

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062122\
 Data File : VN073016.D
 Acq On : 22 Jun 2022 10:08
 Operator : JC\MD
 Sample : N3299-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COM-4

Quant Time: Jun 23 16:57:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	26476	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.904	114	81819	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	45705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	12142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	163023	455.437	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	910.880%#
35) Dibromofluoromethane	7.945	113	399	0.789	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	1.580%#
50) Toluene-d8	10.375	98	69910	37.151	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	74.300%#
62) 4-Bromofluorobenzene	12.669	95	18859	27.871	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	55.740%#
Target Compounds						
					Qvalue	
3) Chloromethane	2.263	50	170	1.190	ug/l	# 43
5) Bromomethane	2.763	94	74	0.832	ug/l	# 2
6) Chloroethane	3.004	64	341	2.411	ug/l	# 42
8) Diethyl Ether	3.769	74	137	0.721	ug/l	# 1
11) Tert butyl alcohol	5.240	59	5410	58.510	ug/l	# 72
13) Acrolein	3.999	56	169	4.641	ug/l	# 16
14) Allyl chloride	4.763	41	214	0.395	ug/l	# 24
16) Acetone	4.228	43	96346	489.658	ug/l	94
17) Carbon Disulfide	4.446	76	403	0.621	ug/l	# 75
18) Methyl Acetate	4.787	43	7443	14.205	ug/l	# 82
20) Methylene Chloride	5.016	84	16267	53.316	ug/l	96
22) Diisopropyl ether	6.492	45	794	0.786	ug/l	# 1
23) Vinyl Acetate	6.498	43	4299	4.613	ug/l	# 68
25) 2-Butanone	7.269	43	9729	31.160	ug/l	# 86
26) 2,2-Dichloropropane	7.234	77	4109	8.876	ug/l	# 53
29) Tetrahydrofuran	7.628	42	849	4.118	ug/l	# 58
31) Cyclohexane	8.016	56	747	1.543	ug/l	# 70
37) Ethyl Acetate	7.269	43	9729	8.889	ug/l	# 67
38) Carbon Tetrachloride	8.010	117	2723	3.783	ug/l	# 12
40) Benzene	8.386	78	983	0.457	ug/l	# 84
43) Isopropyl Acetate	8.357	43	884	0.565	ug/l	# 1
48) Methyl methacrylate	9.481	41	9854	13.795	ug/l	# 22
51) 4-Methyl-2-Pentanone	10.269	43	7634	7.482	ug/l	# 88
59) 2-Hexanone	10.992	43	15076	19.105	ug/l	# 21
67) Ethyl Benzene	11.786	91	854	0.544	ug/l	91
68) m/p-Xylenes	11.886	106	1071	1.738	ug/l	92
71) Bromoform	12.663	173	137	0.535	ug/l	# 28
74) N-amyl acetate	12.286	43	1536	3.151	ug/l	# 51
75) 1,1,2,2-Tetrachloroethane	12.804	83	70	0.207	ug/l	# 25
76) 1,2,3-Trichloropropane	12.669	75	10113	34.353	ug/l	# 1
77) Bromobenzene	13.069	156	66	0.293	ug/l	# 1
78) n-propylbenzene	12.869	91	393	0.380	ug/l	# 52
79) 2-Chlorotoluene	13.057	91	137	0.205	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.669	75	10113	92.776	ug/l	# 10
82) 4-Chlorotoluene	13.057	91	137	0.216	ug/l	90
84) 1,2,4-Trimethylbenzene	13.304	105	719	0.936	ug/l	# 30

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 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

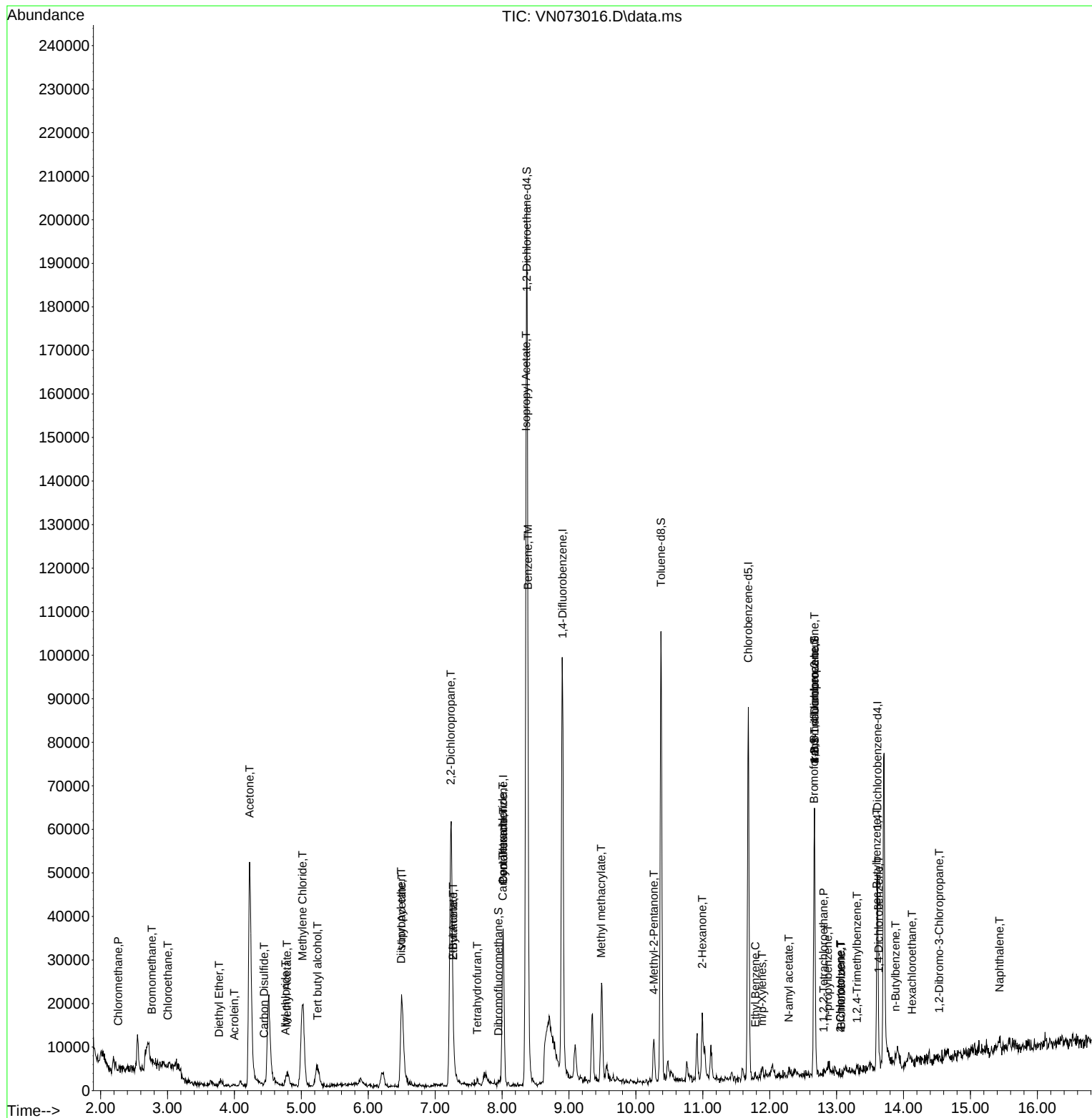
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.598	105	283	0.300	ug/l	96
88) 1,4-Dichlorobenzene	13.627	146	161	0.396	ug/l #	45
89) n-Butylbenzene	13.880	91	177	0.284	ug/l #	32
90) Hexachloroethane	14.127	117	55	0.382	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.533	75	56	0.574	ug/l #	1
95) Naphthalene	15.433	128	1947	2.076	ug/l #	80

