

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031622\
 Data File : VN071314.D
 Acq On : 16 Mar 2022 12:29
 Operator : JC\MD
 Sample : VN0316MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0316MBS01

Quant Time: Mar 16 15:59:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.133	168	84	50.000	ug/l	# 0.05
34) 1,4-Difluorobenzene	0.000	114	0	0.000	ug/l	-8.96
63) Chlorobenzene-d5	11.686	117	815320	50.000	ug/l	-0.05
72) 1,4-Dichlorobenzene-d4	13.656	152	330659	50.000	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.357	65	376	326.601	ug/l	-0.08
Spiked Amount	50.000	Range	61 - 141	Recovery	=	653.200%#
35) Dibromofluoromethane	7.851	113	3450	0.000	ug/l	-0.17
Spiked Amount	50.000	Range	69 - 133	Recovery	=	0.000%#
50) Toluene-d8	10.315	98	1191457	0.000	ug/l	-0.12
Spiked Amount	50.000	Range	65 - 126	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	12.698	95	402681	0.000	ug/l	-0.03
Spiked Amount	50.000	Range	58 - 135	Recovery	=	0.000%#

Target Compounds			Qvalue			
3) Chloromethane	2.381	50	1692	1369.911	ug/l #	43
6) Chloroethane	3.192	64	1195	1749.003	ug/l #	1
7) Trichlorofluoromethane	3.222	101	106610	71792.379	ug/l	95
8) Diethyl Ether	3.857	74	49047	77183.845	ug/l #	11
11) Tert butyl alcohol	5.639	59	1158	5120.285	ug/l #	71
13) Acrolein	3.863	56	339	1416.172	ug/l #	37
14) Allyl chloride	4.681	41	101305	55309.267	ug/l #	62
15) Acrylonitrile	5.516	53	67	99.771	ug/l #	17
16) Acetone	4.392	43	22277	39768.830	ug/l #	65
18) Methyl Acetate	4.663	43	85975	56612.141	ug/l	98
19) Methyl tert-butyl Ether	5.363	73	58	18.344	ug/l #	55
21) trans-1,2-Dichloroethene	5.616	96	57	61.881	ug/l #	1
22) Diisopropyl ether	6.498	45	5522	1530.297	ug/l #	42
25) 2-Butanone	7.210	43	88154	97693.201	ug/l #	1
27) cis-1,2-Dichloroethene	7.474	96	373	341.187	ug/l #	1
28) Bromochloromethane	7.704	49	2580	3038.475	ug/l #	22
29) Tetrahydrofuran	7.704	42	51197	81897.985	ug/l #	33
30) Chloroform	7.845	83	14557	8004.504	ug/l	91
31) Cyclohexane	8.104	56	941	511.844	ug/l #	1
32) 1,1,1-Trichloroethane	8.221	97	1027	662.963	ug/l #	1
64) Tetrachloroethene	10.880	164	107735	18.946	ug/l	99
65) Chlorobenzene	11.710	112	339959	19.416	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.786	131	129617	20.189	ug/l	98
67) Ethyl Benzene	11.792	91	605915	19.572	ug/l	98
68) m/p-Xylenes	11.904	106	457977	40.437	ug/l	99
69) o-Xylene	12.239	106	226980	19.993	ug/l	99
70) Styrene	12.257	104	354975	20.200	ug/l	97
71) Bromoform	12.421	173	101964	20.913	ug/l #	100
73) Isopropylbenzene	12.545	105	586417	18.397	ug/l	99
74) N-amyl acetate	12.357	43	228603	19.074	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.804	83	215101	21.235	ug/l	99
76) 1,2,3-Trichloropropane	12.851	75	264670	32.010	ug/l #	1
77) Bromobenzene	12.827	156	134289	18.067	ug/l	77
78) n-propylbenzene	12.892	91	629263	18.397	ug/l	98
79) 2-Chlorotoluene	12.980	91	398820	18.164	ug/l	94
80) 1,3,5-Trimethylbenzene	13.039	105	464771	18.742	ug/l	99

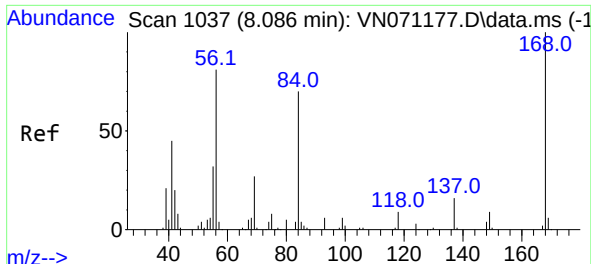
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Quant Time: Mar 16 15:59:30 2022
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 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-b...	12.598	75	61466	20.095	ug/l	93
82) 4-Chlorotoluene	13.080	91	374243	19.136	ug/l	94
83) tert-Butylbenzene	13.304	119	409934	18.523	ug/l	96
84) 1,2,4-Trimethylbenzene	13.351	105	463075	19.495	ug/l	99
85) sec-Butylbenzene	13.486	105	579758	19.709	ug/l	99
86) p-Isopropyltoluene	13.598	119	465789	20.135	ug/l	98
87) 1,3-Dichlorobenzene	13.598	146	233341	19.321	ug/l	98
88) 1,4-Dichlorobenzene	13.680	146	222764	18.870	ug/l	98
89) n-Butylbenzene	13.933	91	333590	18.437	ug/l	95
90) Hexachloroethane	14.198	117	89226	19.395	ug/l	88
91) 1,2-Dichlorobenzene	13.974	146	231055	19.900	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.592	75	37389	20.160	ug/l	89
93) 1,2,4-Trichlorobenzene	15.256	180	91564	18.876	ug/l	97
94) Hexachlorobutadiene	15.362	225	61476	18.860	ug/l	97
95) Naphthalene	15.497	128	238346	19.198	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	91703	19.432	ug/l	97

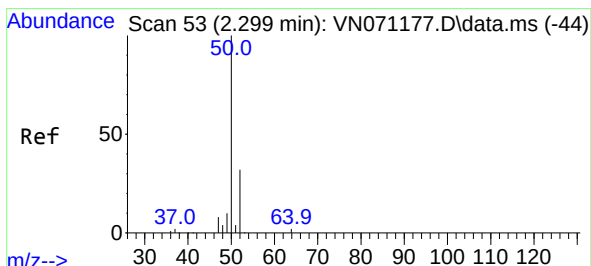
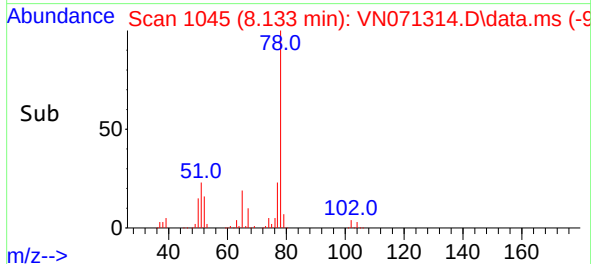
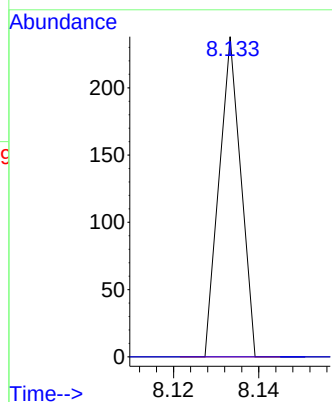
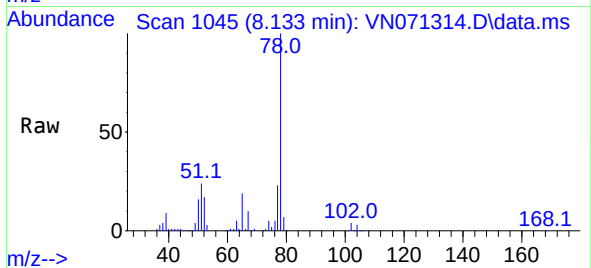
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.133 min Scan# 10
Delta R.T. 0.047 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

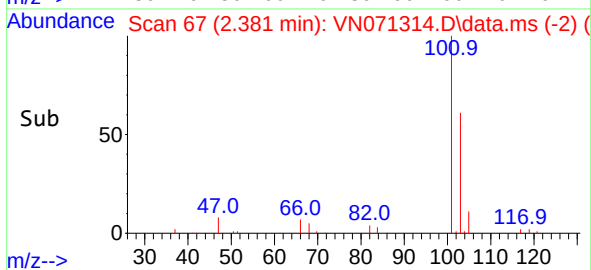
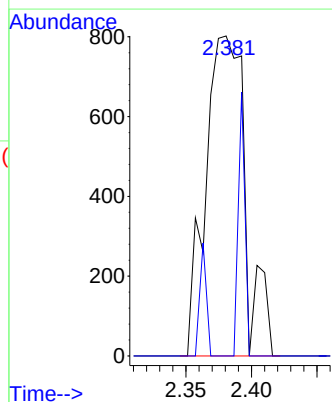
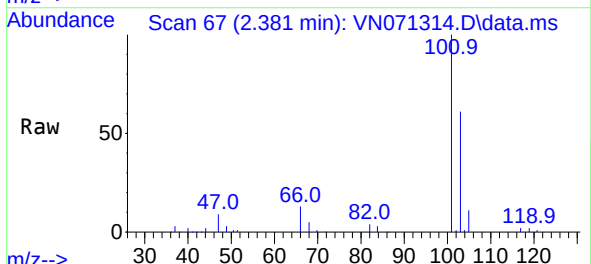
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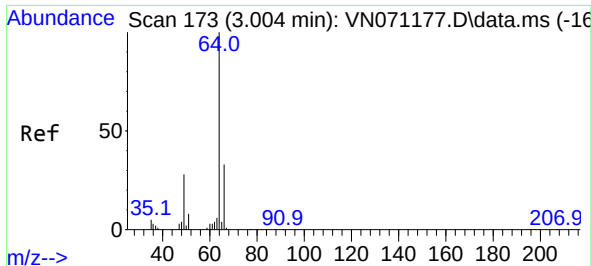
Tgt Ion:168 Resp: 84
Ion Ratio Lower Upper
168 100
99 0.0 41.3 61.9#



#3
Chloromethane
Concen: 1369.911 ug/l
RT: 2.381 min Scan# 67
Delta R.T. 0.082 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

Tgt Ion: 50 Resp: 1692
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.0#

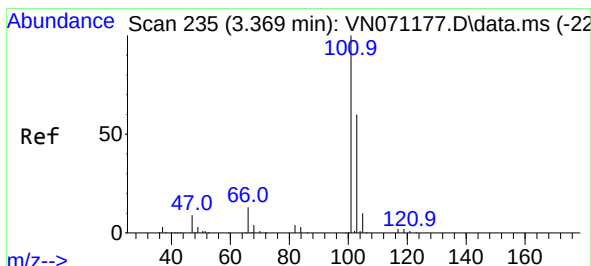
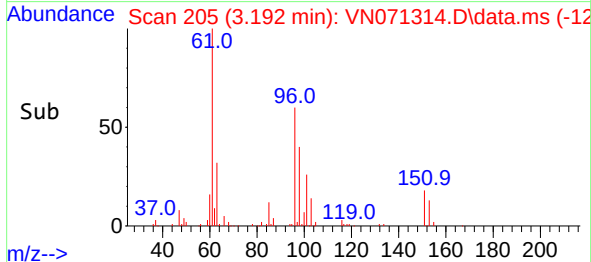
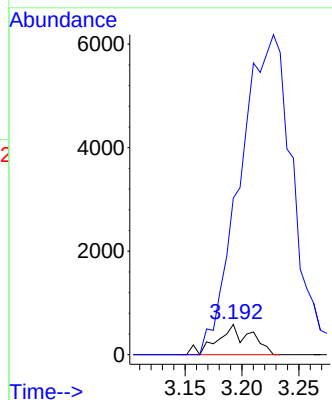
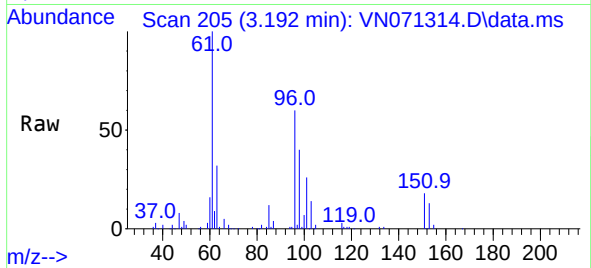




#6
Chloroethane
Concen: 1749.003 ug/l
RT: 3.192 min Scan# 20
Delta R.T. 0.188 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

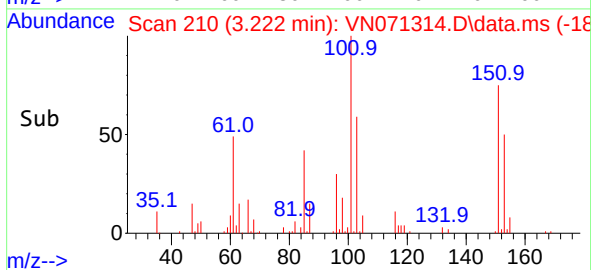
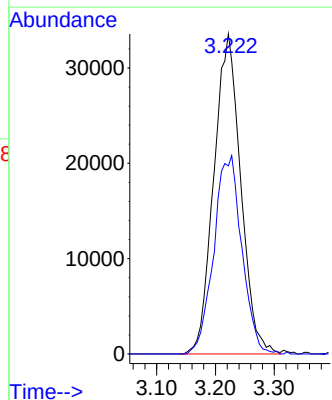
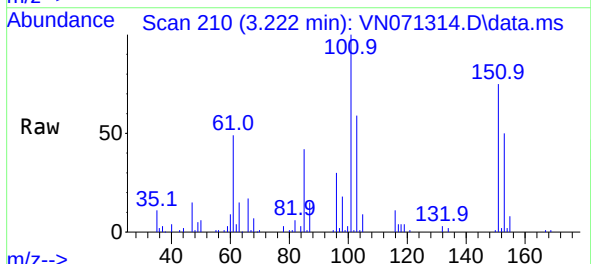
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ClientSampleId :
VN0316MBS01

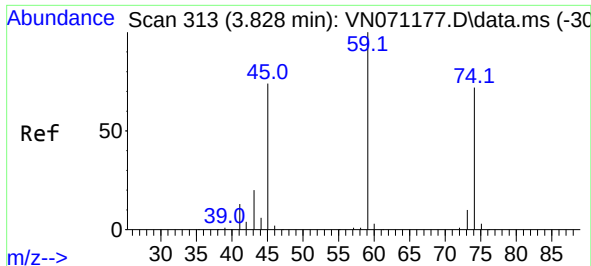
Tgt Ion: 64 Resp: 1195
Ion Ratio Lower Upper
64 100
66 517.3 26.3 39.5#



#7
Trichlorofluoromethane
Concen: 71792.379 ug/l
RT: 3.222 min Scan# 210
Delta R.T. -0.147 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

Tgt Ion:101 Resp: 106610
Ion Ratio Lower Upper
101 100
103 58.7 50.1 75.1

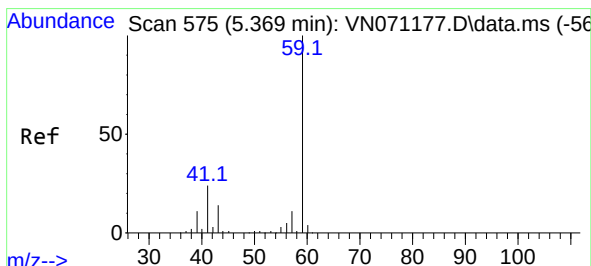
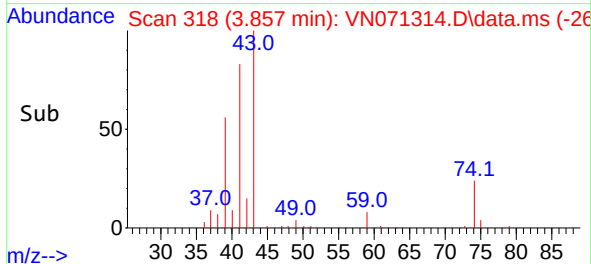
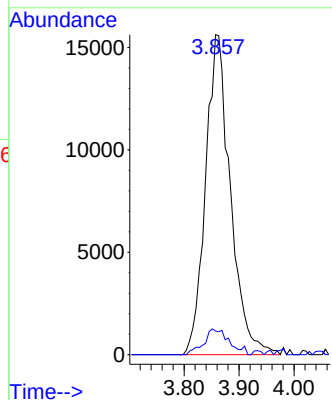
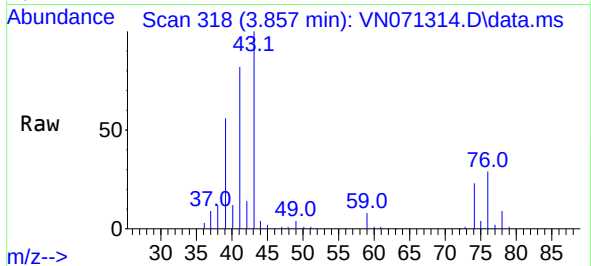




#8
Diethyl Ether
Concen: 77183.845 ug/l
RT: 3.857 min Scan# 313
Delta R.T. 0.029 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

