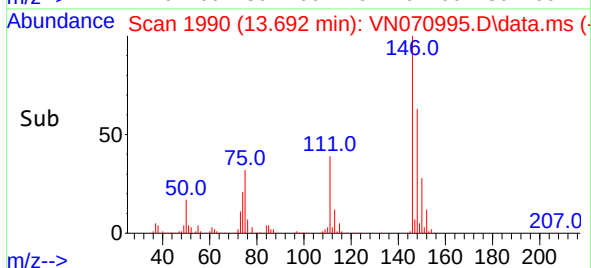
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022

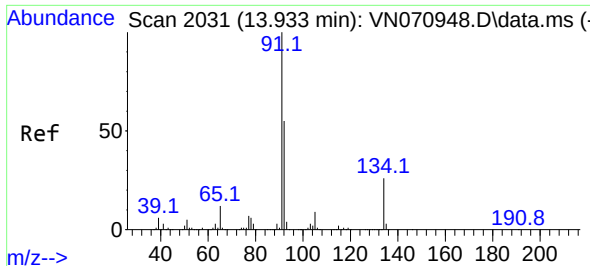


#88
1,4-Dichlorobenzene
Concen: 45.641 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.006 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07



Tgt Ion:146 Resp: 669798
Ion Ratio Lower Upper
146 100
111 38.3 18.3 54.8
148 63.4 31.8 95.4





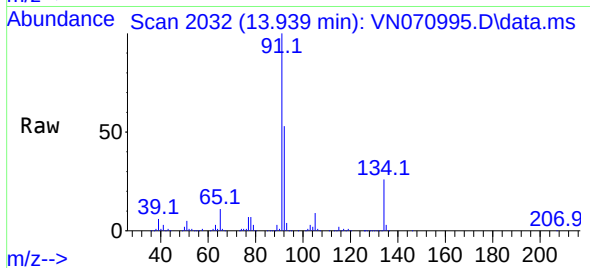
#89
n-Butylbenzene
Concen: 44.483 ug/l
RT: 13.939 min Scan# 2031
Delta R.T. 0.006 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

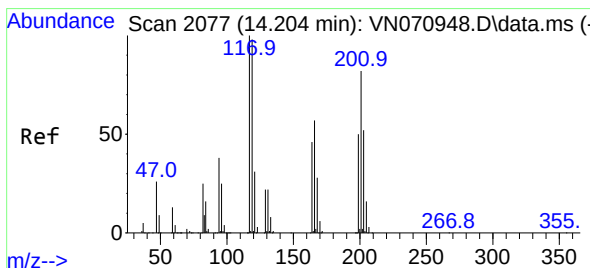
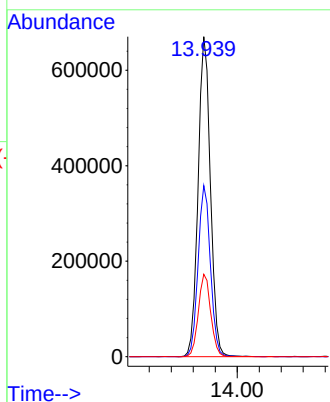
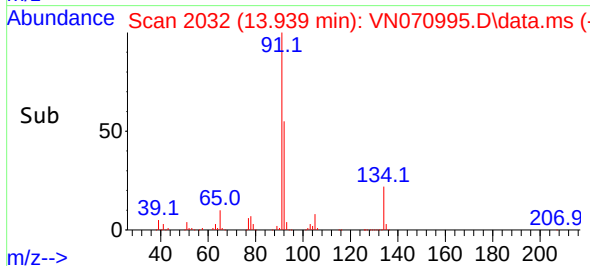


Tgt Ion: 91 Resp: 104256
Ion Ratio Lower Upper
91 100
92 53.6 25.4 76.0
134 25.9 13.6 40.8

Manual Integrations

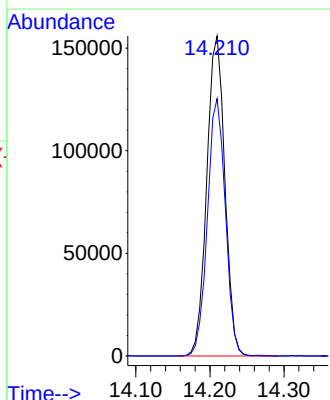
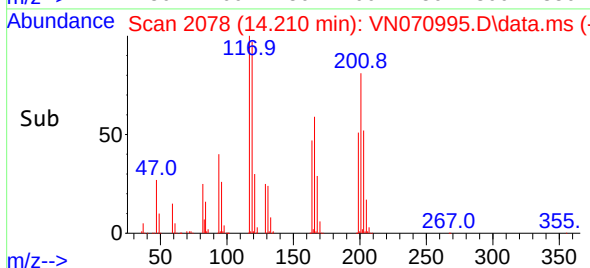
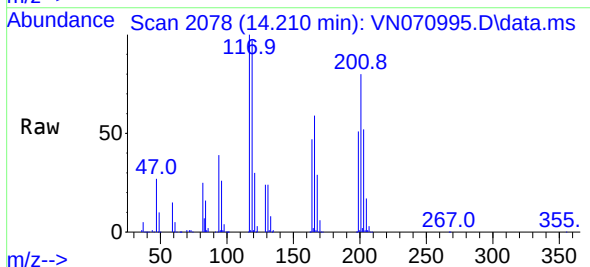
APPROVED