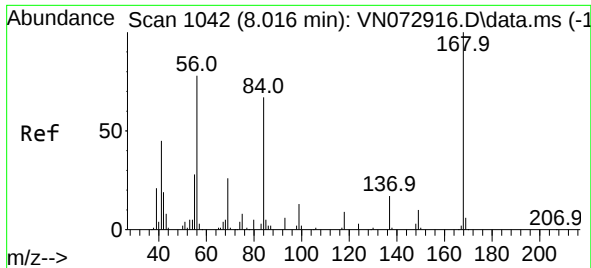
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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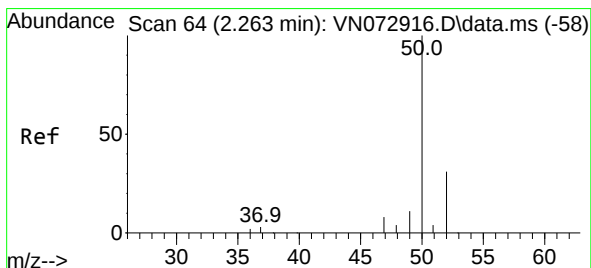
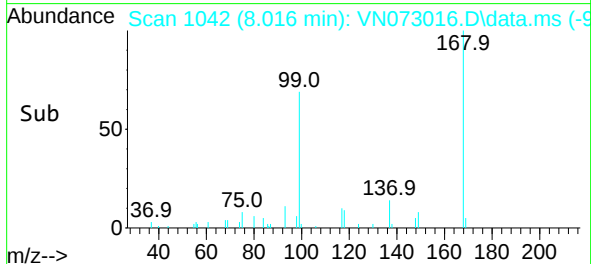
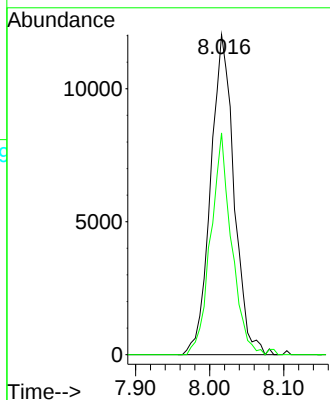
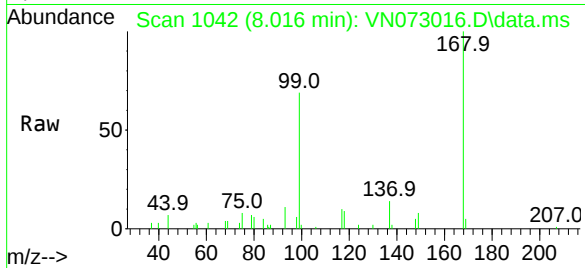




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073016.D
Acq: 22 Jun 2022 10:08

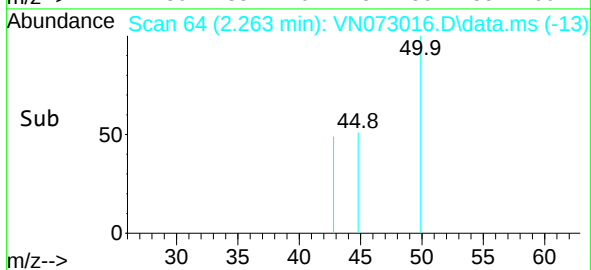
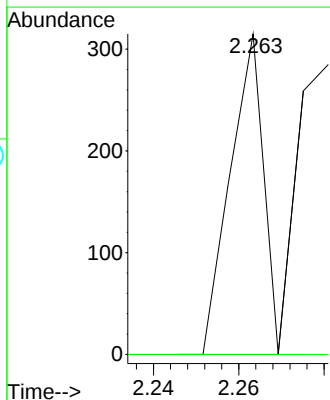
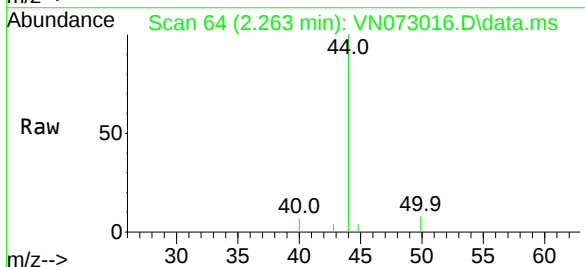
Instrument :
MSVOA_N
ClientSampleId :
COM-4

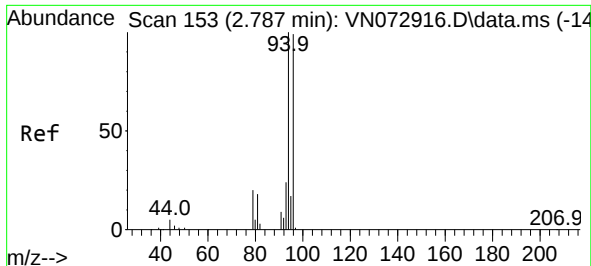
Tgt Ion:168 Resp: 26476
Ion Ratio Lower Upper
168 100
99 69.3 42.3 63.5#



#3
Chloromethane
Concen: 1.190 ug/l
RT: 2.263 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN073016.D
Acq: 22 Jun 2022 10:08

Tgt Ion: 50 Resp: 170
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

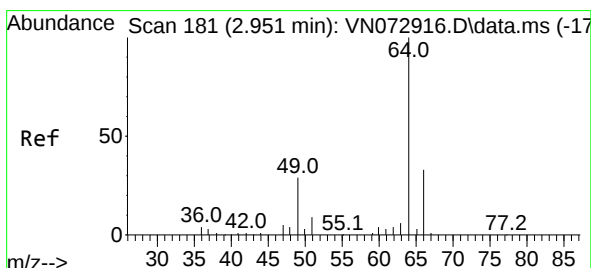
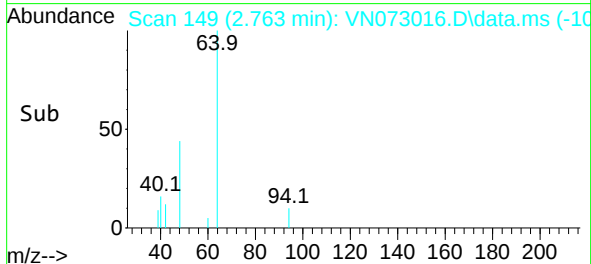
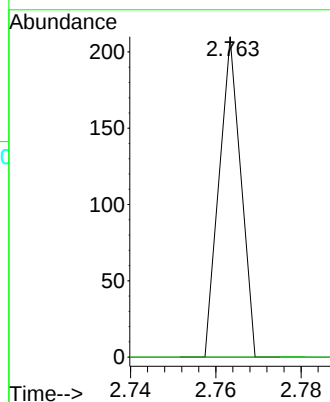
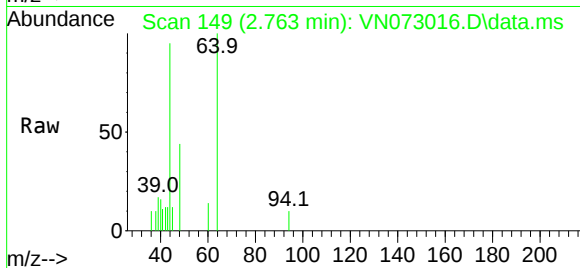




#5
Bromomethane
Concen: 0.832 ug/l
RT: 2.763 min Scan# 14
Delta R.T. -0.024 min
Lab File: VN073016.D
Acq: 22 Jun 2022 10:08

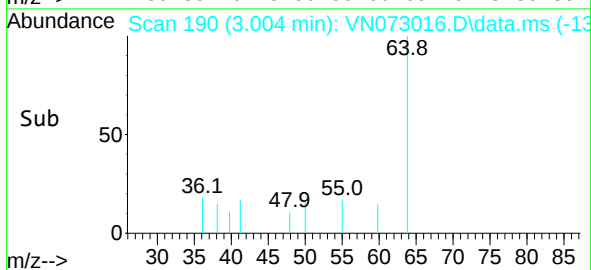
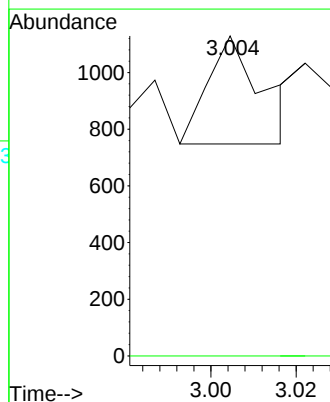
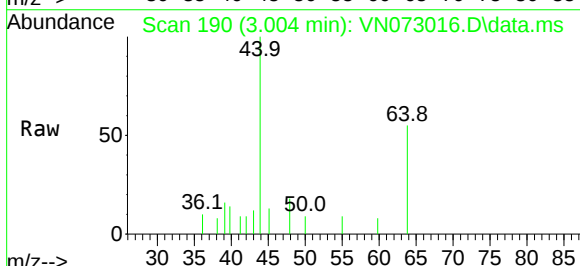
Instrument :
MSVOA_N
ClientSampleId :
COM-4

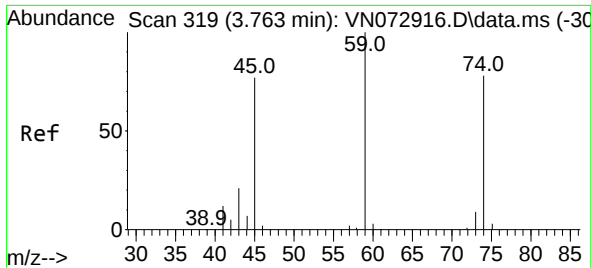
Tgt Ion: 94 Resp: 74
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#



#6
Chloroethane
Concen: 2.411 ug/l
RT: 3.004 min Scan# 190
Delta R.T. 0.053 min
Lab File: VN073016.D
Acq: 22 Jun 2022 10:08