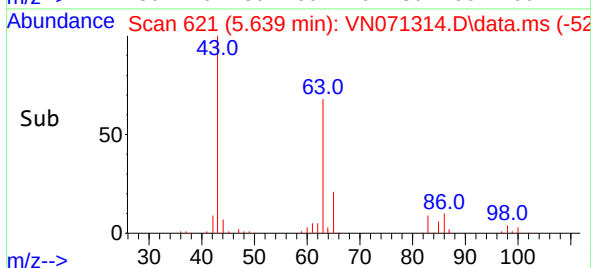
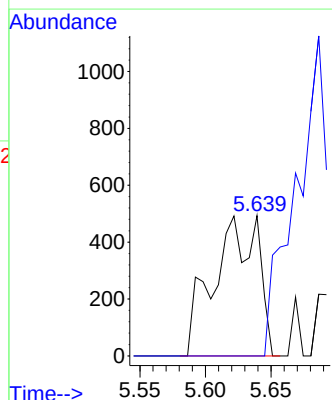
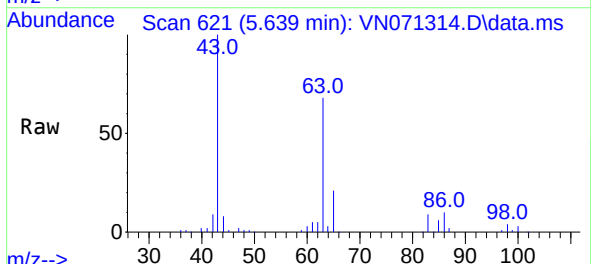
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ClientSampleId :
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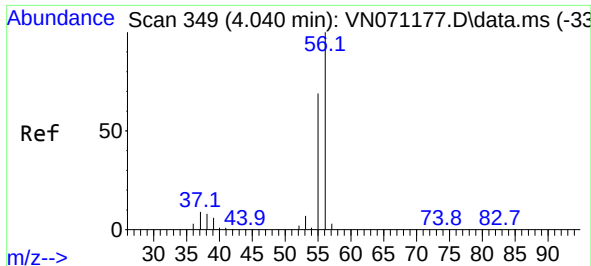
Tgt Ion: 74 Resp: 49047
Ion Ratio Lower Upper
74 100
45 8.1 47.0 141.2#



#11
Tert butyl alcohol
Concen: 5120.285 ug/l
RT: 5.639 min Scan# 621
Delta R.T. 0.270 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

Tgt Ion: 59 Resp: 1158
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

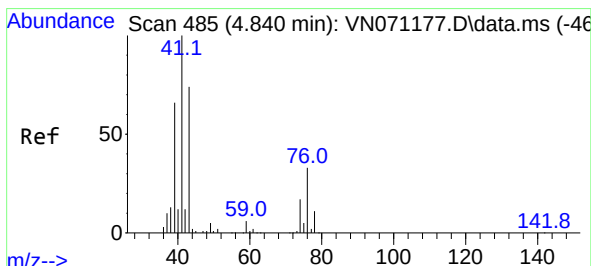
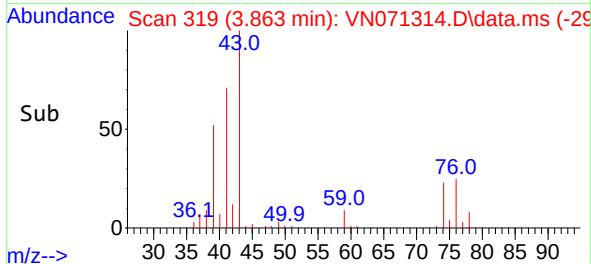
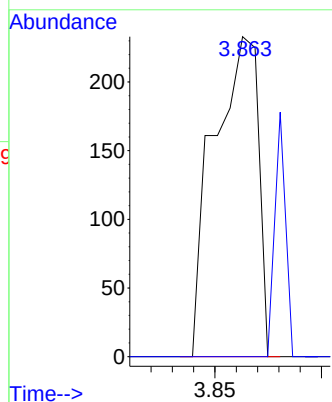
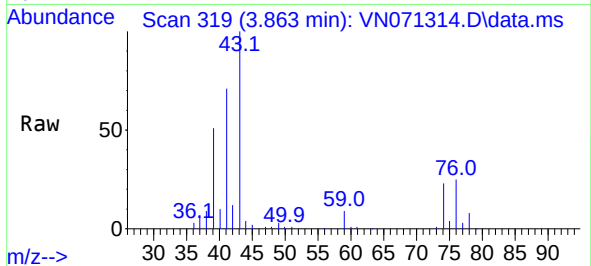




#13
Acrolein
Concen: 1416.172 ug/l
RT: 3.863 min Scan# 31
Delta R.T. -0.177 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

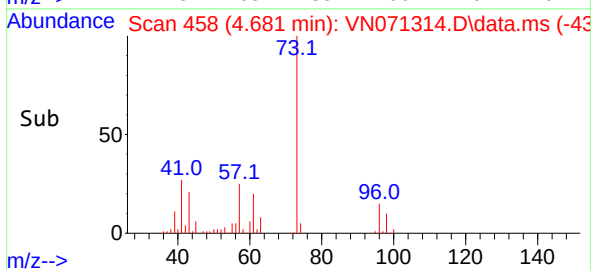
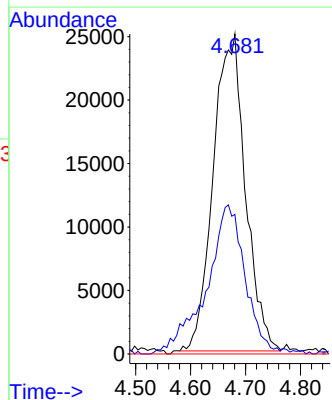
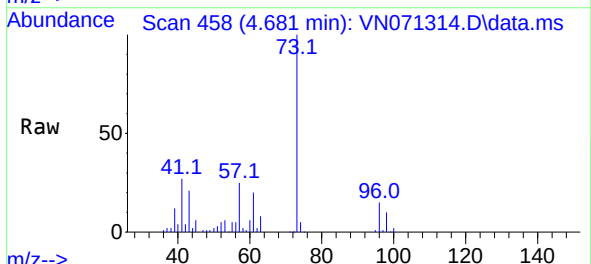
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ClientSampleId :
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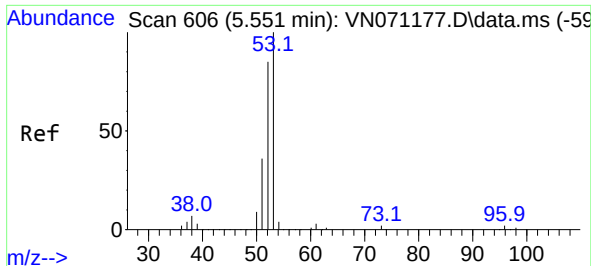
Tgt Ion: 56 Resp: 339
Ion Ratio Lower Upper
56 100
55 18.6 56.6 85.0#



#14
Allyl chloride
Concen: 55309.267 ug/l
RT: 4.681 min Scan# 458
Delta R.T. -0.159 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

Tgt Ion: 41 Resp: 101305
Ion Ratio Lower Upper
41 100
39 51.0 61.2 91.8#
76 0.0 26.0 39.0#

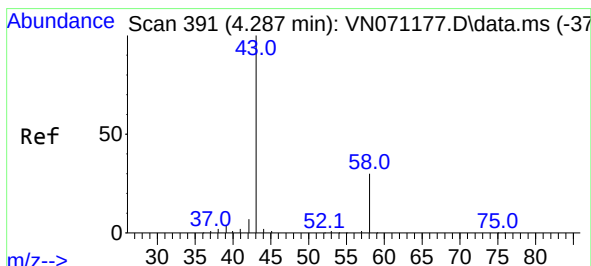
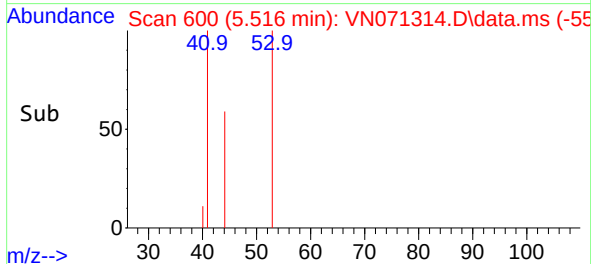
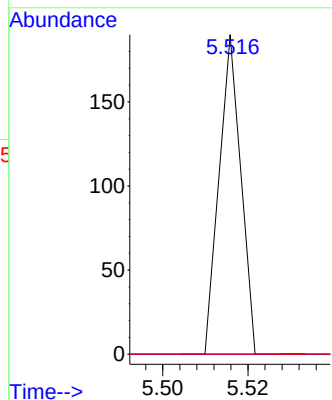
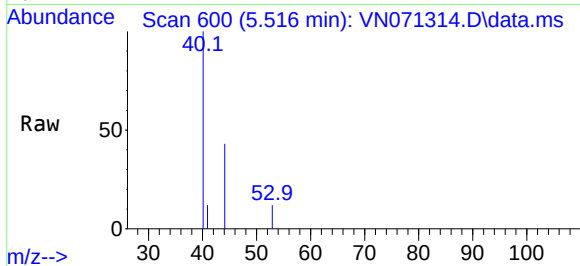




#15
Acrylonitrile
Concen: 99.771 ug/l
RT: 5.516 min Scan# 606
Delta R.T. -0.036 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

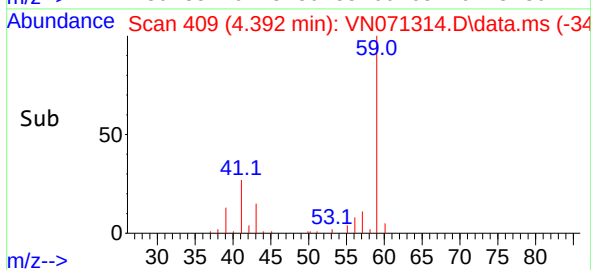
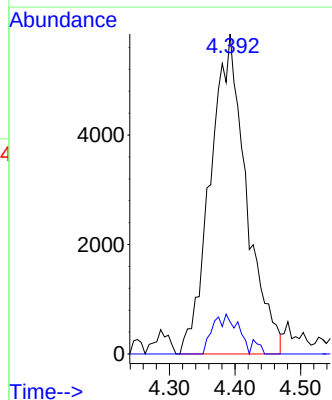
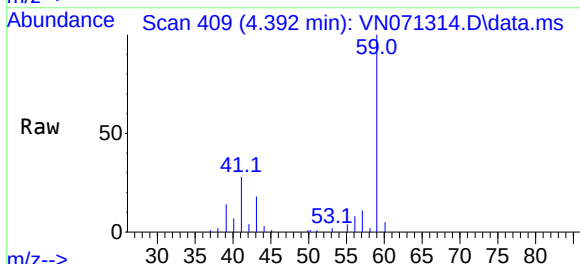
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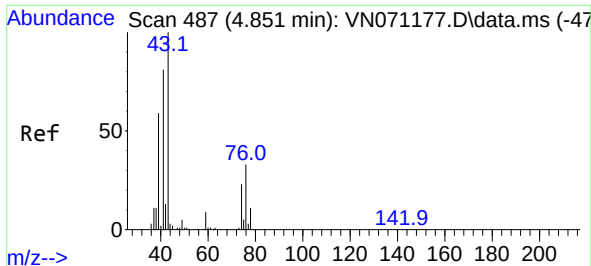
Tgt Ion: 53 Resp: 67
Ion Ratio Lower Upper
53 100
52 0.0 66.2 99.2#
51 0.0 29.6 44.4#



#16
Acetone
Concen: 39768.830 ug/l
RT: 4.392 min Scan# 409
Delta R.T. 0.106 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

Tgt Ion: 43 Resp: 22277
Ion Ratio Lower Upper
43 100
58 10.0 23.1 34.7#

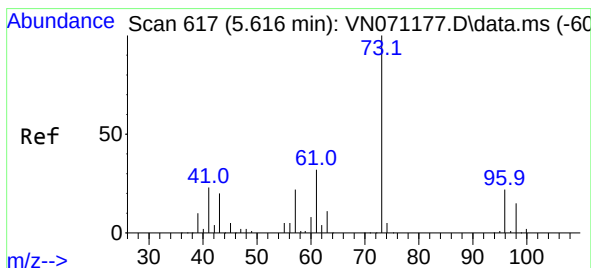
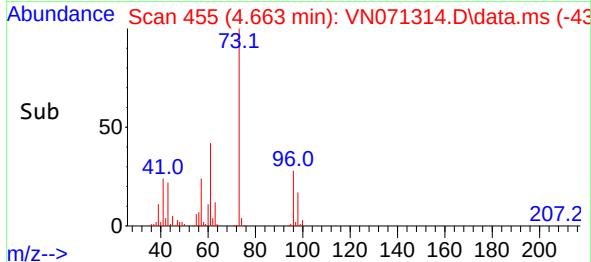
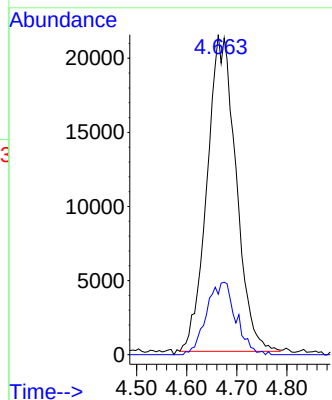
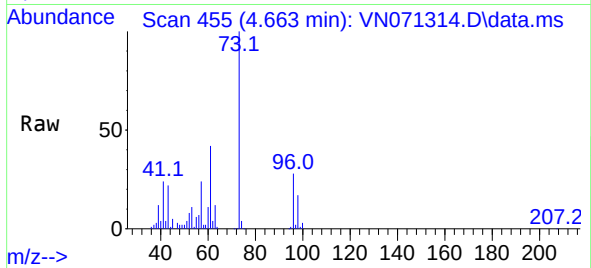




#18
Methyl Acetate
Concen: 56612.141 ug/l
RT: 4.663 min Scan# 41
Delta R.T. -0.188 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

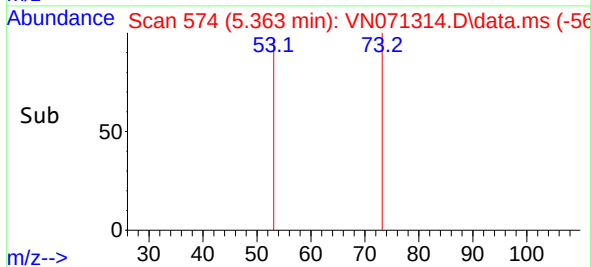
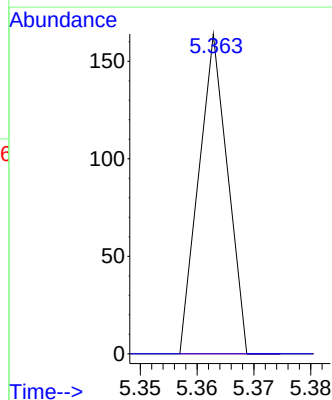
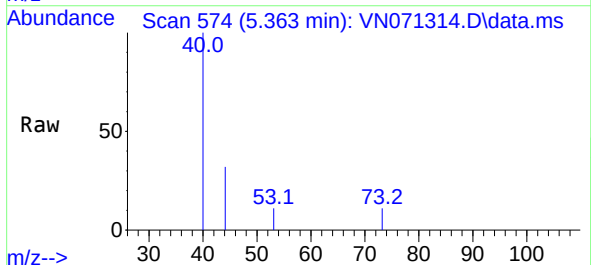
Instrument :
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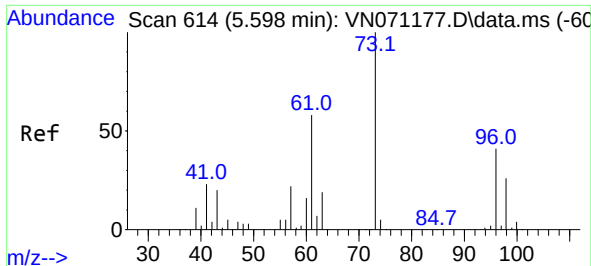
Tgt Ion: 43 Resp: 85975
Ion Ratio Lower Upper
43 100
74 23.1 19.4 29.2



#19
Methyl tert-butyl Ether
Concen: 18.344 ug/l
RT: 5.363 min Scan# 574
Delta R.T. -0.253 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

Tgt Ion: 73 Resp: 58
Ion Ratio Lower Upper
73 100
57 0.0 16.8 25.2#





#21

trans-1,2-Dichloroethene

Concen: 61.881 ug/l

RT: 5.616 min Scan# 61

Delta R.T. 0.017 min

Lab File: VN071314.D

Acq: 16 Mar 2022 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0316MBSD01

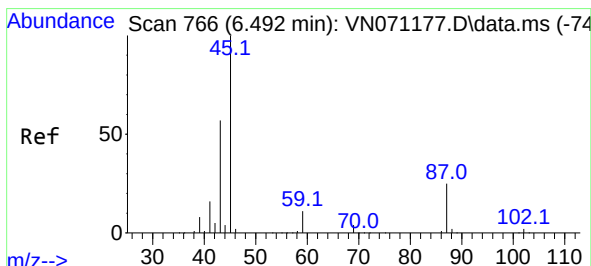
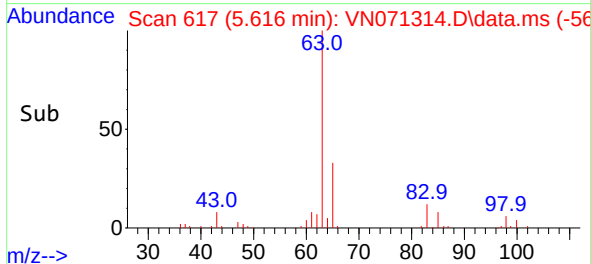
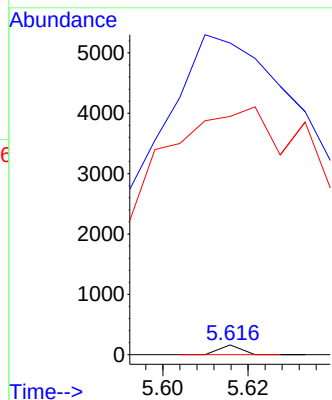
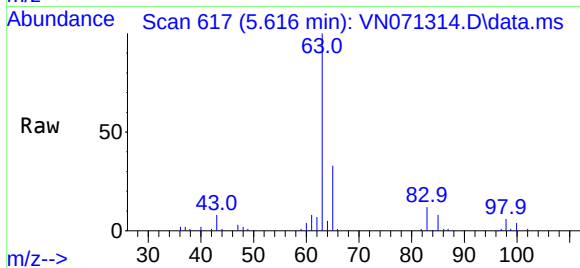
Tgt Ion: 96 Resp: 57