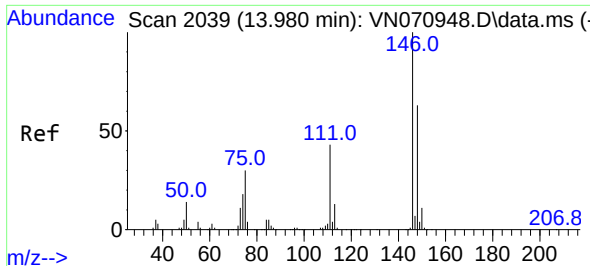
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#90
Hexachloroethane
Concen: 51.535 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. 0.006 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

Tgt Ion:117 Resp: 264387
Ion Ratio Lower Upper
117 100
201 79.6 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 47.903 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

Instrument :

MSVOA_N

ClientSampleId :

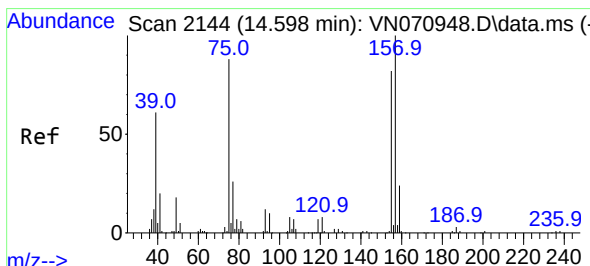
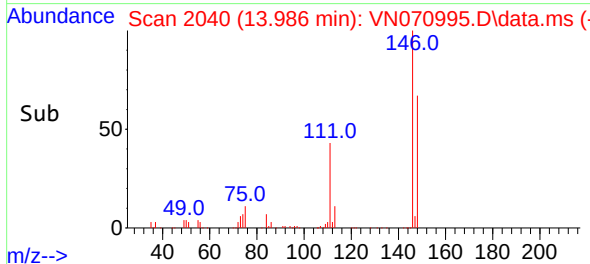
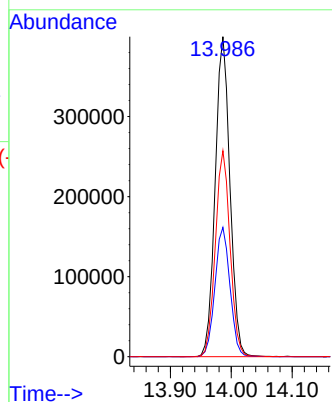
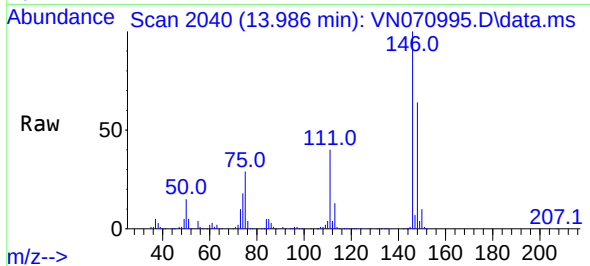
VSTDCCC050EC

Tgt Ion:146 Resp: 673768
Ion Ratio Lower Upper
146 100
111 41.1 19.1 57.3
148 64.2 32.1 96.3

Manual Integrations

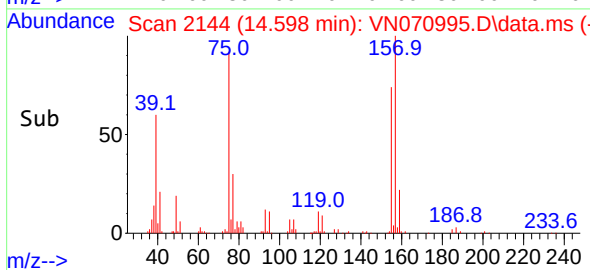
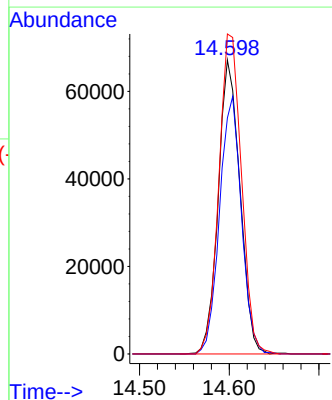
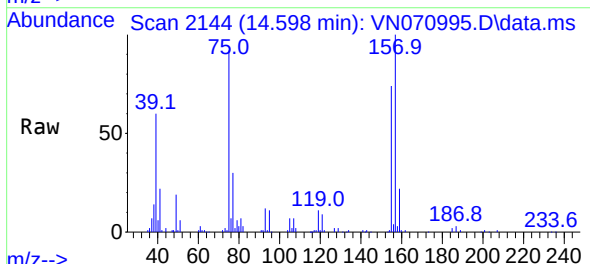
APPROVED