Tgt Ion: 64 Resp: 341
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

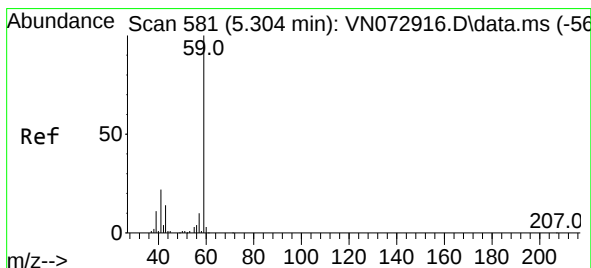
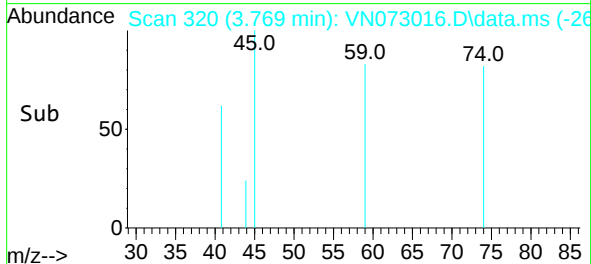
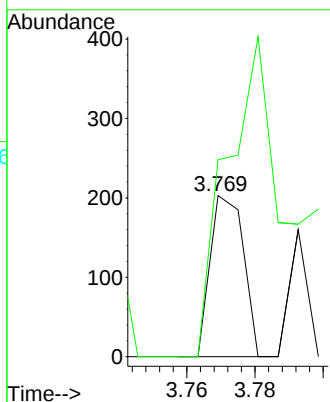
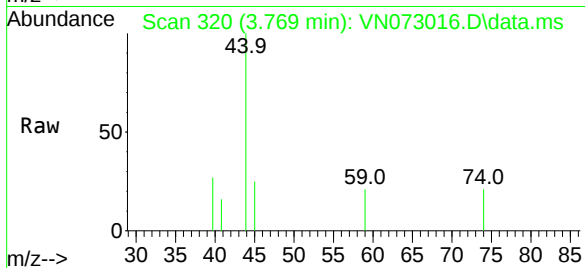




#8
Diethyl Ether
Concen: 0.721 ug/l
RT: 3.769 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN073016.D
Acq: 22 Jun 2022 10:08

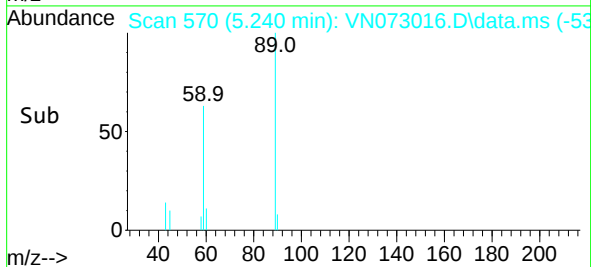
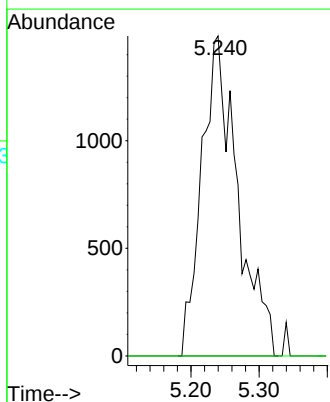
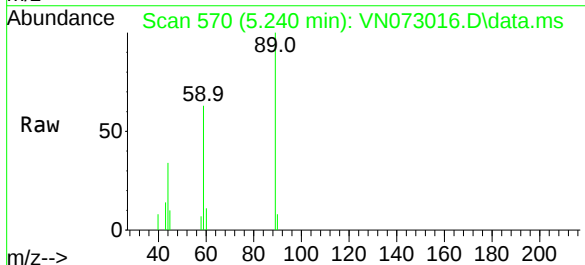
Instrument :
MSVOA_N
ClientSampleId :
COM-4

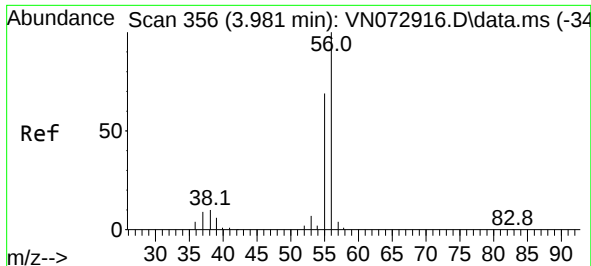
Tgt Ion: 74 Resp: 137
Ion Ratio Lower Upper
74 100
45 419.7 42.9 128.5#



#11
Tert butyl alcohol
Concen: 58.510 ug/l
RT: 5.240 min Scan# 570
Delta R.T. -0.065 min
Lab File: VN073016.D
Acq: 22 Jun 2022 10:08

Tgt Ion: 59 Resp: 5410
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

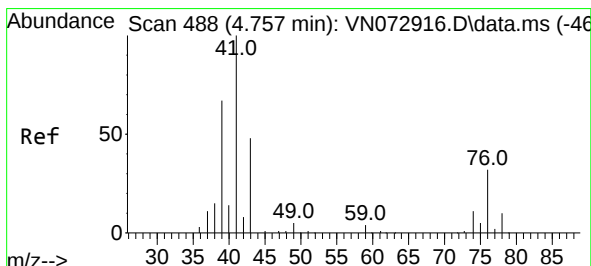
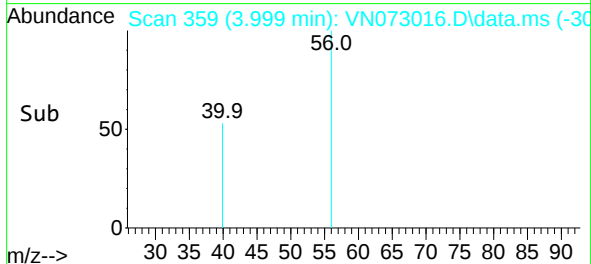
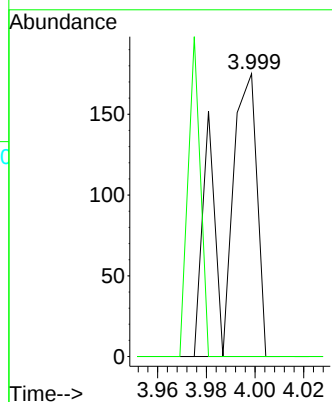
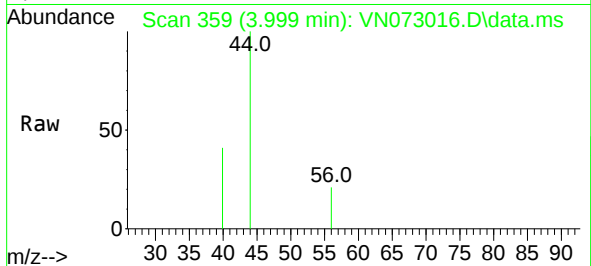




#13
Acrolein
Concen: 4.641 ug/l
RT: 3.999 min Scan# 31
Delta R.T. 0.018 min
Lab File: VN073016.D
Acq: 22 Jun 2022 10:08

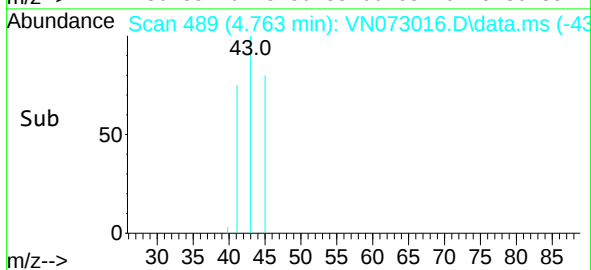
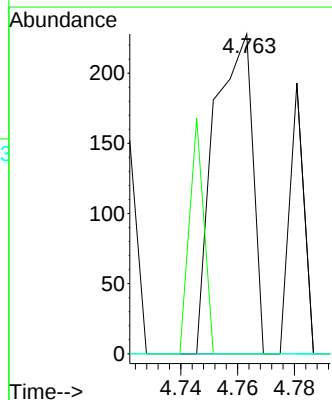
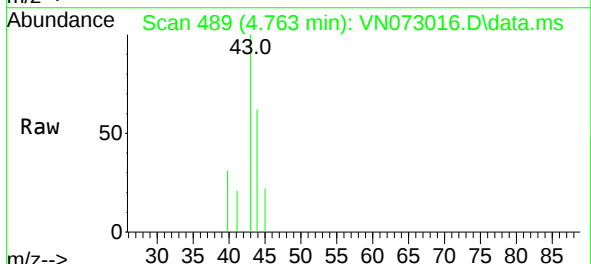
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MSVOA_N
ClientSampleId :
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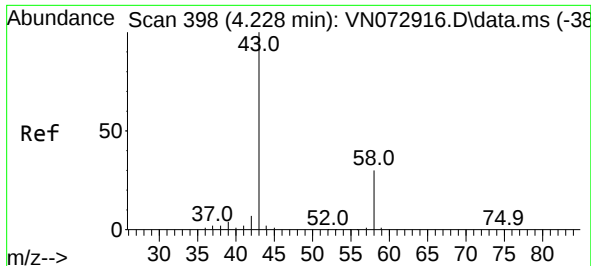
Tgt Ion: 56 Resp: 169
Ion Ratio Lower Upper
56 100
55 0.0 54.8 82.2#