Ion Ratio Lower Upper

96 100

61 559.0 105.8 158.6#

98 396.3 52.0 78.0#



#22

Diisopropyl ether

Concen: 1530.297 ug/l

RT: 6.498 min Scan# 767

Delta R.T. 0.006 min

Lab File: VN071314.D

Acq: 16 Mar 2022 12:29

Tgt Ion: 45 Resp: 5522

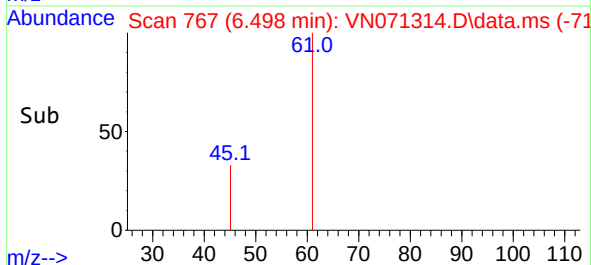
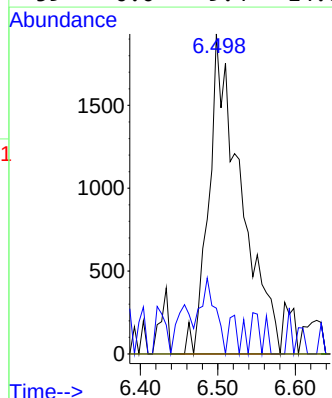
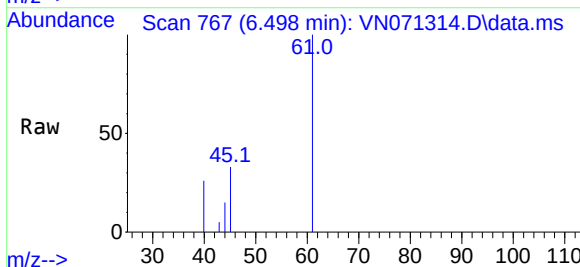
Ion Ratio Lower Upper

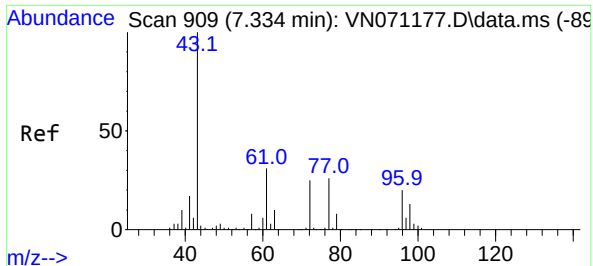
45 100

43 14.3 51.7 77.5#

87 0.0 23.2 34.8#

59 0.0 9.4 14.0#





#25

2-Butanone

Concen: 97693.201 ug/l

RT: 7.210 min Scan# 81

Delta R.T. -0.124 min

Lab File: VN071314.D

Acq: 16 Mar 2022 12:29

Instrument :

MSVOA_N

ClientSampleId :

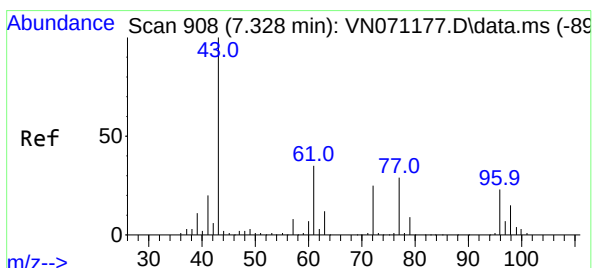
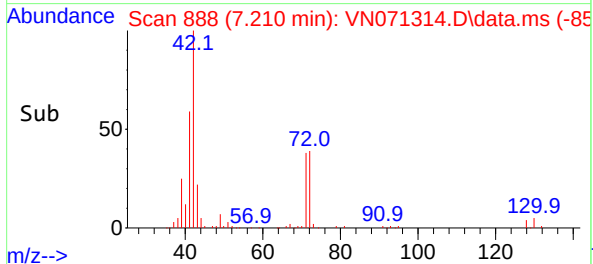
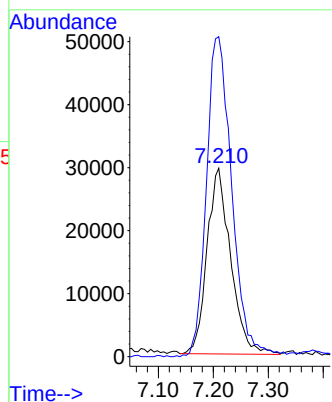
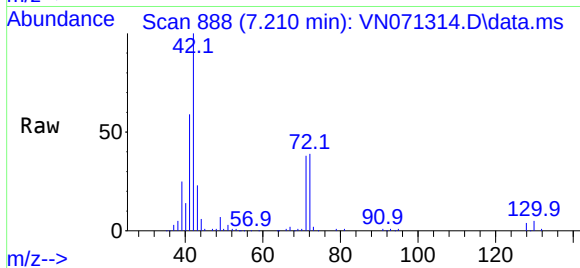
VN0316MBS01

Tgt Ion: 43 Resp: 88154

Ion Ratio Lower Upper

43 100

72 172.5 21.7 32.5#



#27

cis-1,2-Dichloroethene

Concen: 341.187 ug/l

RT: 7.474 min Scan# 933

Delta R.T. 0.147 min

Lab File: VN071314.D

Acq: 16 Mar 2022 12:29

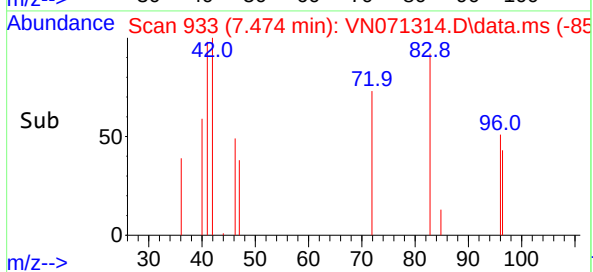
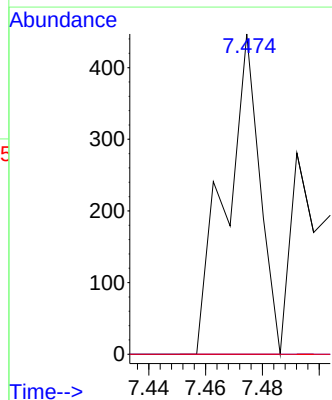
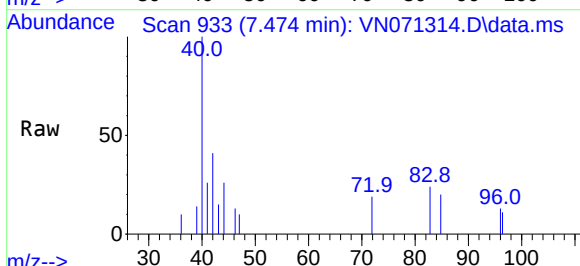
Tgt Ion: 96 Resp: 373

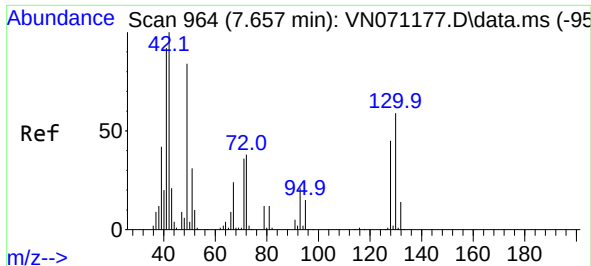
Ion Ratio Lower Upper

96 100

61 0.0 0.0 275.0

98 0.0 0.0 129.6

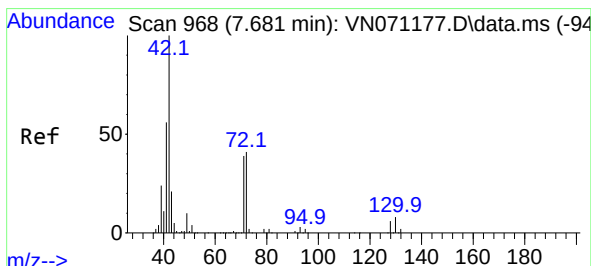
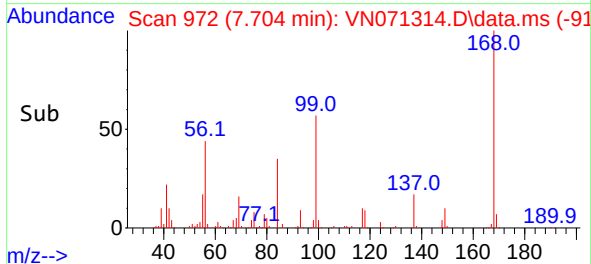
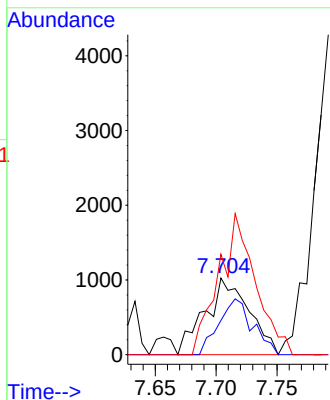
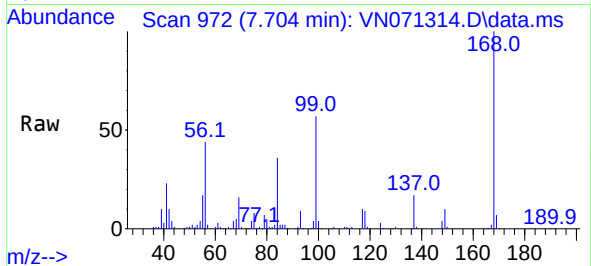




#28
Bromochloromethane
Concen: 3038.475 ug/l
RT: 7.704 min Scan# 912
Delta R.T. 0.047 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

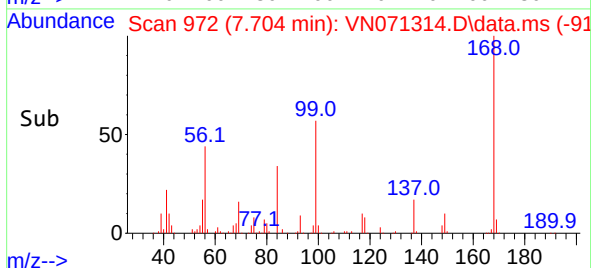
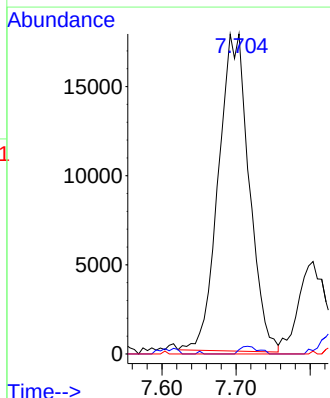
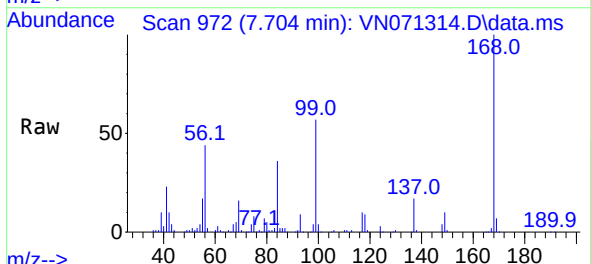
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBSD01

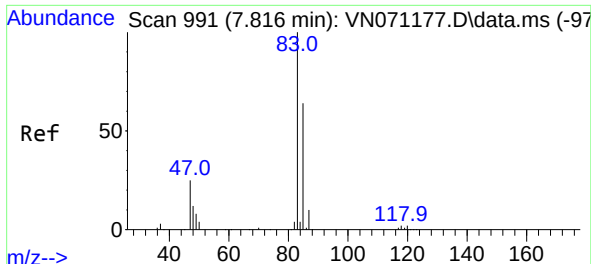
Tgt Ion: 49 Resp: 2580
Ion Ratio Lower Upper
49 100
129 56.1 0.0 4.0#
130 154.0 67.8 101.8#



#29
Tetrahydrofuran
Concen: 81897.985 ug/l
RT: 7.704 min Scan# 972
Delta R.T. 0.023 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

Tgt Ion: 42 Resp: 51197
Ion Ratio Lower Upper
42 100
72 1.4 36.3 54.5#
71 0.0 34.7 52.1#

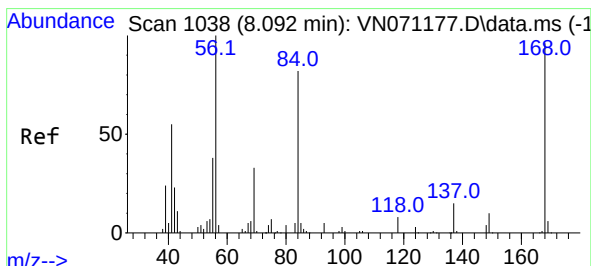
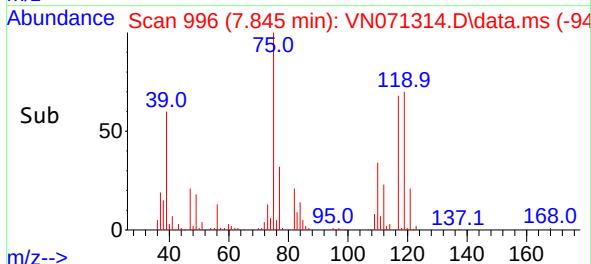
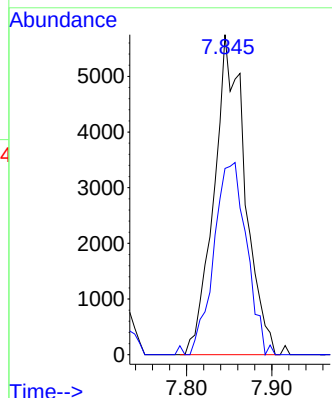
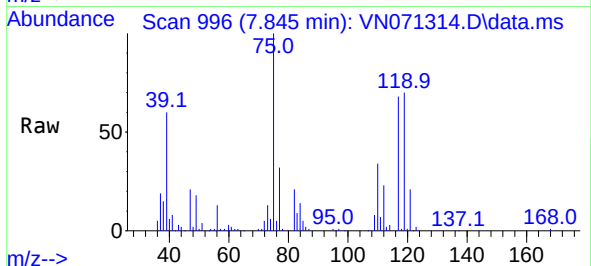




#30
Chloroform
Concen: 8004.504 ug/l
RT: 7.845 min Scan# 991
Delta R.T. 0.029 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

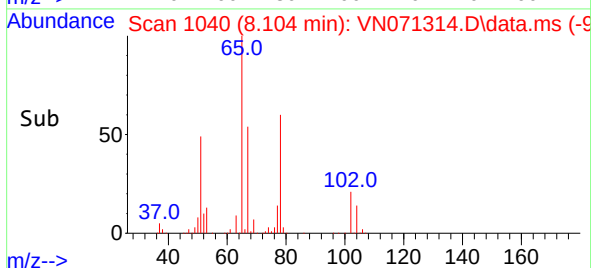
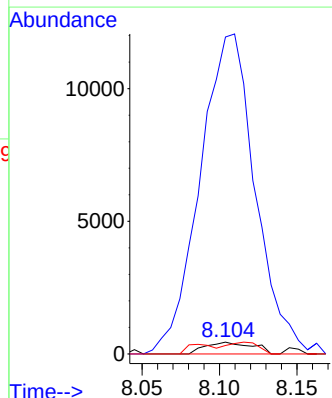
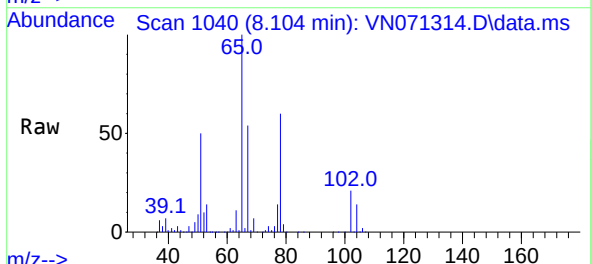
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBSD01

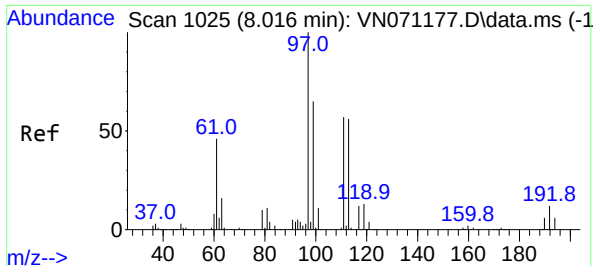
Tgt Ion: 83 Resp: 14557
Ion Ratio Lower Upper
83 100
85 58.2 51.9 77.9



#31
Cyclohexane
Concen: 511.844 ug/l
RT: 8.104 min Scan# 1040
Delta R.T. 0.012 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

Tgt Ion: 56 Resp: 941
Ion Ratio Lower Upper
56 100
69 2339.4 27.1 40.7#
84 70.9 73.4 110.0#