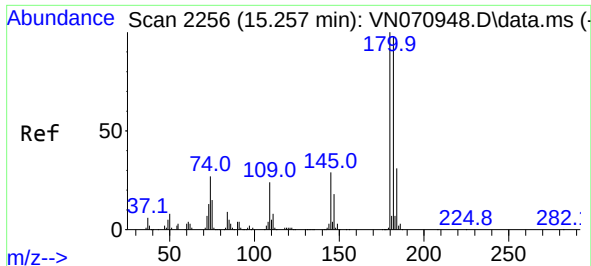
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 63.495 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

Tgt Ion: 75 Resp: 112995
Ion Ratio Lower Upper
75 100
155 87.9 46.9 140.7
157 112.9 60.6 181.7





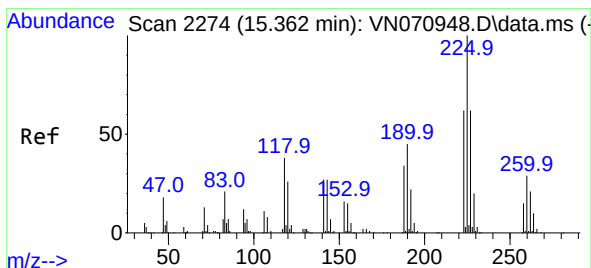
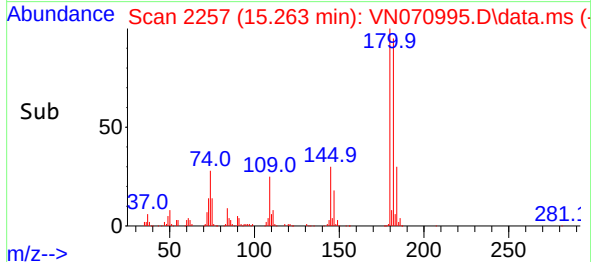
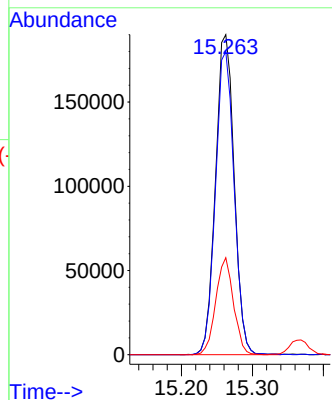
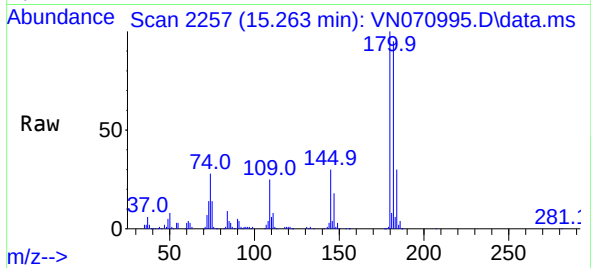
#93
1,2,4-Trichlorobenzene
Concen: 43.968 ug/l
RT: 15.263 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 34561
Ion Ratio Lower Upper
180 100
182 95.0 48.3 144.9
145 28.8 14.5 43.5

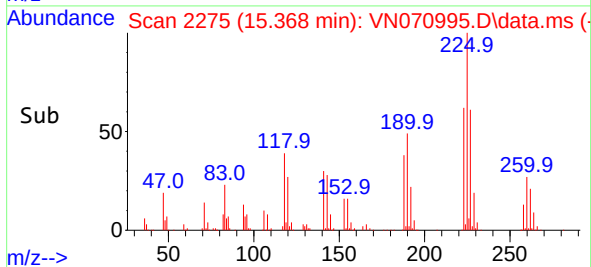
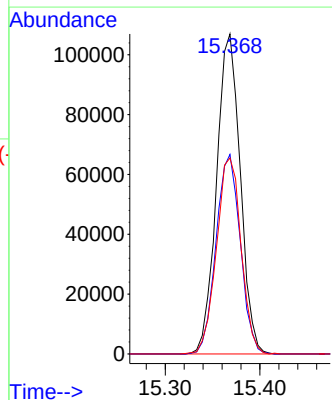
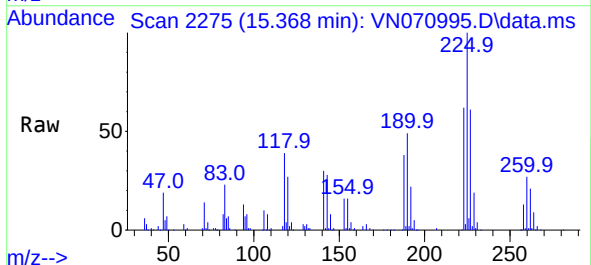
Manual Integrations
APPROVED