#14
Allyl chloride
Concen: 0.395 ug/l
RT: 4.763 min Scan# 489
Delta R.T. 0.006 min
Lab File: VN073016.D
Acq: 22 Jun 2022 10:08

Tgt Ion: 41 Resp: 214
Ion Ratio Lower Upper
41 100
39 0.0 53.2 79.8#
76 0.0 29.9 44.9#

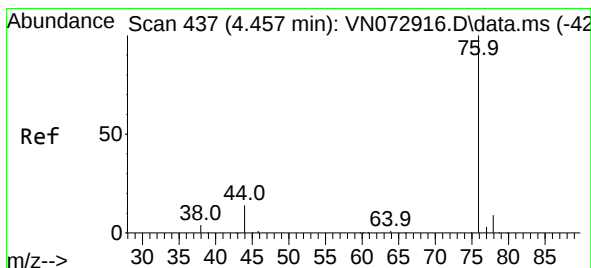
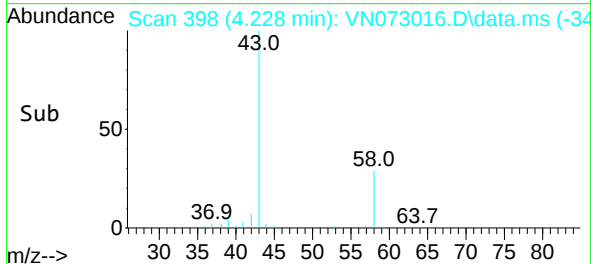
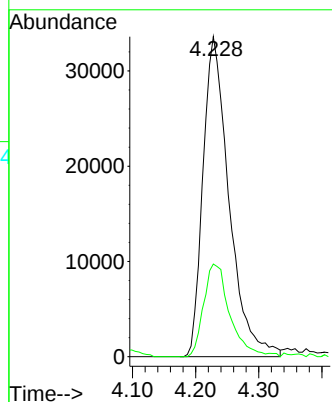
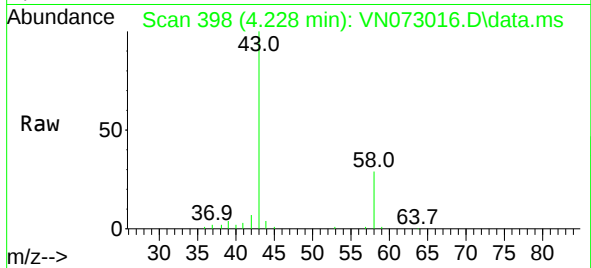




#16
Acetone
Concen: 489.658 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.000 min
Lab File: VN073016.D
Acq: 22 Jun 2022 10:08

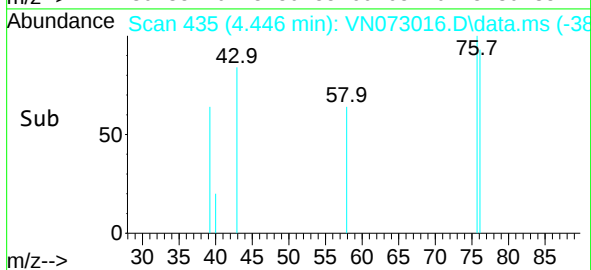
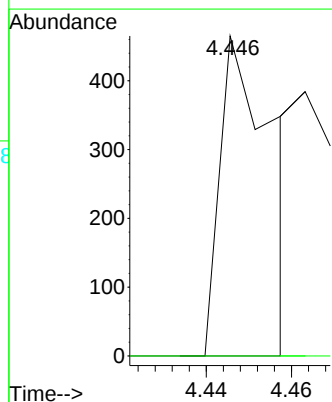
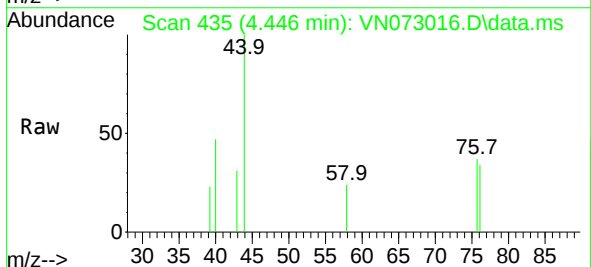
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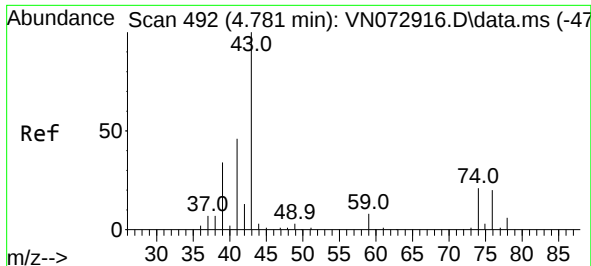
Tgt Ion: 43 Resp: 96346
Ion Ratio Lower Upper
43 100
58 29.0 26.0 39.0



#17
Carbon Disulfide
Concen: 0.621 ug/l
RT: 4.446 min Scan# 435
Delta R.T. -0.012 min
Lab File: VN073016.D
Acq: 22 Jun 2022 10:08

Tgt Ion: 76 Resp: 403
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

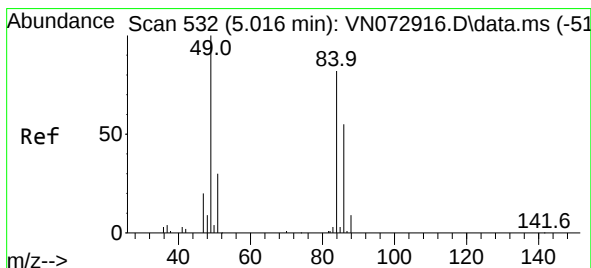
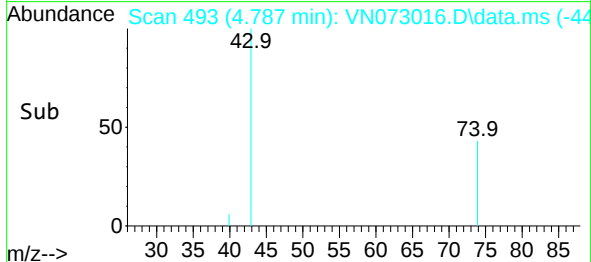
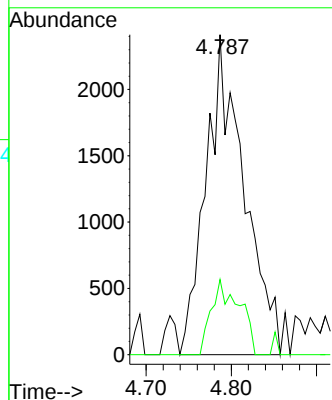
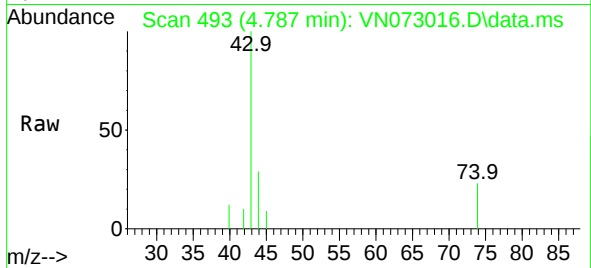




#18
Methyl Acetate
Concen: 14.205 ug/l
RT: 4.787 min Scan# 492
Delta R.T. 0.006 min
Lab File: VN073016.D
Acq: 22 Jun 2022 10:08