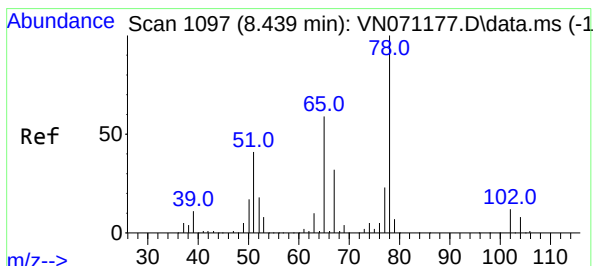
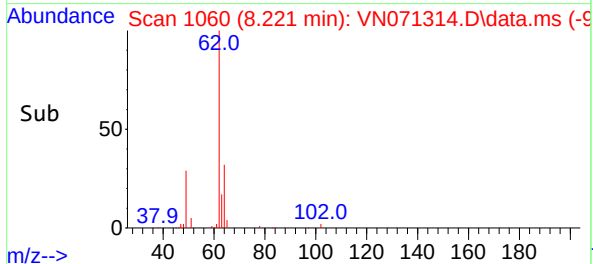
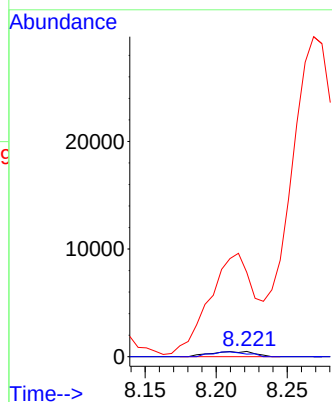
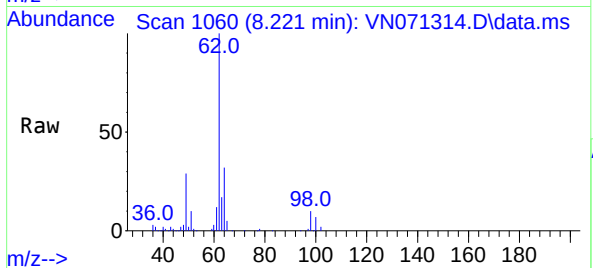




#32
1,1,1-Trichloroethane
Concen: 662.963 ug/l
RT: 8.221 min Scan# 1060
Delta R.T. 0.206 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

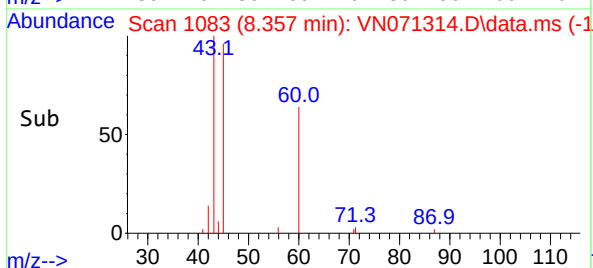
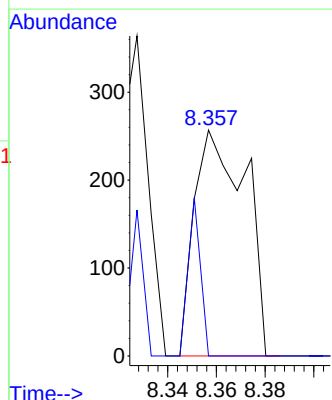
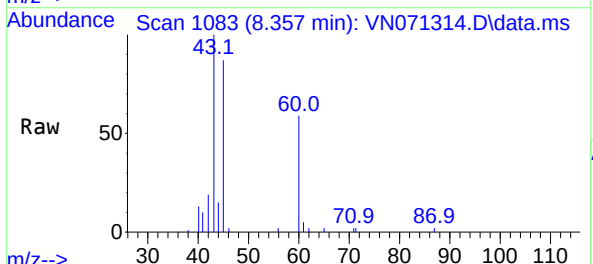
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBSD01

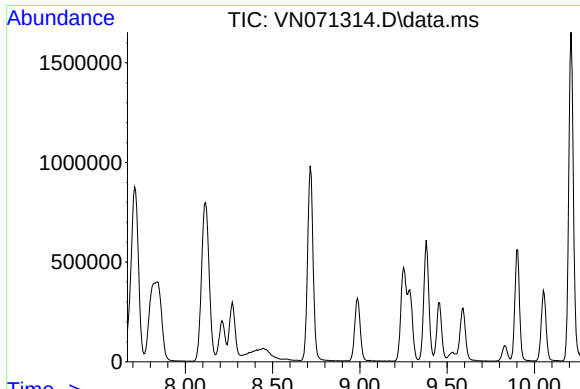
Tgt Ion: 97 Resp: 1027
Ion Ratio Lower Upper
97 100
99 78.0 50.1 75.1#
61 2024.9 35.2 52.8#



#33
1,2-Dichloroethane-d4
Concen: 326.601 ug/l
RT: 8.357 min Scan# 1083
Delta R.T. -0.083 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

Tgt Ion: 65 Resp: 376
Ion Ratio Lower Upper
65 100
67 17.0 0.0 103.0



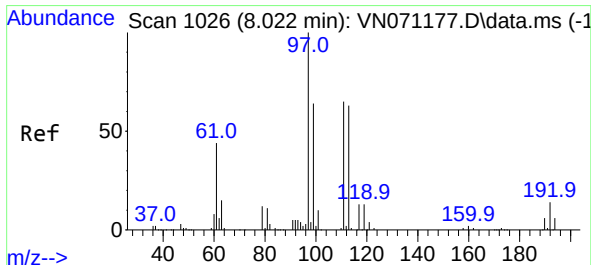
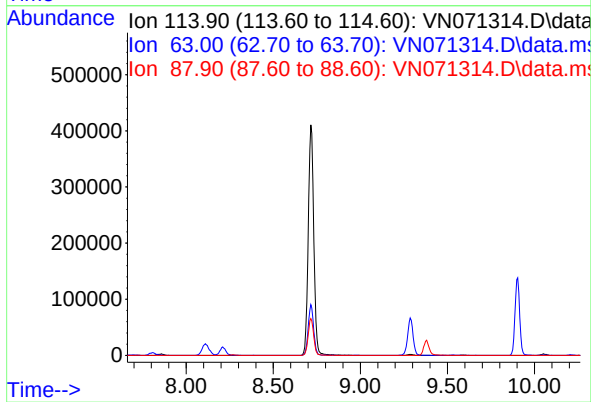


#34
 1,4-Difluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 8.96 min
 Lab File: VN071314.D
 Acq: 16 Mar 2022 12:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0316MBSD01

Tgt Ion: 114

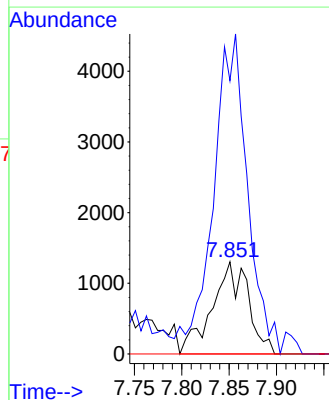
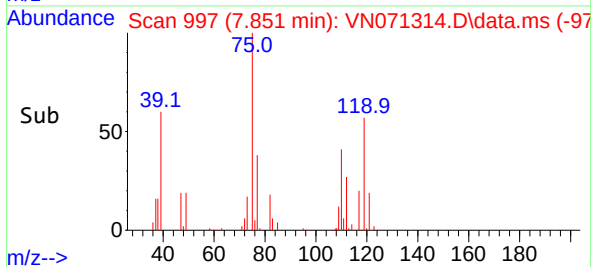
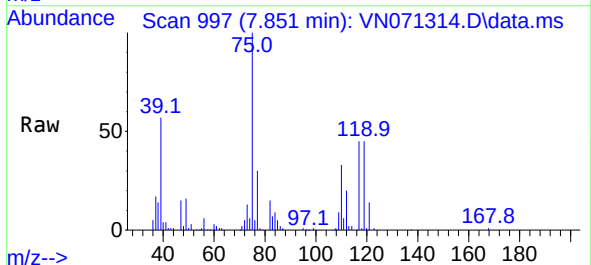
Sig	Exp Ratio
114	100
63	18.9
88	13.7

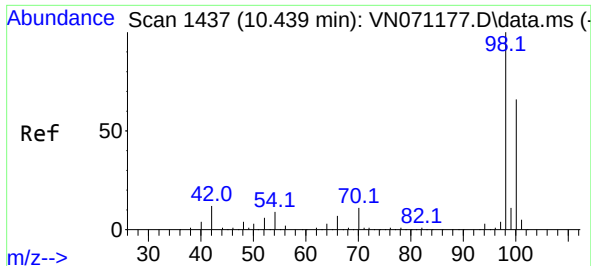


#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 RT: 7.851 min Scan# 997
 Delta R.T. -0.171 min
 Lab File: VN071314.D
 Acq: 16 Mar 2022 12:29

Tgt Ion: 113 Resp: 3450

Ion	Ratio	Lower	Upper
113	100		
111	328.6	82.2	123.2#
192	0.0	16.9	25.3#

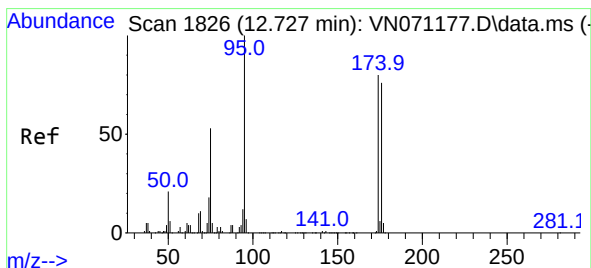
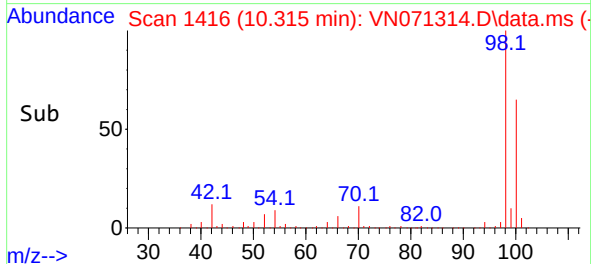
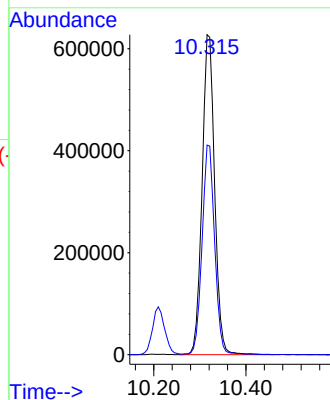
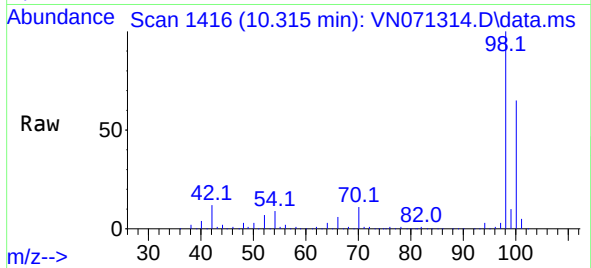




#50
Toluene-d8
Concen: 0.000 ug/l
RT: 10.315 min Scan# 1437
Delta R.T. -0.124 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

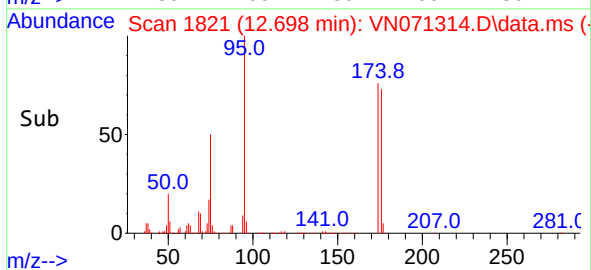
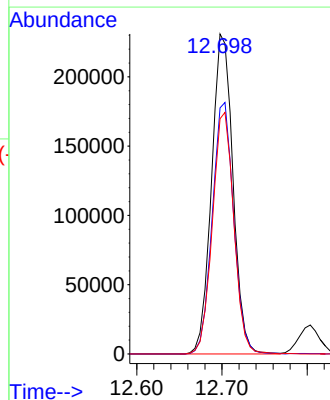
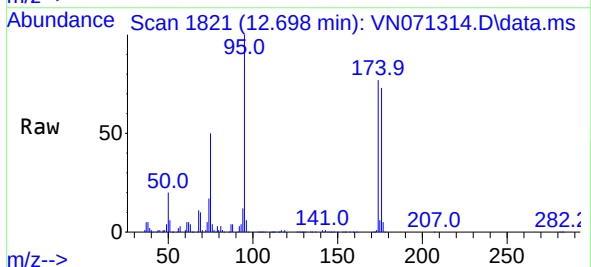
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBSD01

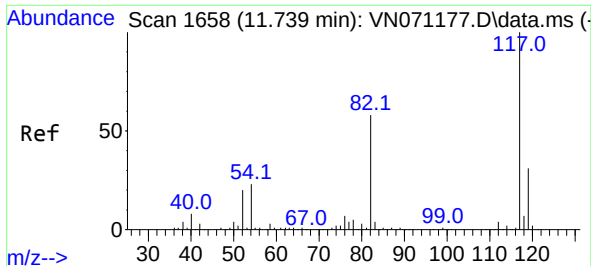
Tgt Ion: 98 Resp: 1191457
Ion Ratio Lower Upper
98 100
100 65.2 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
RT: 12.698 min Scan# 1821
Delta R.T. -0.029 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

Tgt Ion: 95 Resp: 402681
Ion Ratio Lower Upper
95 100
174 78.7 0.0 187.2
176 75.6 0.0 181.4

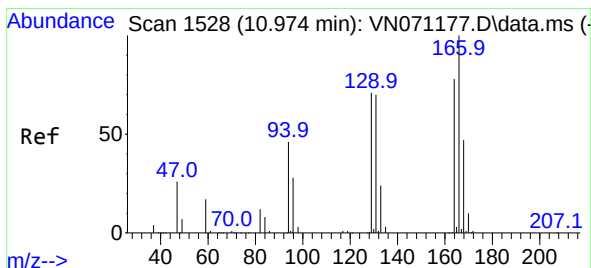
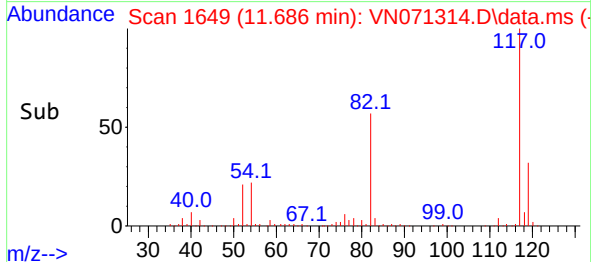
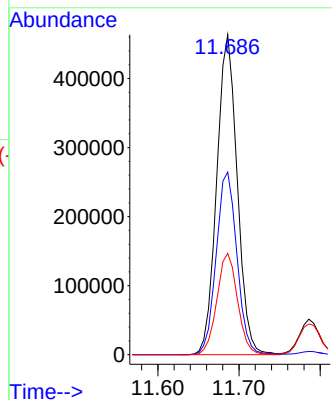
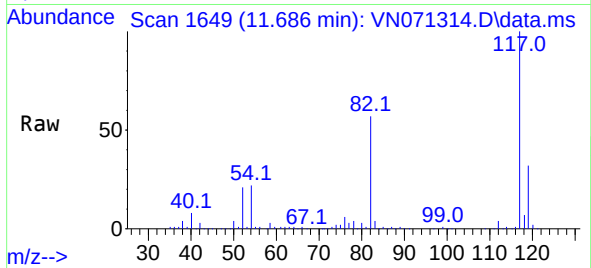




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 11
Delta R.T. -0.053 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

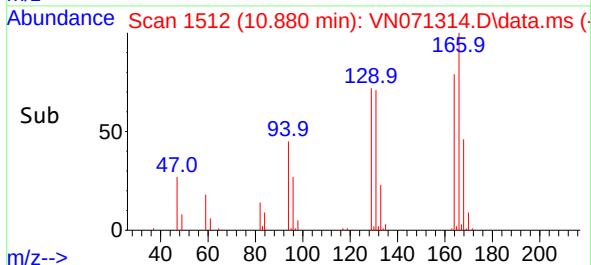
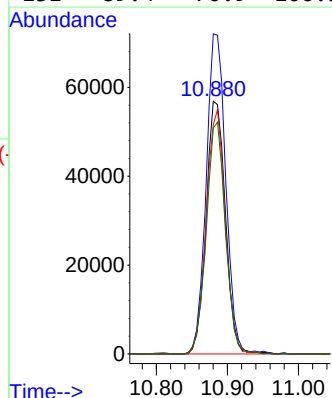
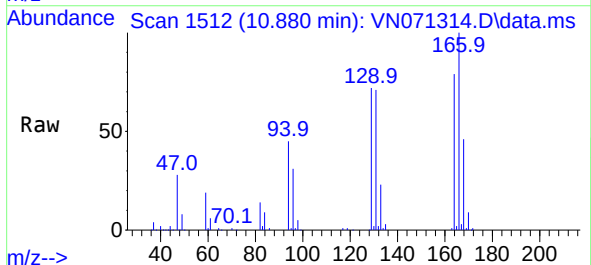
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBSD01

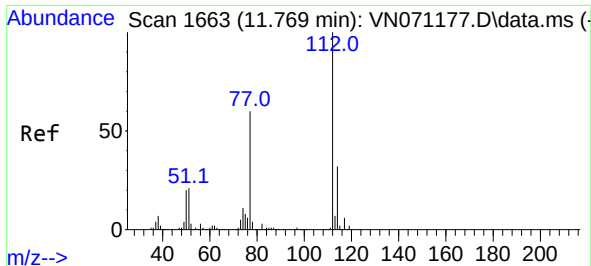
Tgt Ion:117 Resp: 815320
Ion Ratio Lower Upper
117 100
82 57.0 42.4 63.6
119 31.6 25.4 38.2



#64
Tetrachloroethene
Concen: 18.946 ug/l
RT: 10.880 min Scan# 1512
Delta R.T. -0.094 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

Tgt Ion:164 Resp: 107735
Ion Ratio Lower Upper
164 100
166 126.6 101.9 152.9
129 90.8 72.0 108.0
131 89.4 70.9 106.3