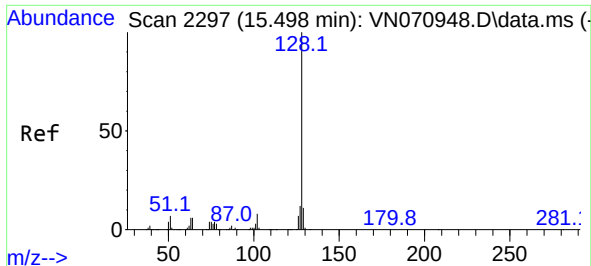
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#94
Hexachlorobutadiene
Concen: 36.293 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.006 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

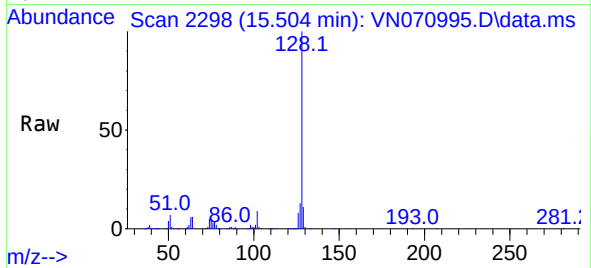
Tgt Ion:225 Resp: 186151
Ion Ratio Lower Upper
225 100
223 63.6 31.9 95.7
227 63.7 32.1 96.3





#95
Naphthalene
Concen: 55.632 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07

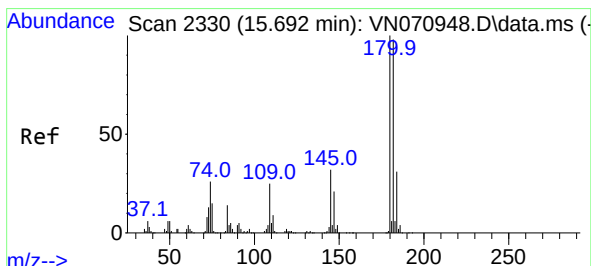
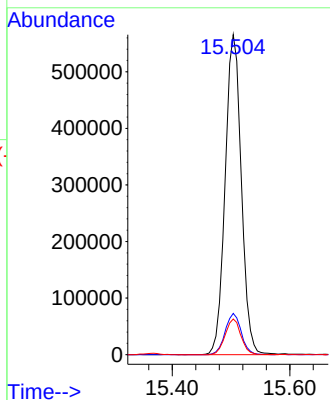
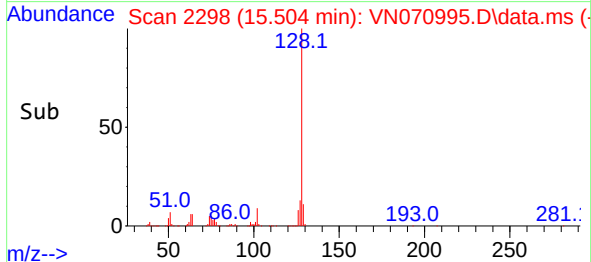
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



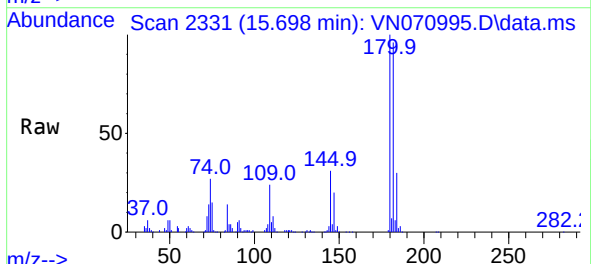
Tgt Ion:128 Resp: 1080019
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#96
1,2,3-Trichlorobenzene
Concen: 48.221 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN070995.D
Acq: 17 Feb 2022 22:07



Tgt Ion:180 Resp: 350758
Ion Ratio Lower Upper
180 100
182 95.6 47.4 142.2
145 31.8 15.0 45.1