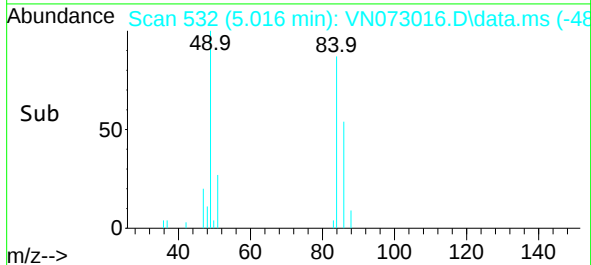
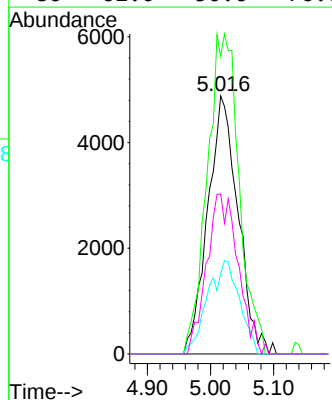
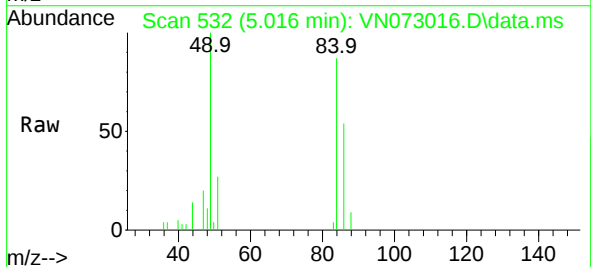
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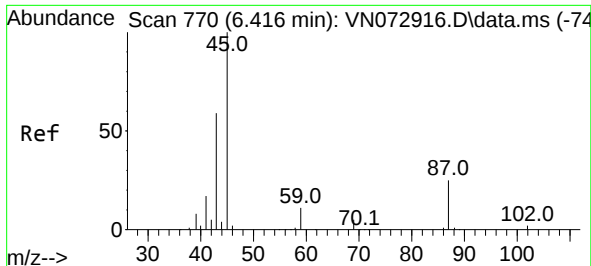
Tgt Ion: 43 Resp: 7443
Ion Ratio Lower Upper
43 100
74 17.5 21.6 32.4#



#20
Methylene Chloride
Concen: 53.316 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.000 min
Lab File: VN073016.D
Acq: 22 Jun 2022 10:08

Tgt Ion: 84 Resp: 16267
Ion Ratio Lower Upper
84 100
49 115.5 88.3 132.5
51 31.2 28.2 42.2
86 62.0 50.6 76.0

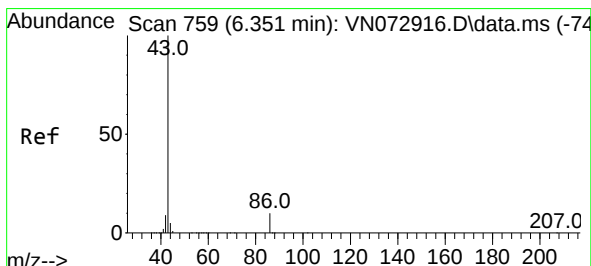
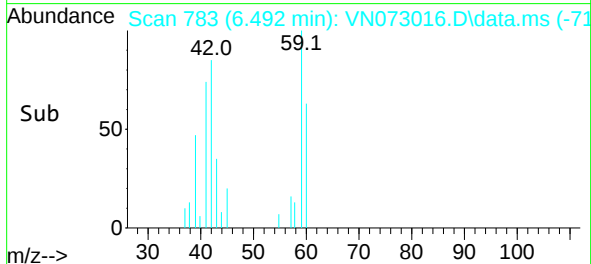
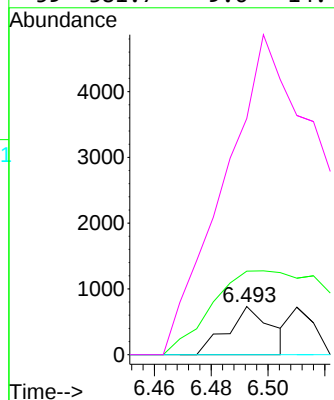
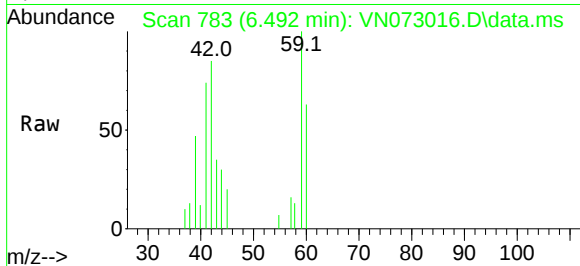




#22
Diisopropyl ether
Concen: 0.786 ug/l
RT: 6.492 min Scan# 770
Delta R.T. 0.077 min
Lab File: VN073016.D
Acq: 22 Jun 2022 10:08

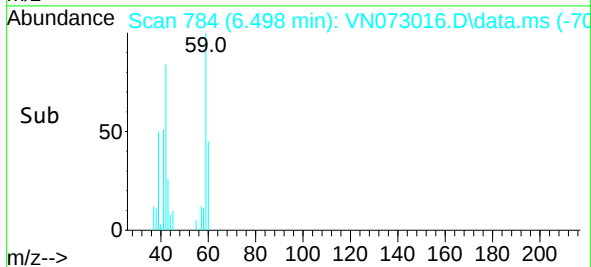
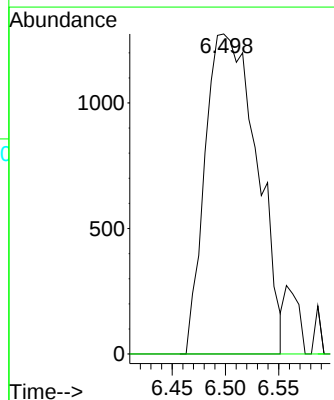
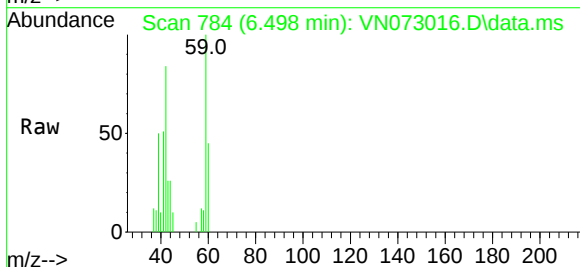
Instrument :
MSVOA_N
ClientSampleId :
COM-4

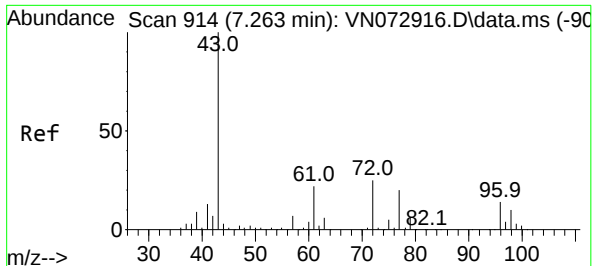
Tgt Ion:	45	Resp:	794
Ion	Ratio	Lower	Upper
45	100		
43	140.6	46.6	70.0#
87	0.0	24.3	36.5#
59	381.7	9.6	14.4#



#23
Vinyl Acetate
Concen: 4.613 ug/l
RT: 6.498 min Scan# 784
Delta R.T. 0.147 min
Lab File: VN073016.D
Acq: 22 Jun 2022 10:08

Tgt Ion:	43	Resp:	4299
Ion	Ratio	Lower	Upper
43	100		
86	0.0	10.0	15.0#





#25

2-Butanone

Concen: 31.160 ug/l

RT: 7.269 min Scan# 914

Delta R.T. 0.006 min

Lab File: VN073016.D

Acq: 22 Jun 2022 10:08

Instrument :

MSVOA_N

ClientSampleId :

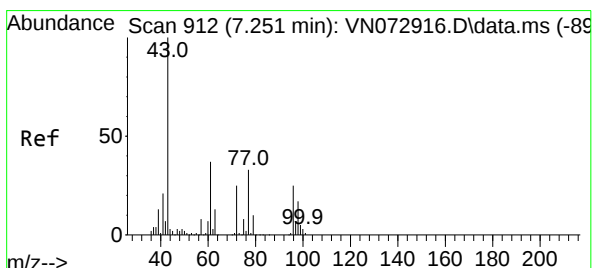
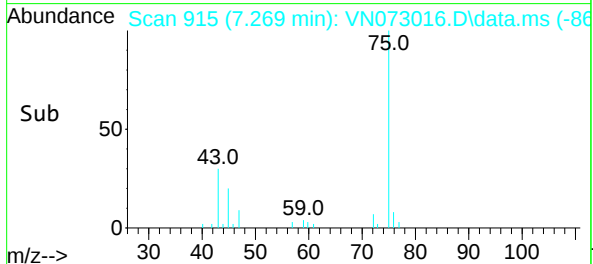
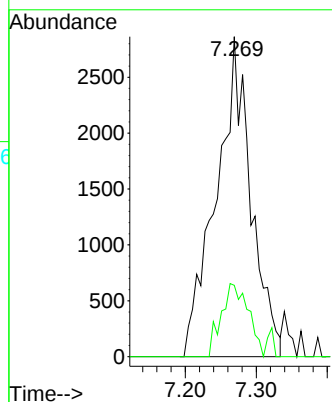
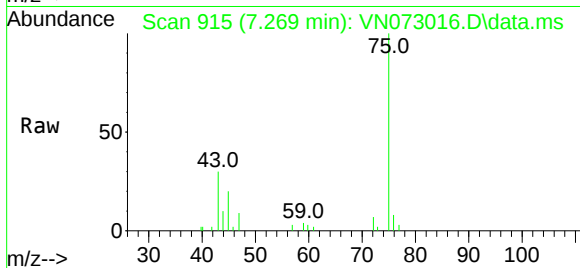
COM-4