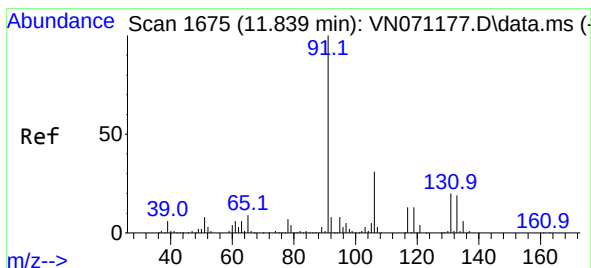
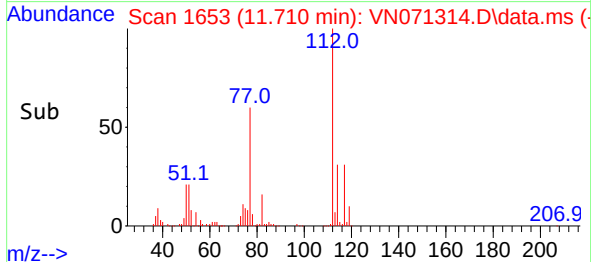
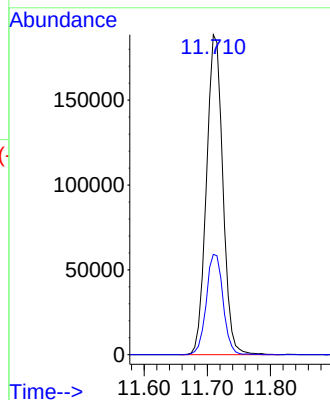
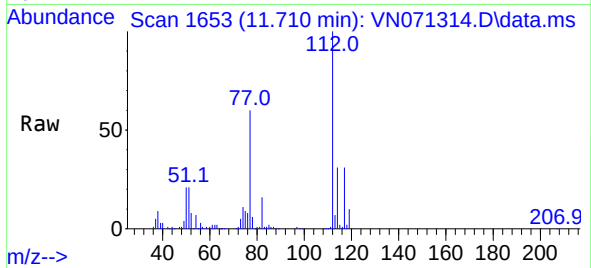




#65
Chlorobenzene
Concen: 19.416 ug/l
RT: 11.710 min Scan# 1653
Delta R.T. -0.059 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

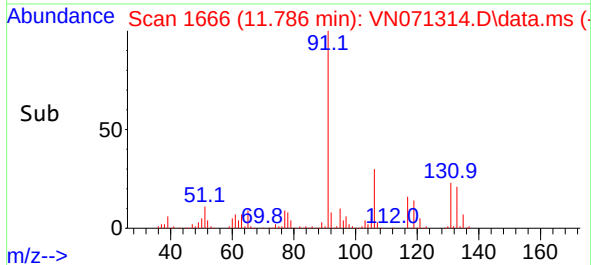
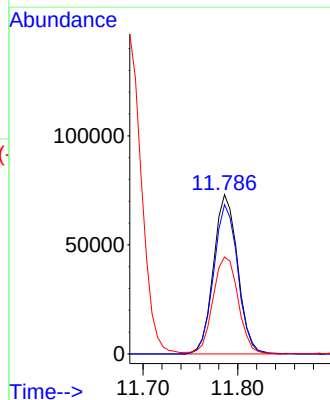
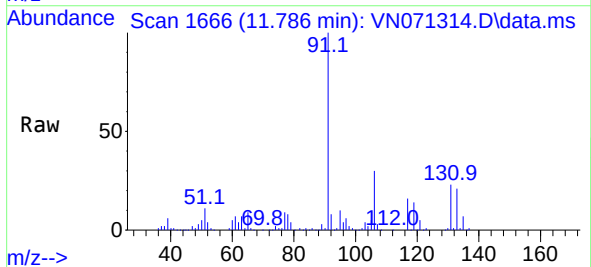
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBSD01

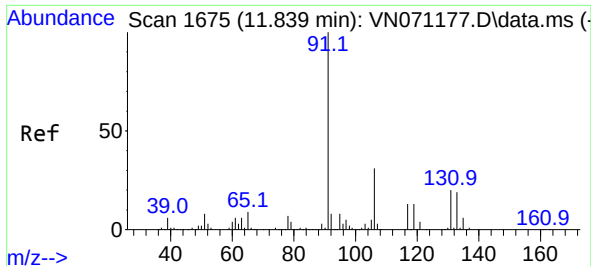
Tgt Ion:112 Resp: 339959
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.189 ug/l
RT: 11.786 min Scan# 1666
Delta R.T. -0.053 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

Tgt Ion:131 Resp: 129617
Ion Ratio Lower Upper
131 100
133 93.7 47.9 143.7
119 63.7 32.1 96.5

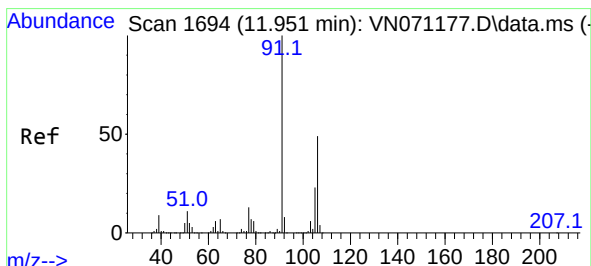
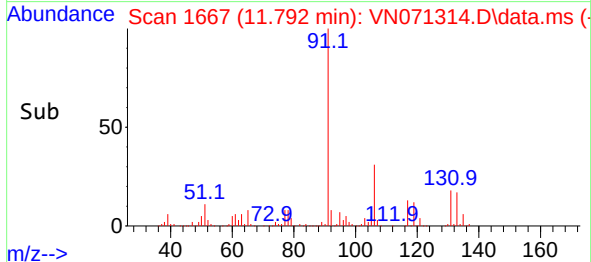
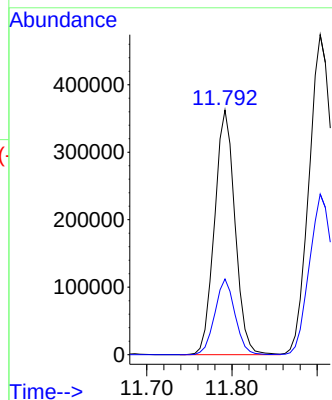
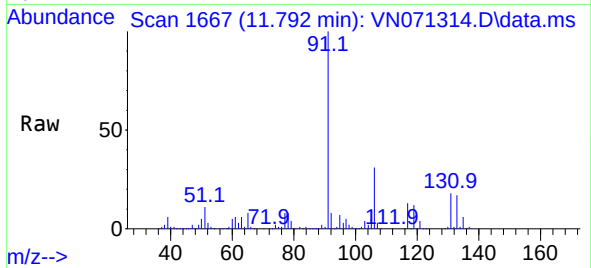




#67
Ethyl Benzene
Concen: 19.572 ug/l
RT: 11.792 min Scan# 1667
Delta R.T. -0.047 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

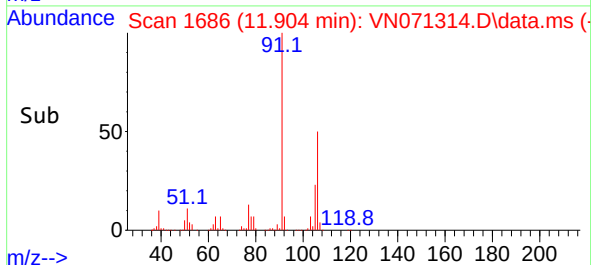
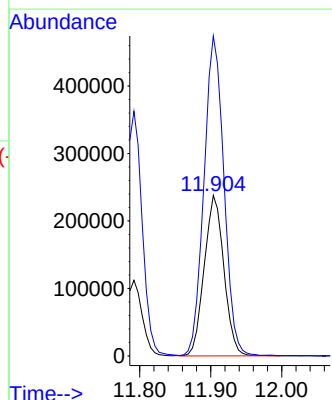
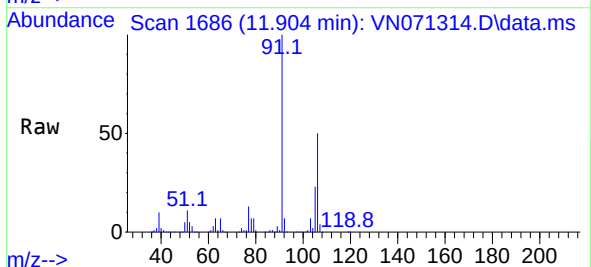
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBSD01

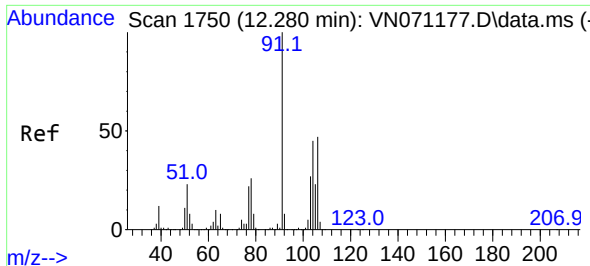
Tgt Ion: 91 Resp: 605915
Ion Ratio Lower Upper
91 100
106 30.9 25.7 38.5



#68
m/p-Xylenes
Concen: 40.437 ug/l
RT: 11.904 min Scan# 1686
Delta R.T. -0.047 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

Tgt Ion: 106 Resp: 457977
Ion Ratio Lower Upper
106 100
91 201.6 160.6 240.8

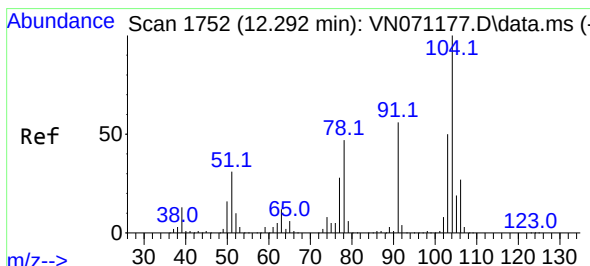
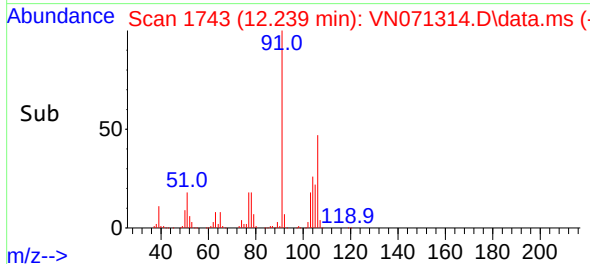
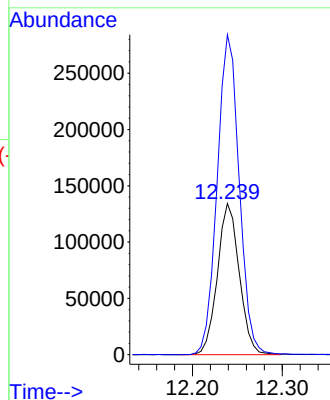
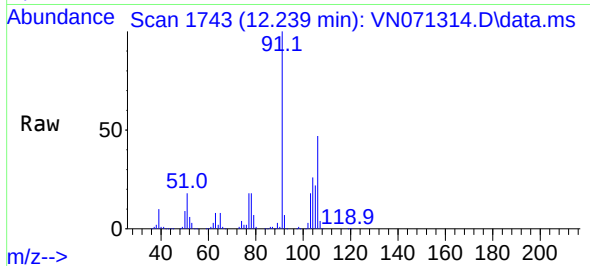




#69
o-Xylene
Concen: 19.993 ug/l
RT: 12.239 min Scan# 11
Delta R.T. -0.041 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

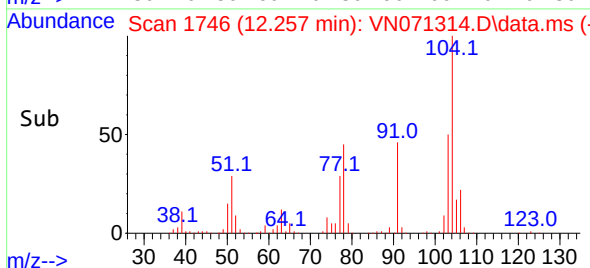
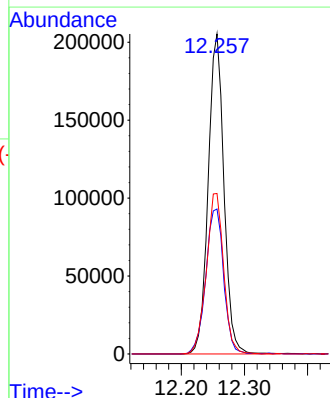
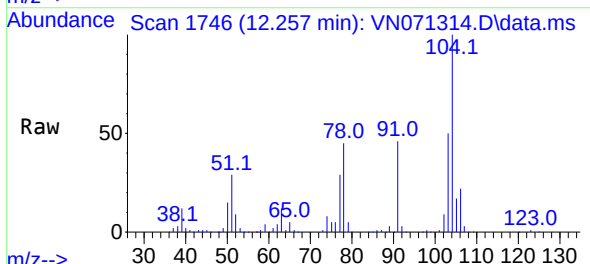
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBSD01

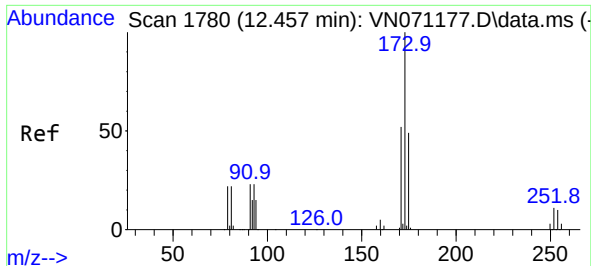
Tgt Ion:106 Resp: 226980
Ion Ratio Lower Upper
106 100
91 213.5 105.8 317.3



#70
Styrene
Concen: 20.200 ug/l
RT: 12.257 min Scan# 1746
Delta R.T. -0.035 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

Tgt Ion:104 Resp: 354975
Ion Ratio Lower Upper
104 100
78 51.6 38.7 58.1
103 55.0 45.0 67.6

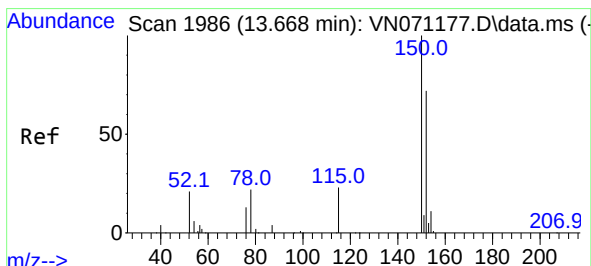
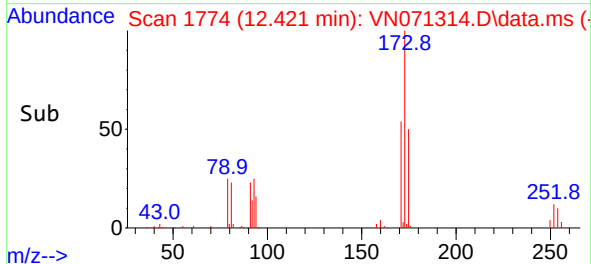
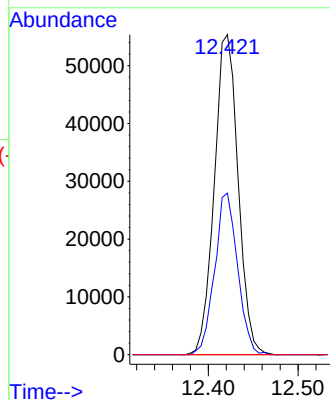
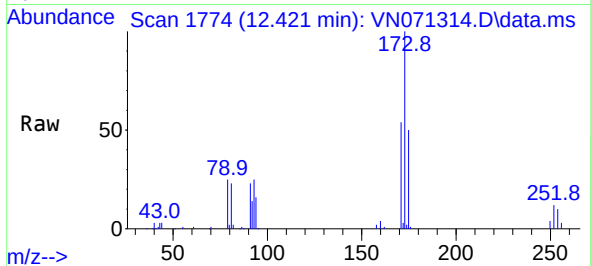




#71
Bromoform
Concen: 20.913 ug/l
RT: 12.421 min Scan# 1774
Delta R.T. -0.036 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

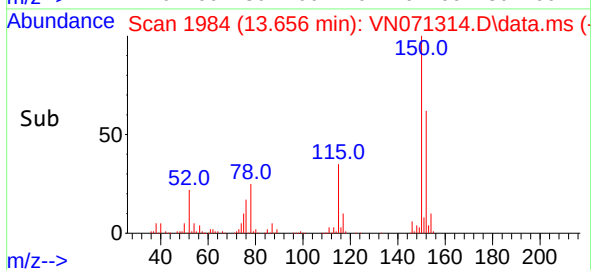
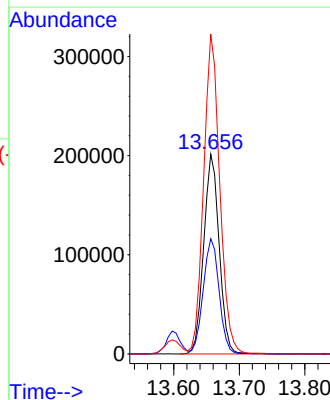
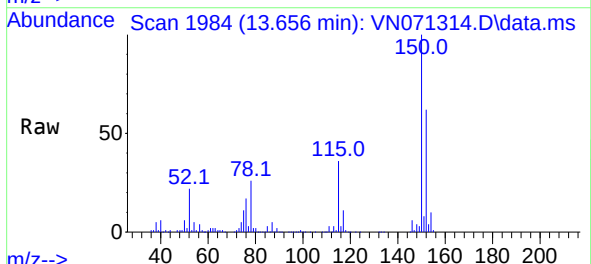
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBSD01

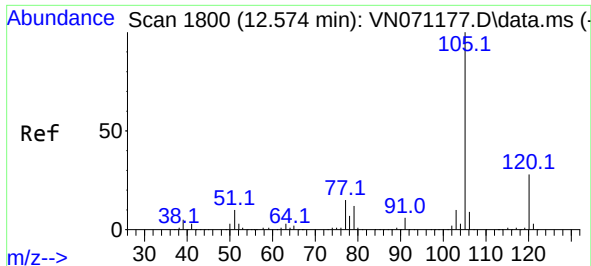
Tgt Ion:173 Resp: 101964
Ion Ratio Lower Upper
173 100
175 48.6 24.2 72.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.656 min Scan# 1984
Delta R.T. -0.012 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