Tgt Ion: 43 Resp: 9729

Ion Ratio Lower Upper

43 100

72 22.3 23.7 35.5#



#26

2,2-Dichloropropane

Concen: 8.876 ug/l

RT: 7.234 min Scan# 909

Delta R.T. -0.017 min

Lab File: VN073016.D

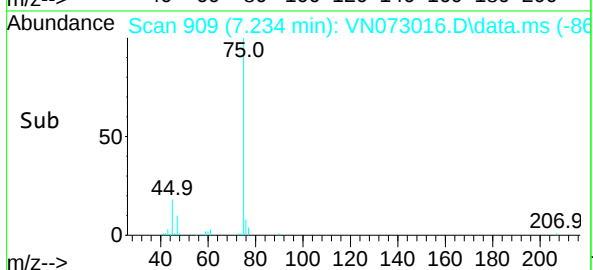
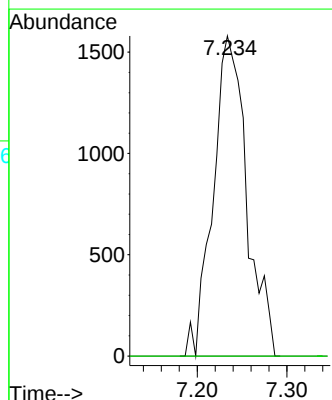
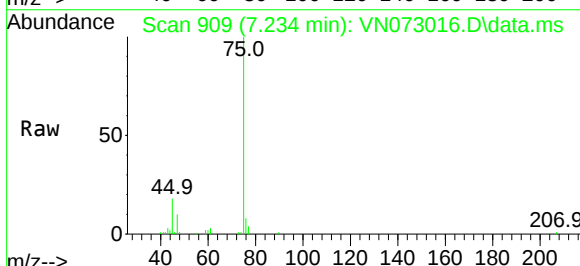
Acq: 22 Jun 2022 10:08

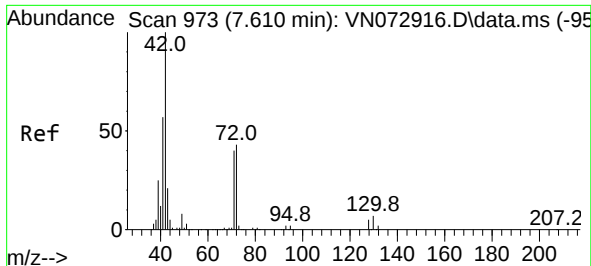
Tgt Ion: 77 Resp: 4109

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#





#29

Tetrahydrofuran

Concen: 4.118 ug/l

RT: 7.628 min Scan# 91

Delta R.T. 0.018 min

Lab File: VN073016.D

Acq: 22 Jun 2022 10:08

Instrument :

MSVOA_N

ClientSampleId :

COM-4

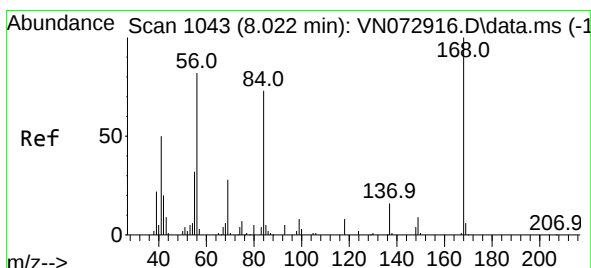
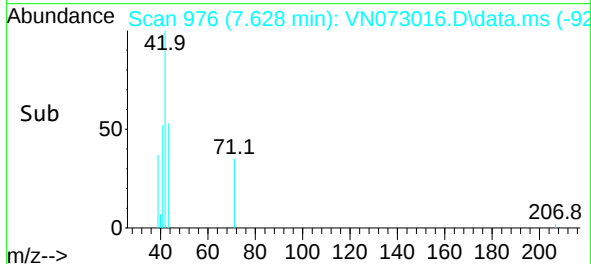
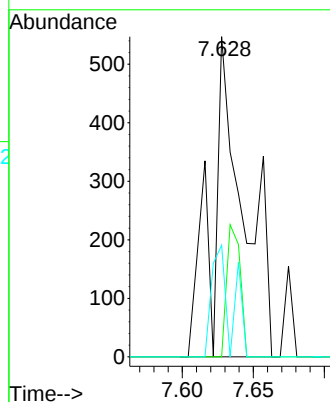
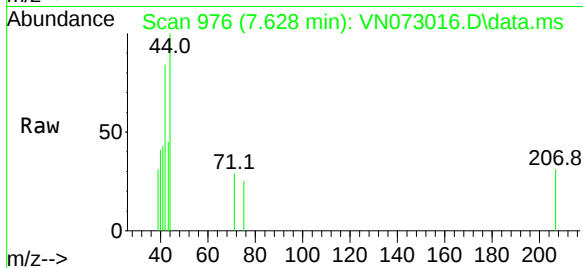
Tgt Ion: 42 Resp: 849

Ion Ratio Lower Upper

42 100

72 17.4 39.7 59.5#

71 21.3 36.6 55.0#



#31

Cyclohexane

Concen: 1.543 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VN073016.D

Acq: 22 Jun 2022 10:08

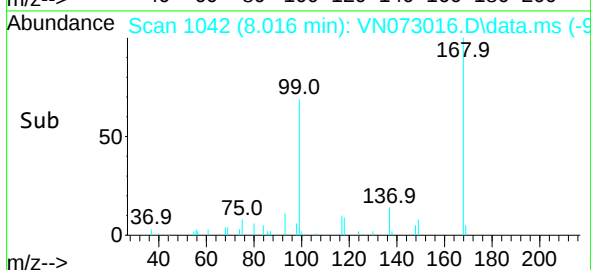
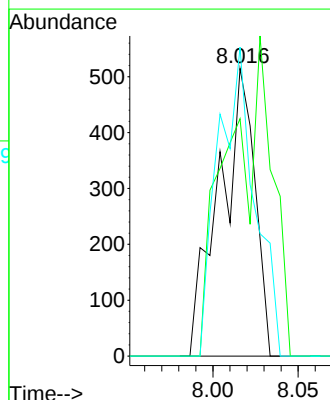
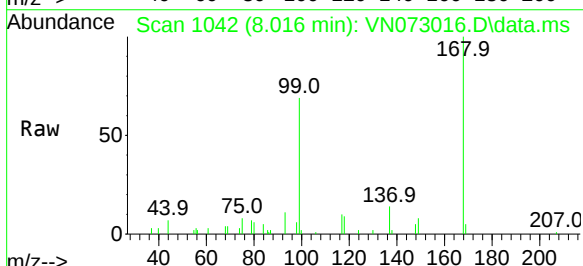
Tgt Ion: 56 Resp: 747

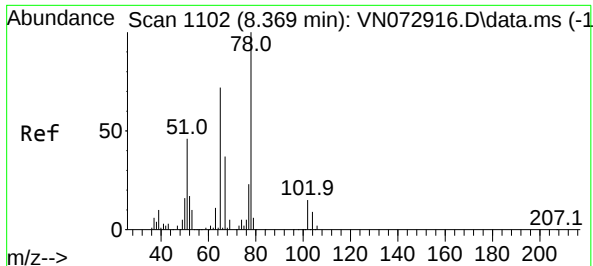
Ion Ratio Lower Upper

56 100

69 82.5 27.8 41.8#

84 107.4 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 455.437 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073016.D

Acq: 22 Jun 2022 10:08

Instrument :

MSVOA_N

ClientSampleId :

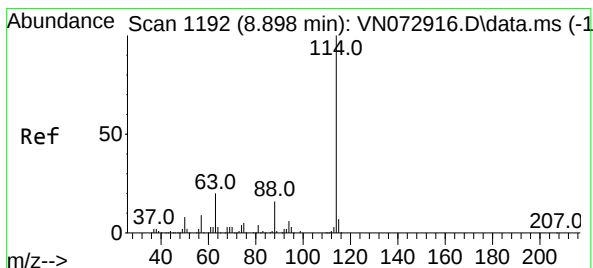
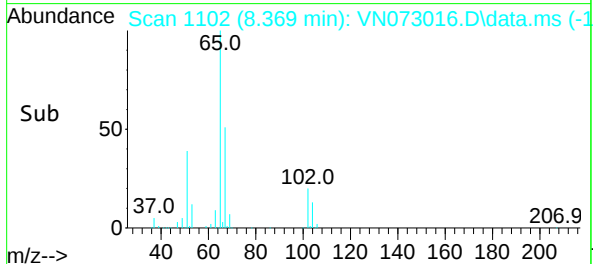
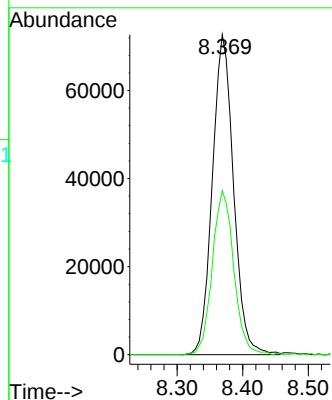
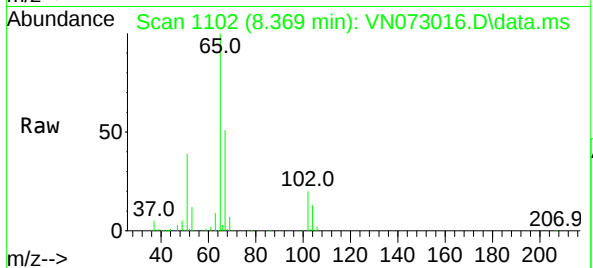
COM-4

Tgt Ion: 65 Resp: 163023

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073016.D

Acq: 22 Jun 2022 10:08

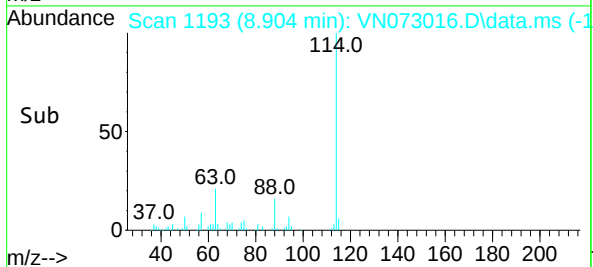
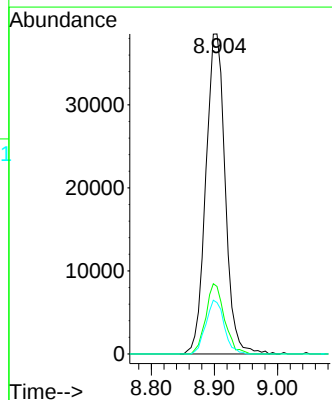
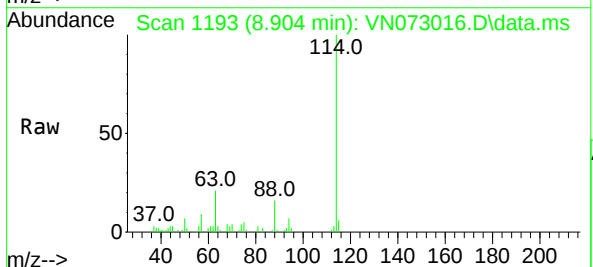
Tgt Ion: 114 Resp: 81819

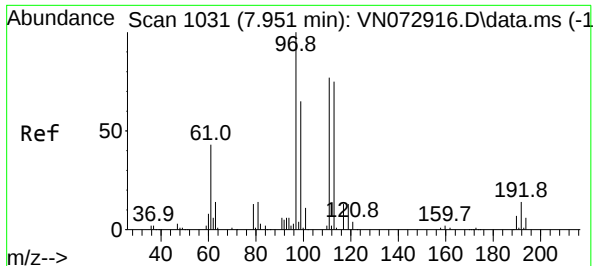
Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.0

88 16.1 0.0 32.6

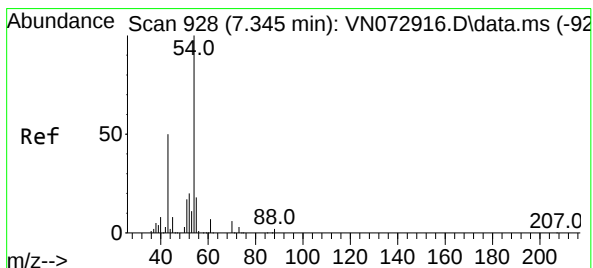
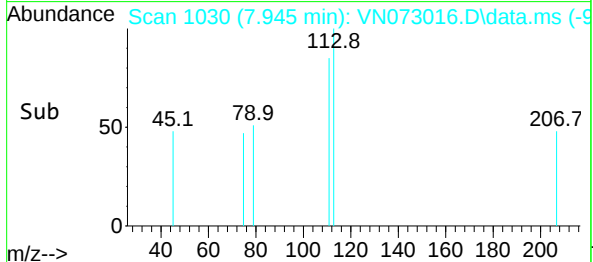
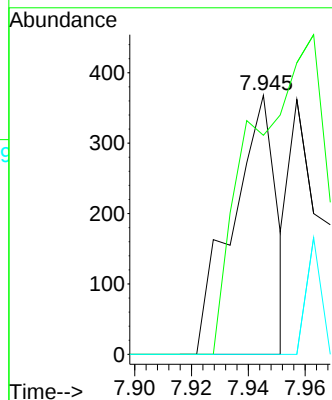
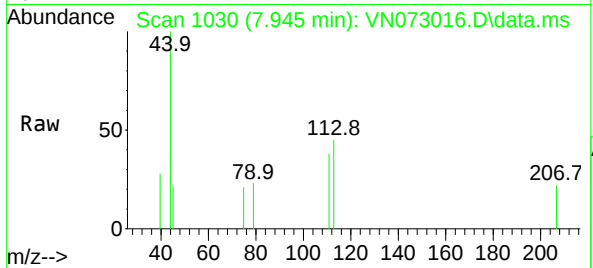




#35
Dibromofluoromethane
Concen: 0.789 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VN073016.D
Acq: 22 Jun 2022 10:08

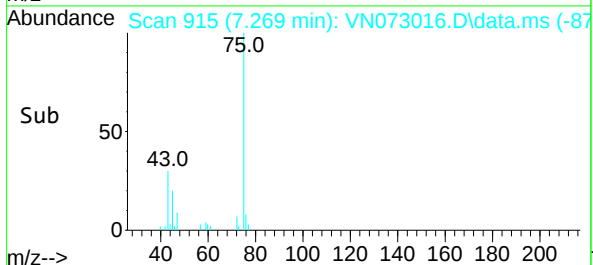
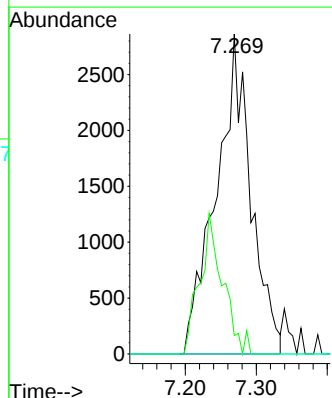
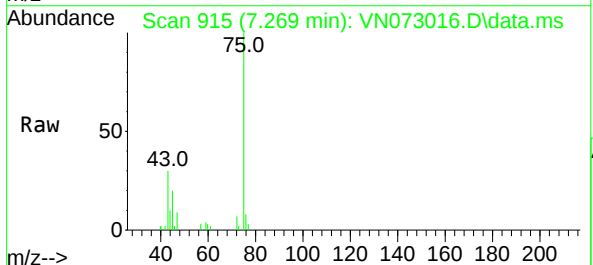
Instrument :
MSVOA_N
ClientSampleId :
COM-4

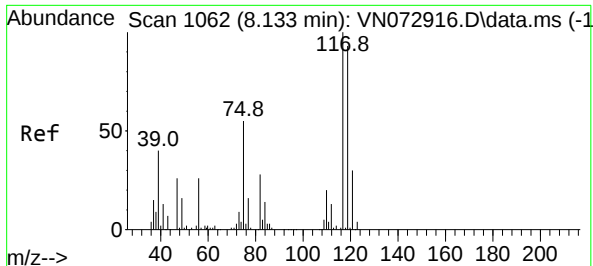
Tgt Ion:113 Resp: 399
Ion Ratio Lower Upper
113 100
111 222.8 81.4 122.0#
192 14.8 17.0 25.6#



#37
Ethyl Acetate
Concen: 8.889 ug/l
RT: 7.269 min Scan# 915
Delta R.T. -0.076 min
Lab File: VN073016.D
Acq: 22 Jun 2022 10:08

Tgt Ion: 43 Resp: 9729
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 9.3 13.9#