Tgt Ion:152 Resp: 330659
Ion Ratio Lower Upper
152 100
115 59.2 27.5 82.5
150 167.4 0.0 344.4

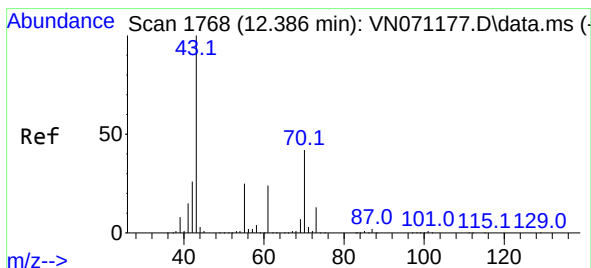
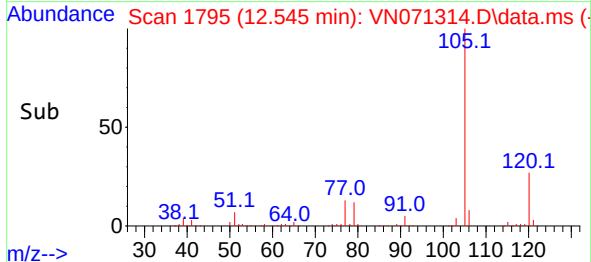
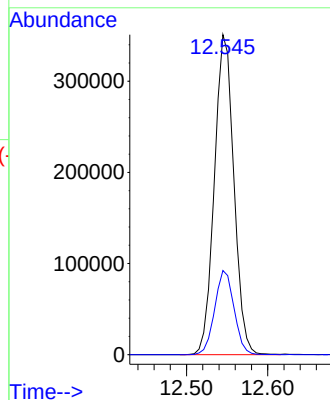
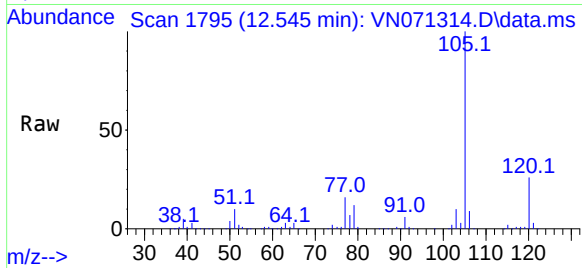




#73
Isopropylbenzene
Concen: 18.397 ug/l
RT: 12.545 min Scan# 1795
Delta R.T. -0.029 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

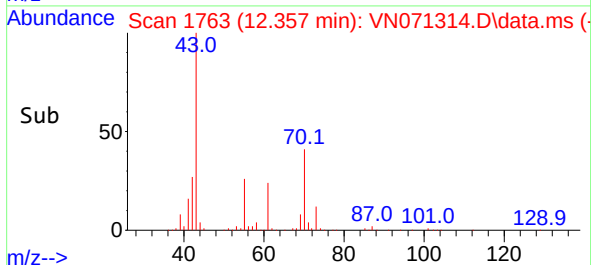
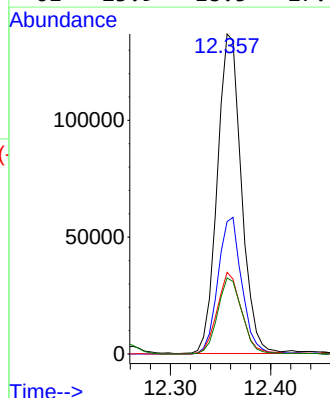
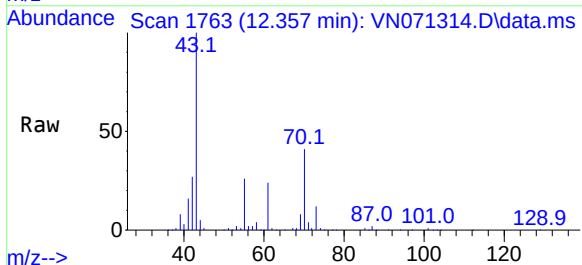
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01

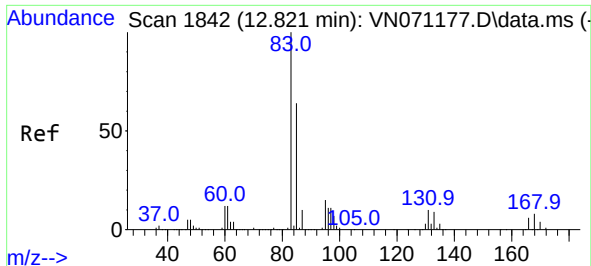
Tgt Ion:105 Resp: 586417
Ion Ratio Lower Upper
105 100
120 26.1 13.4 40.1



#74
N-ethyl acetate
Concen: 19.074 ug/l
RT: 12.357 min Scan# 1763
Delta R.T. -0.029 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

Tgt Ion: 43 Resp: 228603
Ion Ratio Lower Upper
43 100
70 42.5 33.4 50.0
55 25.8 19.3 28.9
61 23.9 18.5 27.7

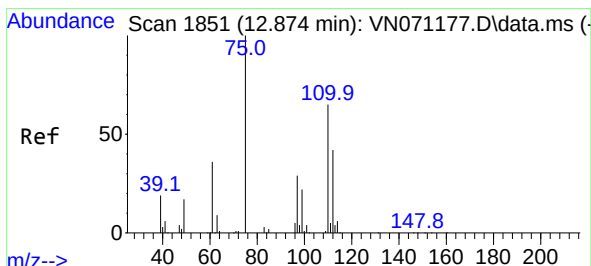
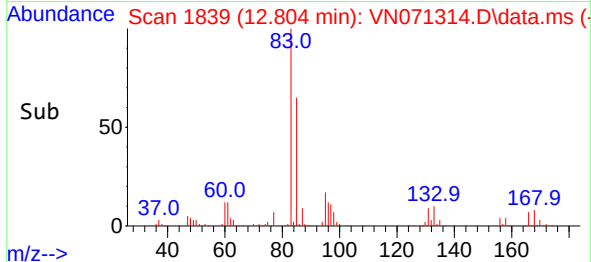
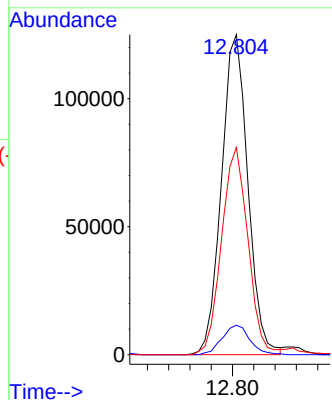
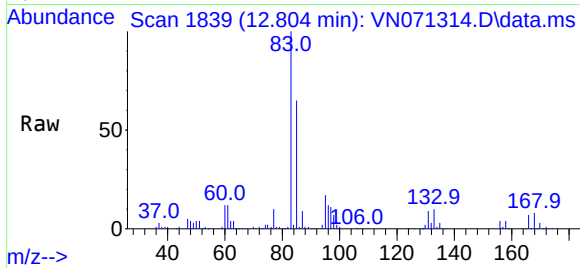




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.235 ug/l
 RT: 12.804 min Scan# 1839
 Delta R.T. -0.017 min
 Lab File: VN071314.D
 Acq: 16 Mar 2022 12:29

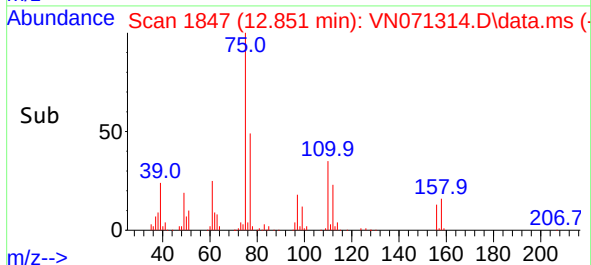
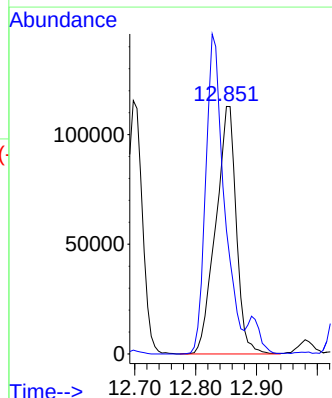
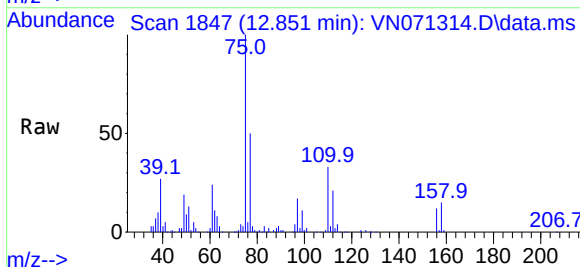
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0316MBS01

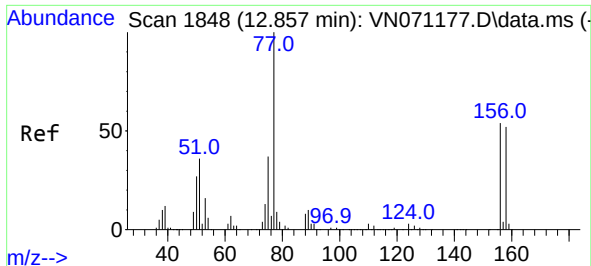
Tgt Ion: 83 Resp: 215101
 Ion Ratio Lower Upper
 83 100
 131 9.7 5.5 16.5
 85 64.7 32.4 97.2



#76
 1,2,3-Trichloropropane
 Concen: 32.010 ug/l
 RT: 12.851 min Scan# 1847
 Delta R.T. -0.023 min
 Lab File: VN071314.D
 Acq: 16 Mar 2022 12:29

Tgt Ion: 75 Resp: 264670
 Ion Ratio Lower Upper
 75 100
 77 0.0 82.6 247.8#

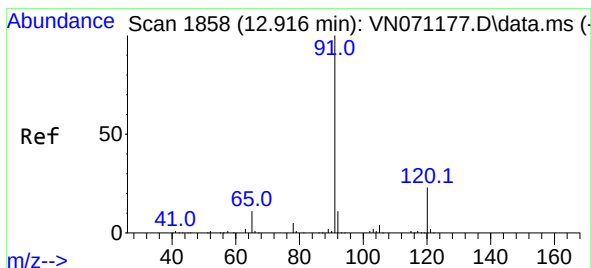
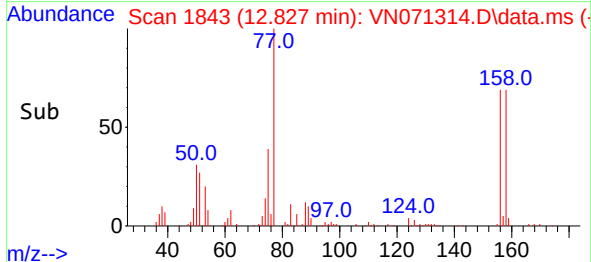
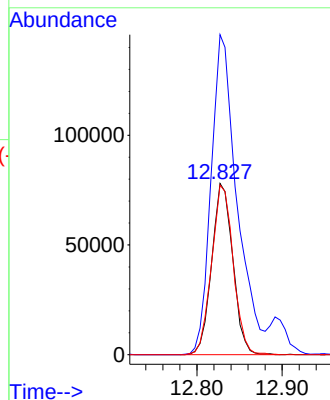
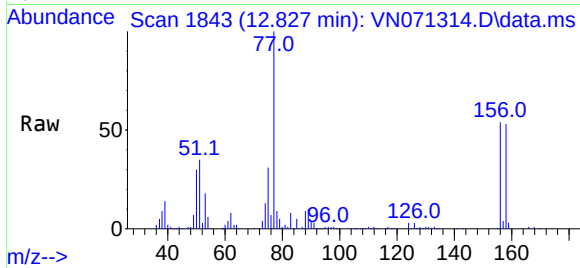




#77
Bromobenzene
Concen: 18.067 ug/l
RT: 12.827 min Scan# 1843
Delta R.T. -0.030 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

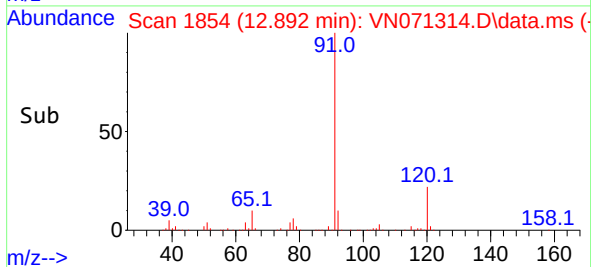
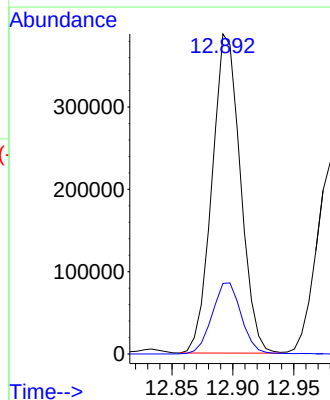
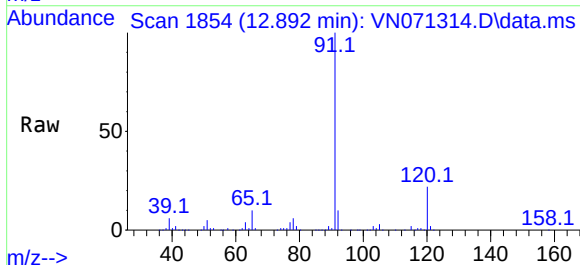
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBSD01

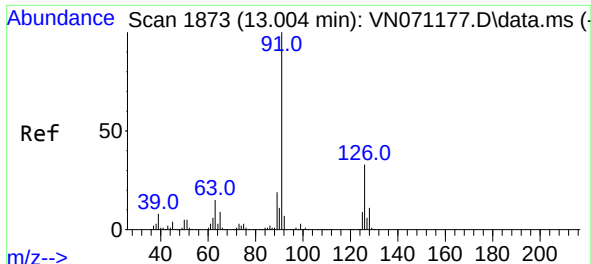
Tgt Ion:156 Resp: 134289
Ion Ratio Lower Upper
156 100
77 229.7 90.6 271.8
158 101.5 48.9 146.7



#78
n-propylbenzene
Concen: 18.397 ug/l
RT: 12.892 min Scan# 1854
Delta R.T. -0.024 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

Tgt Ion: 91 Resp: 629263
Ion Ratio Lower Upper
91 100
120 23.0 11.9 35.9

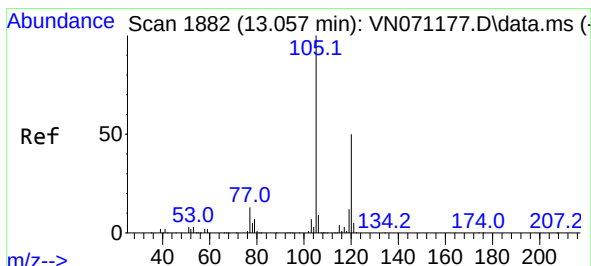
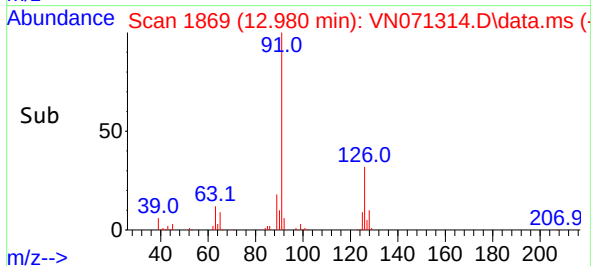
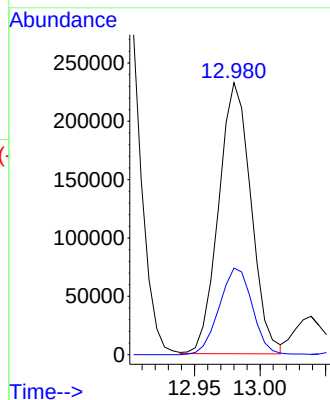
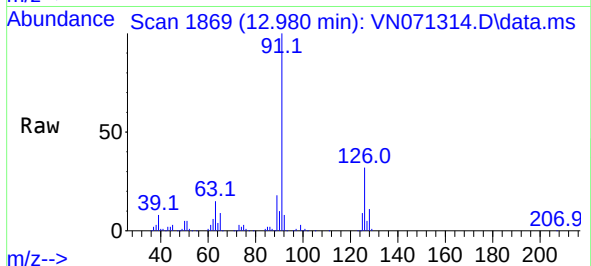




#79
2-Chlorotoluene
Concen: 18.164 ug/l
RT: 12.980 min Scan# 1869
Delta R.T. -0.024 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

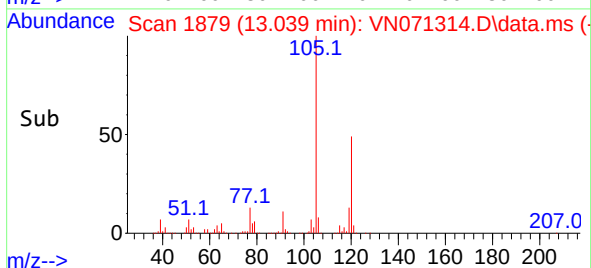
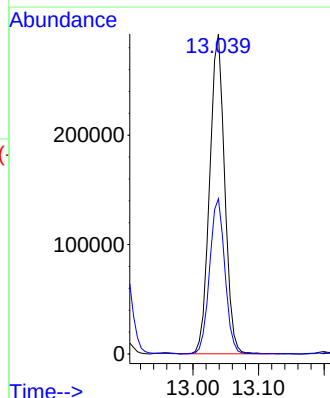
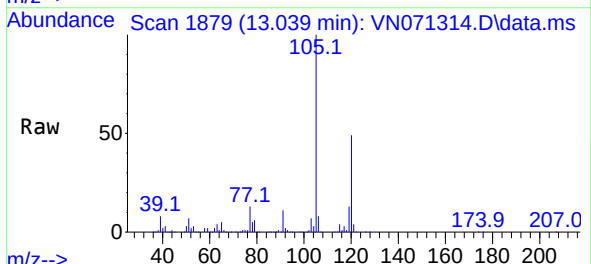
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01

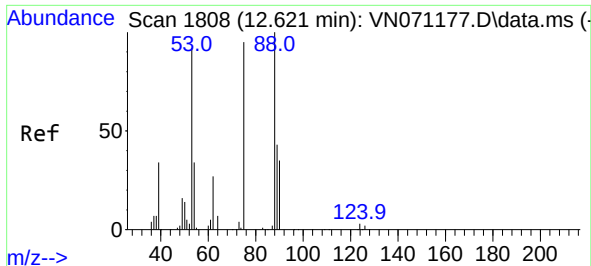
Tgt Ion: 91 Resp: 398820
Ion Ratio Lower Upper
91 100
126 32.7 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 18.742 ug/l
RT: 13.039 min Scan# 1879
Delta R.T. -0.018 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

Tgt Ion:105 Resp: 464771
Ion Ratio Lower Upper
105 100
120 49.4 24.6 73.6

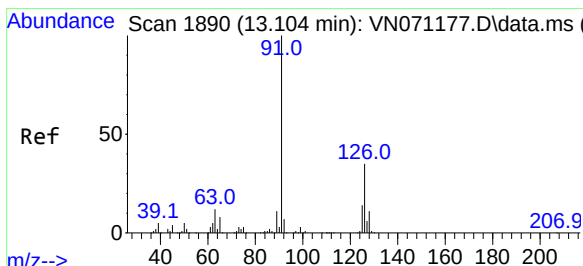
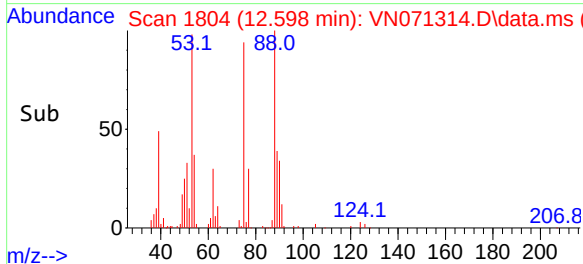
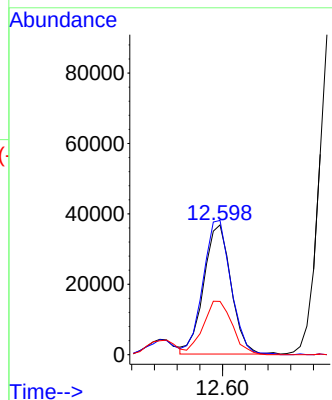
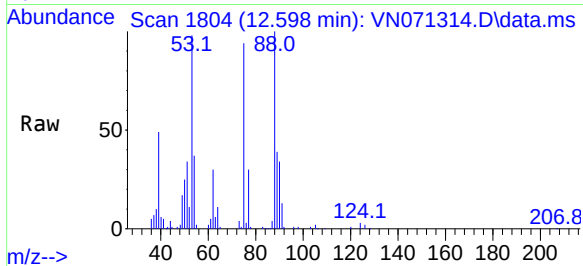




#81
trans-1,4-Dichloro-2-butene
Concen: 20.095 ug/l
RT: 12.598 min Scan# 1804
Delta R.T. -0.024 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

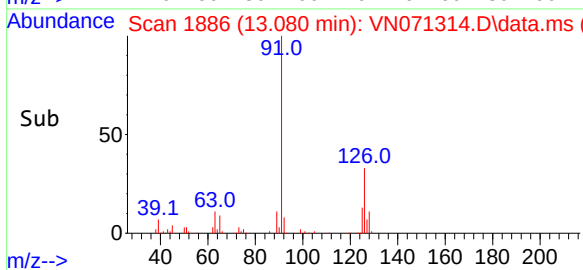
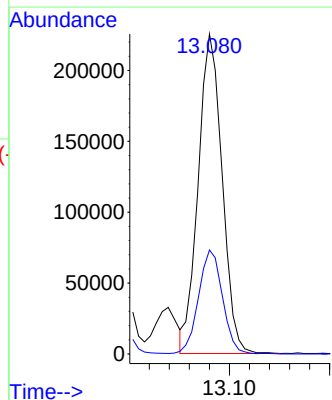
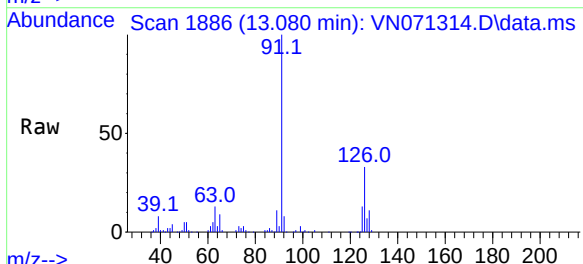
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01

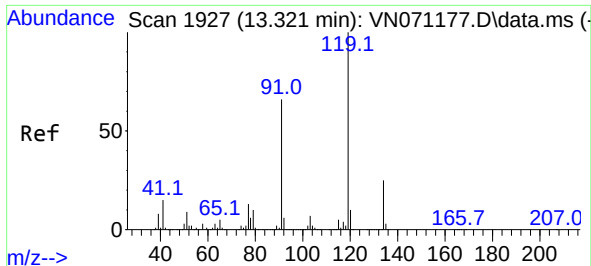
Tgt Ion: 75 Resp: 61466
Ion Ratio Lower Upper
75 100
53 105.5 90.5 135.7
89 43.6 38.2 57.4



#82
4-Chlorotoluene
Concen: 19.136 ug/l
RT: 13.080 min Scan# 1886
Delta R.T. -0.024 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

Tgt Ion: 91 Resp: 374243
Ion Ratio Lower Upper
91 100
126 32.7 18.2 54.6

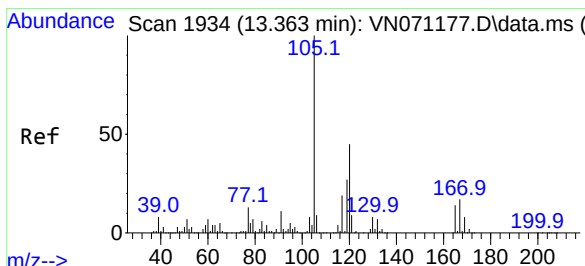
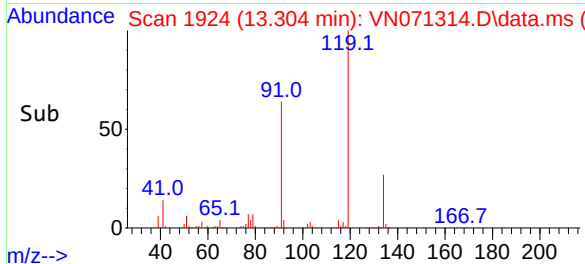
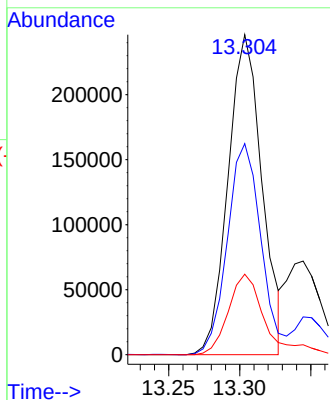
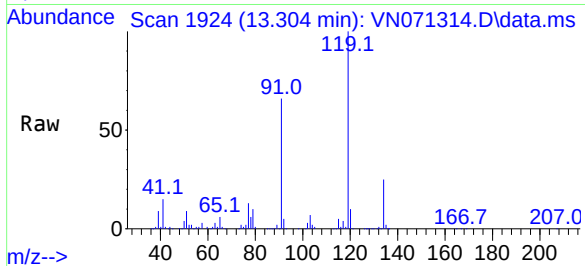




#83
tert-Butylbenzene
Concen: 18.523 ug/l
RT: 13.304 min Scan# 1927
Delta R.T. -0.018 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

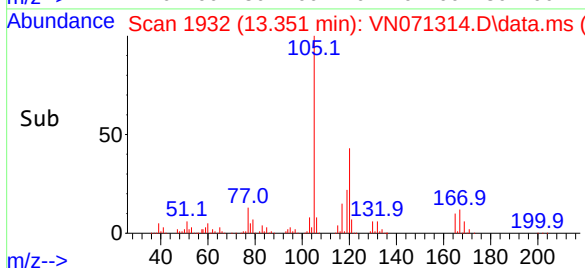
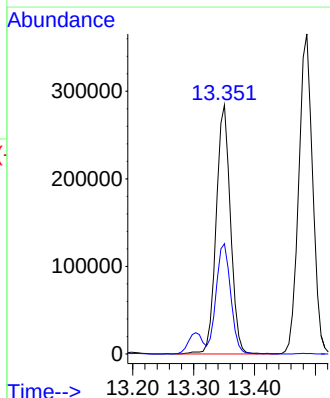
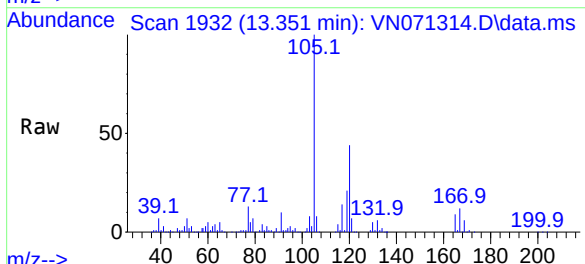
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBSD01

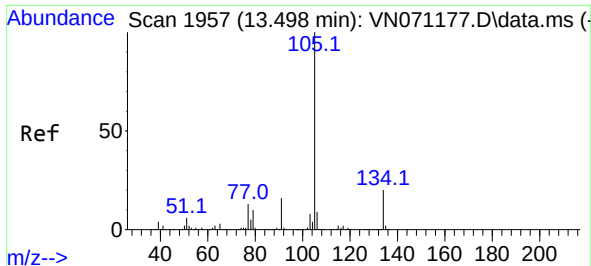
Tgt Ion:119 Resp: 409934
Ion Ratio Lower Upper
119 100
91 65.6 31.5 94.5
134 27.1 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 19.495 ug/l
RT: 13.351 min Scan# 1932
Delta R.T. -0.012 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

Tgt Ion:105 Resp: 463075
Ion Ratio Lower Upper
105 100
120 45.1 22.8 68.4

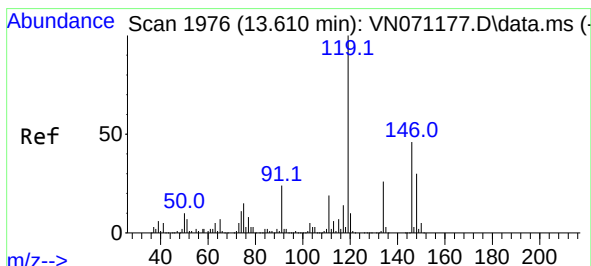
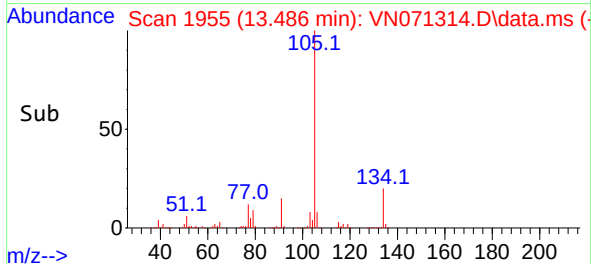
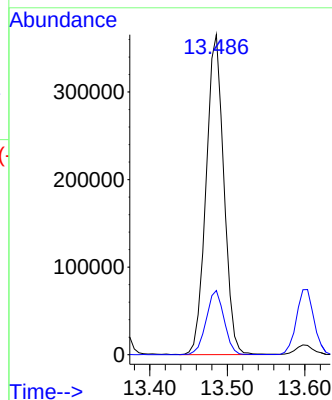
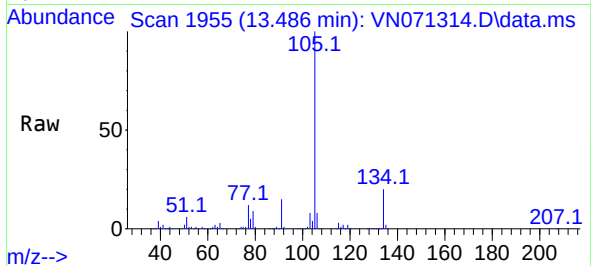




#85
 sec-Butylbenzene
 Concen: 19.709 ug/l
 RT: 13.486 min Scan# 1955
 Delta R.T. -0.012 min
 Lab File: VN071314.D
 Acq: 16 Mar 2022 12:29

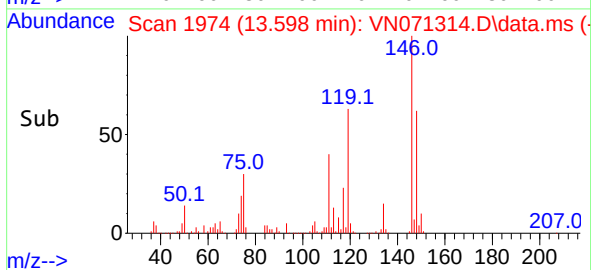
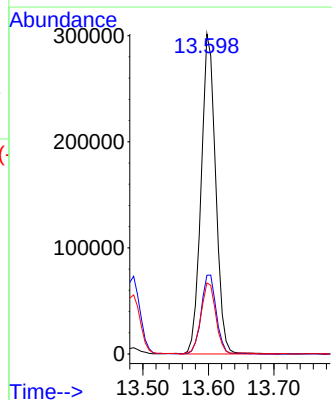
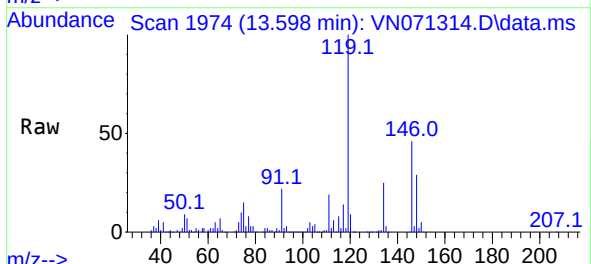
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0316MBS01

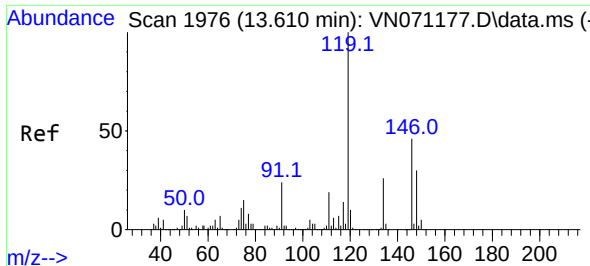
Tgt Ion:105 Resp: 579758
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 20.135 ug/l
 RT: 13.598 min Scan# 1974
 Delta R.T. -0.012 min
 Lab File: VN071314.D
 Acq: 16 Mar 2022 12:29

Tgt Ion:119 Resp: 465789
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.6 40.7
 91 22.7 11.4 34.1

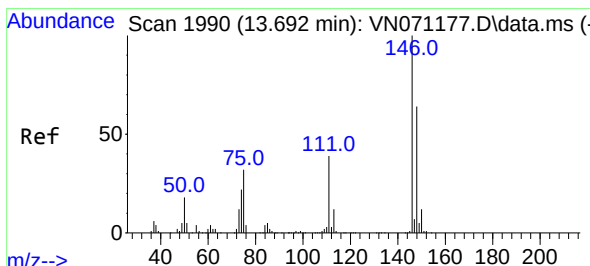
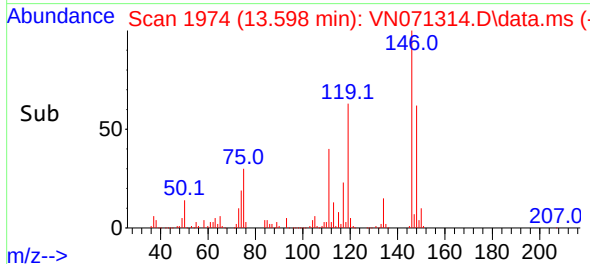
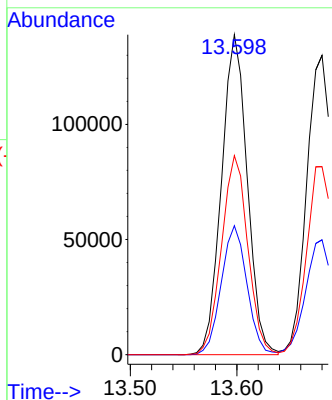
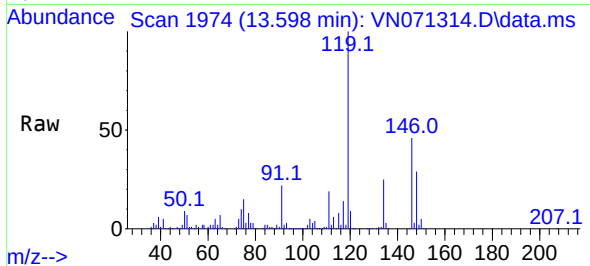




#87
1,3-Dichlorobenzene
Concen: 19.321 ug/l
RT: 13.598 min Scan# 1976
Delta R.T. -0.012 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

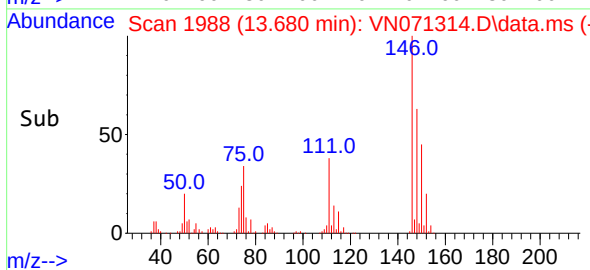
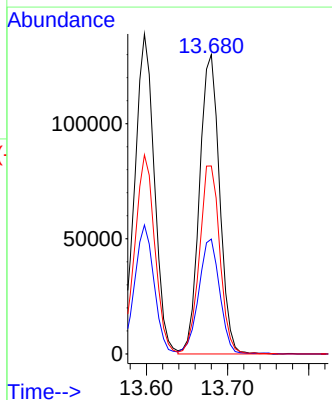
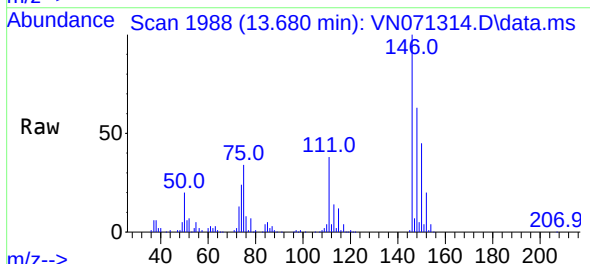
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01

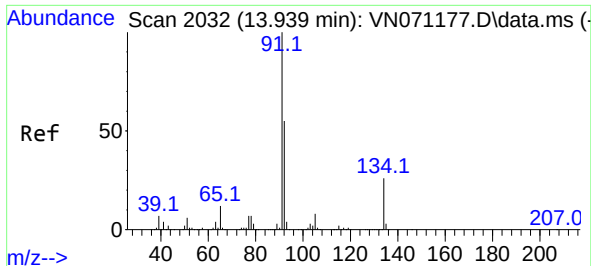
Tgt Ion:146 Resp: 233341
Ion Ratio Lower Upper
146 100
111 40.2 18.6 55.6
148 63.5 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 18.870 ug/l
RT: 13.680 min Scan# 1988
Delta R.T. -0.012 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

Tgt Ion:146 Resp: 222764
Ion Ratio Lower Upper
146 100
111 39.7 18.3 54.8
148 64.1 31.8 95.4

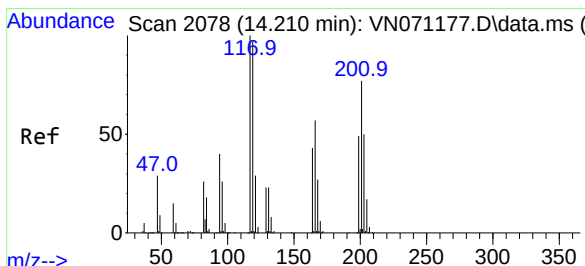
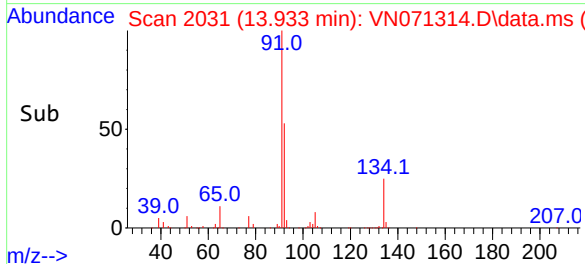
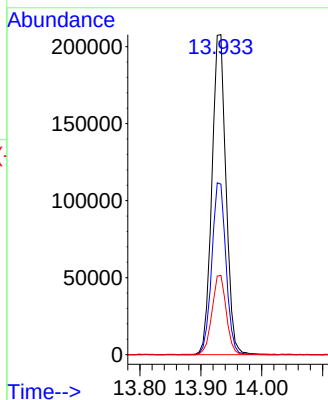
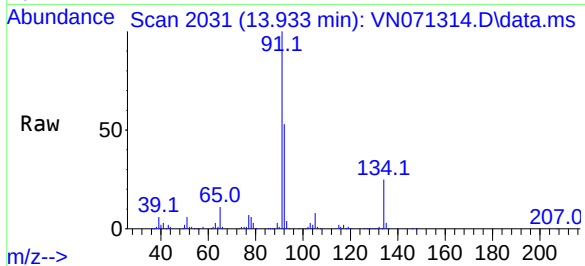




#89
n-Butylbenzene
Concen: 18.437 ug/l
RT: 13.933 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

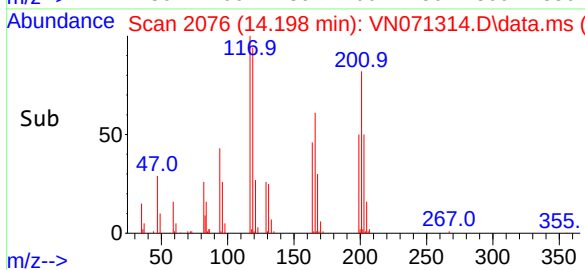
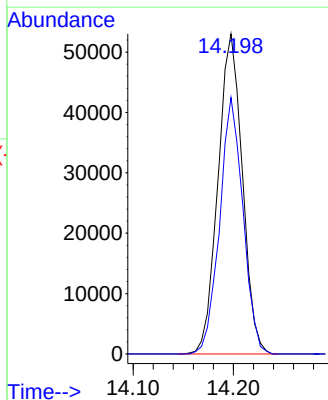
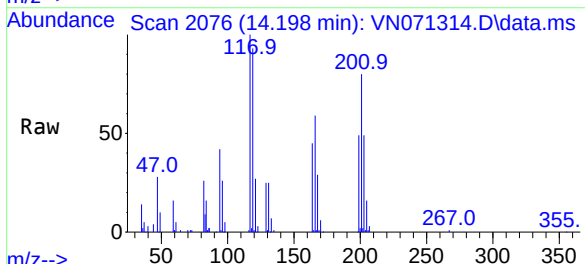
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01

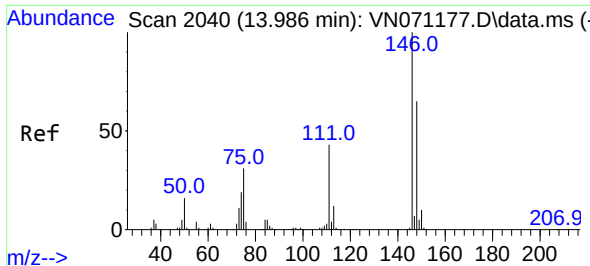
Tgt Ion: 91 Resp: 333590
Ion Ratio Lower Upper
91 100
92 54.2 25.4 76.0
134 25.1 13.6 40.8



#90
Hexachloroethane
Concen: 19.395 ug/l
RT: 14.198 min Scan# 2076
Delta R.T. -0.012 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

Tgt Ion: 117 Resp: 89226
Ion Ratio Lower Upper
117 100
201 76.7 43.9 131.6

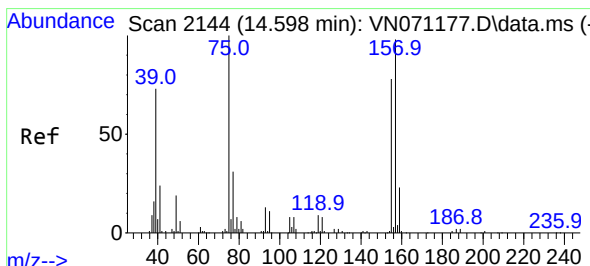
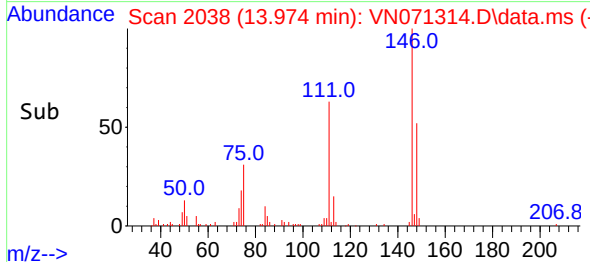
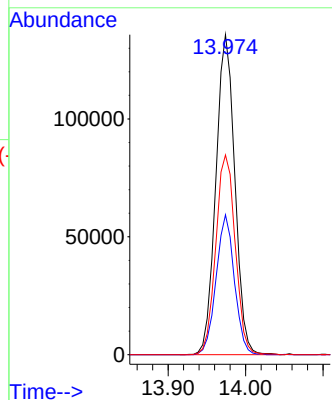
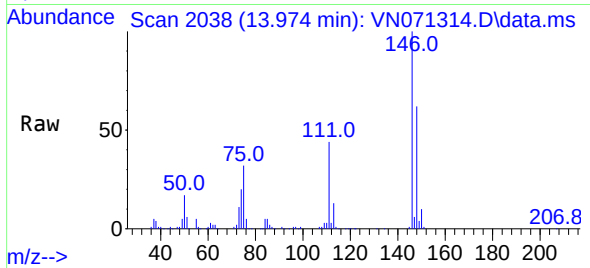




#91
1,2-Dichlorobenzene
Concen: 19.900 ug/l
RT: 13.974 min Scan# 2040
Delta R.T. -0.012 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

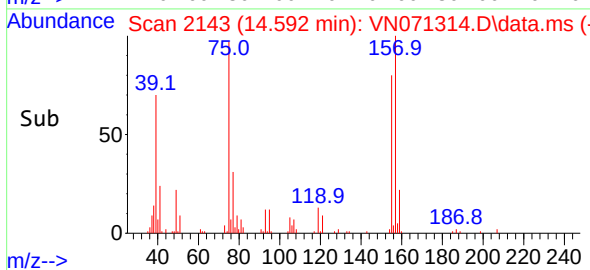
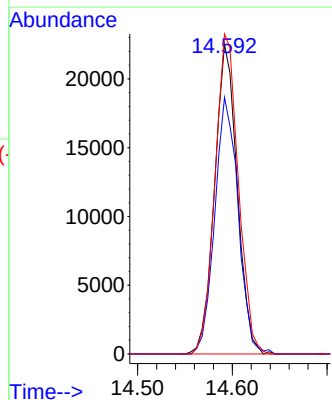
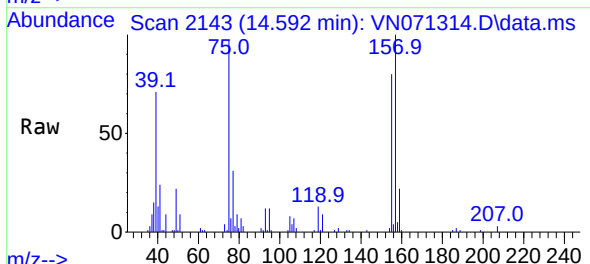
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01

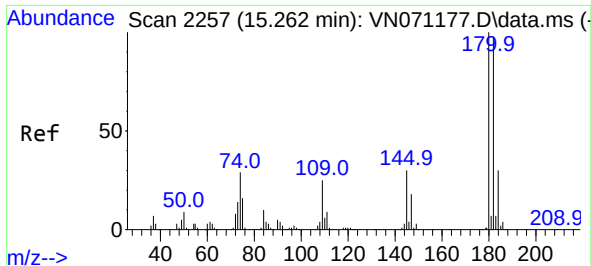
Tgt Ion:146 Resp: 231055
Ion Ratio Lower Upper
146 100
111 42.1 19.1 57.3
148 64.1 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.160 ug/l
RT: 14.592 min Scan# 2143
Delta R.T. -0.006 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

Tgt Ion: 75 Resp: 37389
Ion Ratio Lower Upper
75 100
155 85.4 46.9 140.7
157 106.8 60.6 181.7

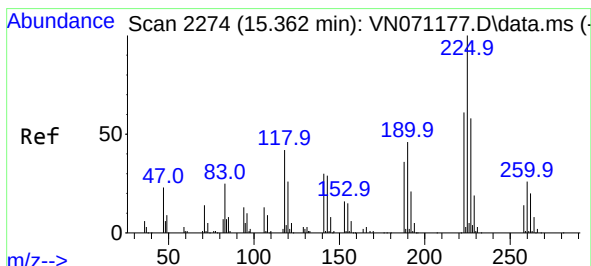
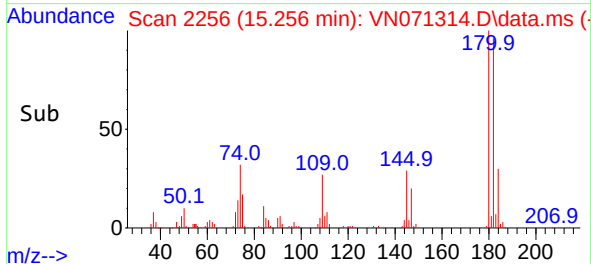
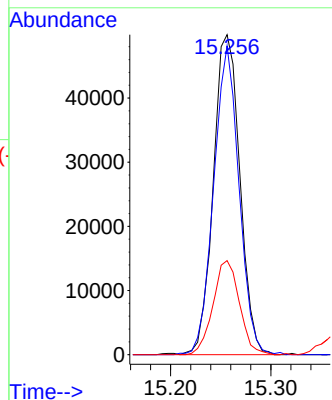
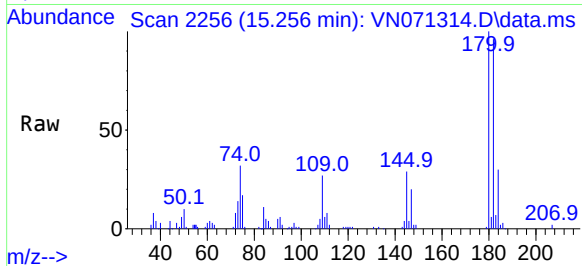




#93
1,2,4-Trichlorobenzene
Concen: 18.876 ug/l
RT: 15.256 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

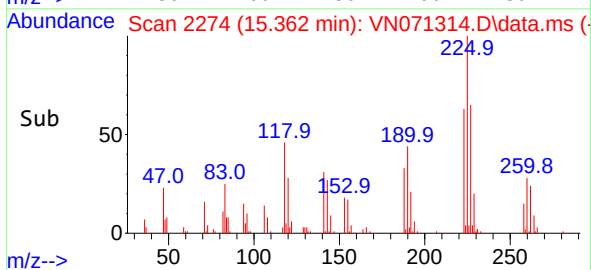
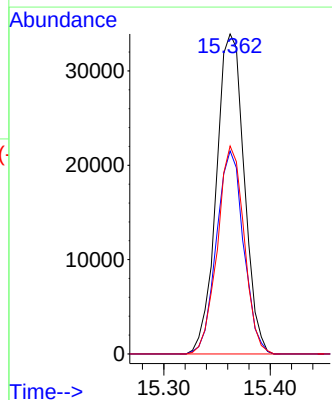
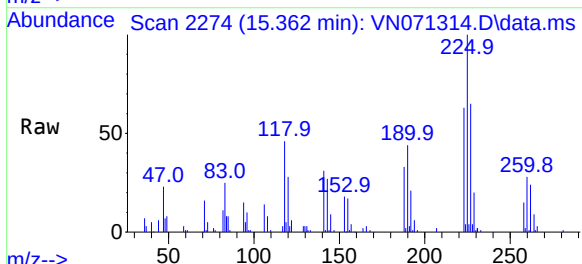
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01

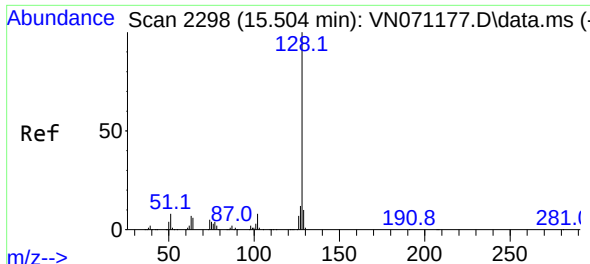
Tgt Ion:180 Resp: 91564
Ion Ratio Lower Upper
180 100
182 92.3 48.3 144.9
145 29.3 14.5 43.5



#94
Hexachlorobutadiene
Concen: 18.860 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

Tgt Ion:225 Resp: 61476
Ion Ratio Lower Upper
225 100
223 61.9 31.9 95.7
227 62.1 32.1 96.3

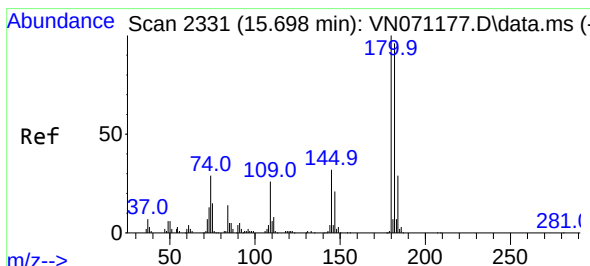
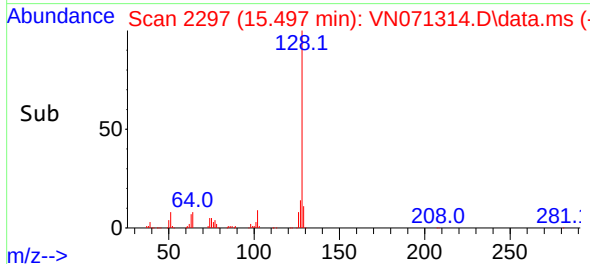
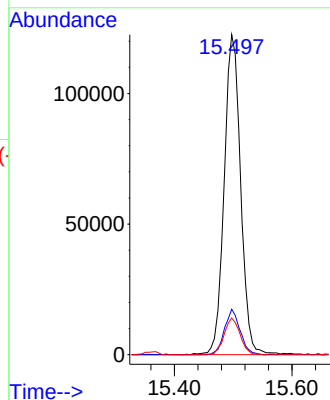
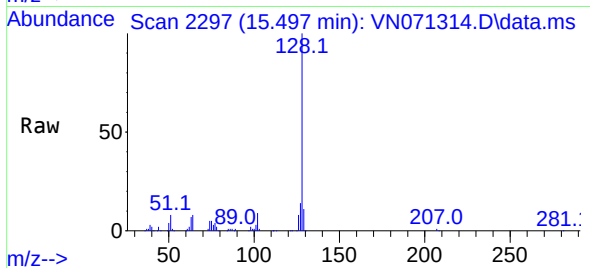




#95
Naphthalene
Concen: 19.198 ug/l
RT: 15.497 min Scan# 21
Delta R.T. -0.007 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0316MBSD01

Tgt Ion:128 Resp: 238346
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.432 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.006 min
Lab File: VN071314.D
Acq: 16 Mar 2022 12:29

Tgt Ion:180 Resp: 91703
Ion Ratio Lower Upper
180 100
182 92.0 47.4 142.2
145 30.9 15.0 45.1