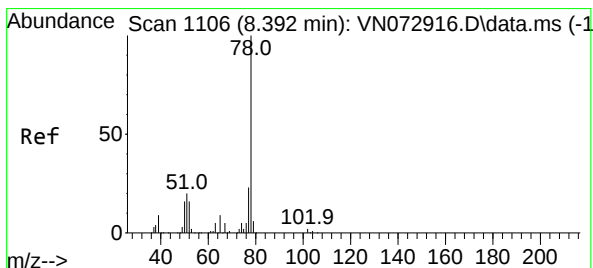
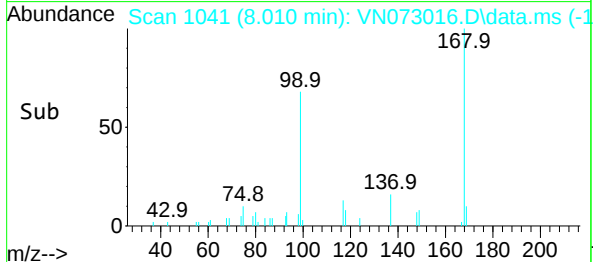
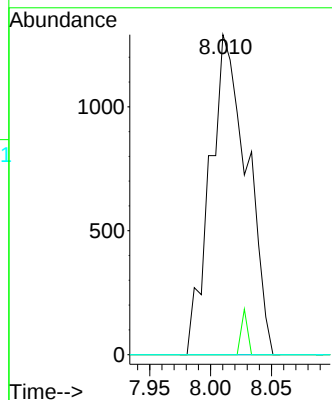
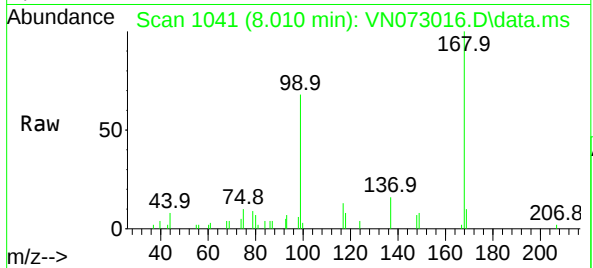




#38
Carbon Tetrachloride
Concen: 3.783 ug/l
RT: 8.010 min Scan# 1105
Delta R.T. -0.123 min
Lab File: VN073016.D
Acq: 22 Jun 2022 10:08

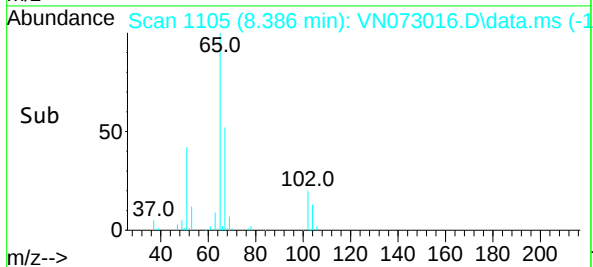
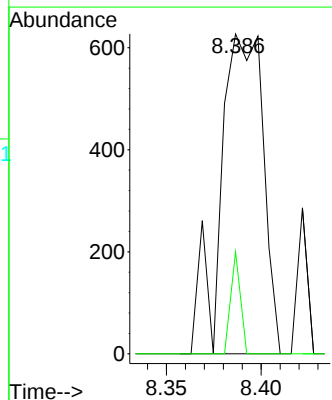
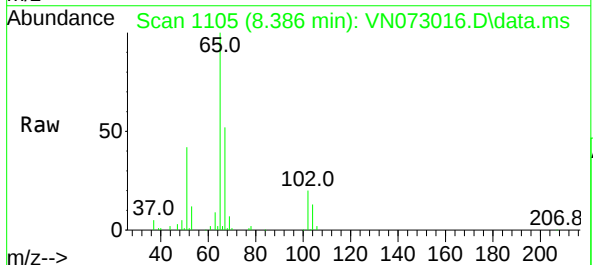
Instrument :
MSVOA_N
ClientSampleId :
COM-4

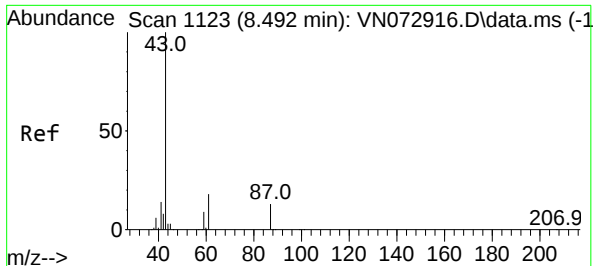
Tgt Ion:117 Resp: 2723
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.8#
121 0.0 24.6 37.0#



#40
Benzene
Concen: 0.457 ug/l
RT: 8.386 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VN073016.D
Acq: 22 Jun 2022 10:08

Tgt Ion: 78 Resp: 983
Ion Ratio Lower Upper
78 100
77 31.9 19.4 29.0#

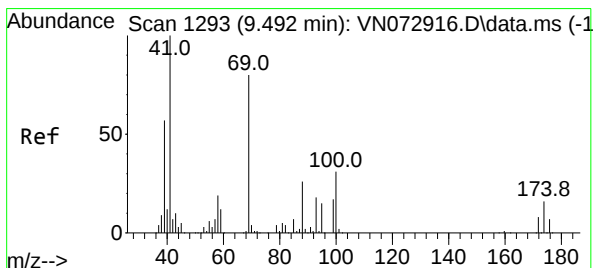
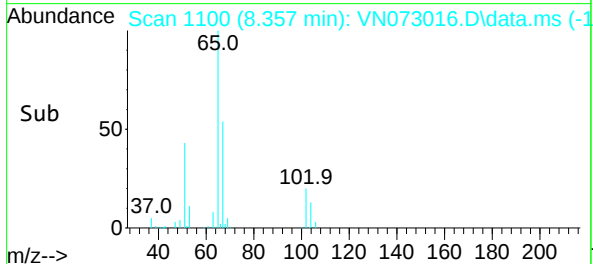
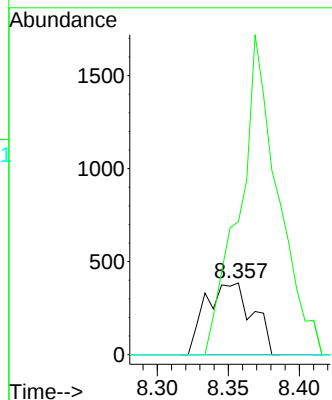
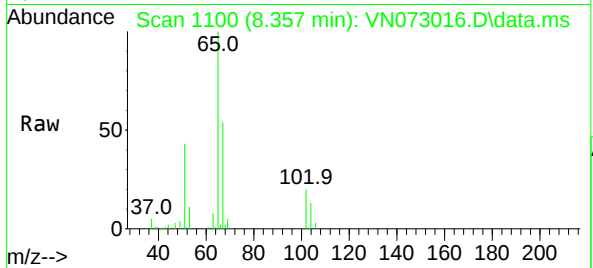




#43
Isopropyl Acetate
Concen: 0.565 ug/l
RT: 8.357 min Scan# 1100
Delta R.T. -0.135 min
Lab File: VN073016.D
Acq: 22 Jun 2022 10:08

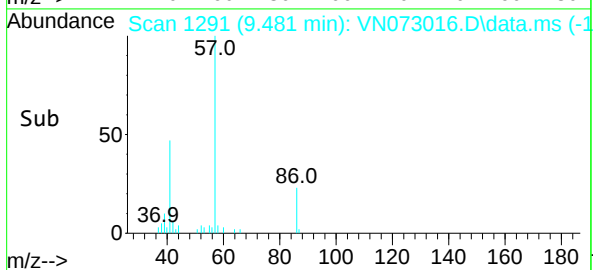
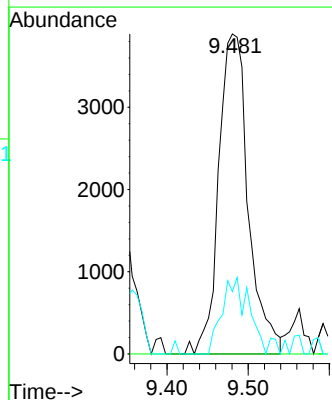
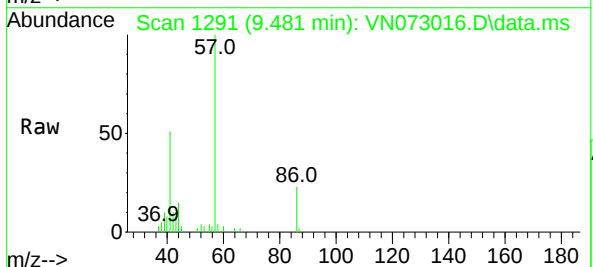
Instrument :
MSVOA_N
ClientSampleId :
COM-4

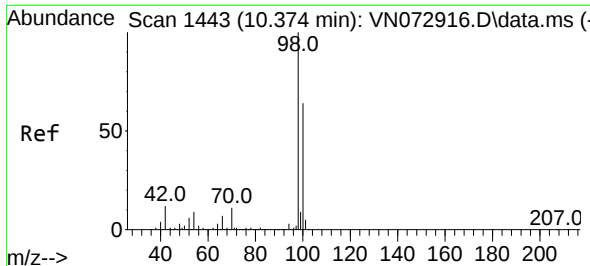
Tgt Ion: 43 Resp: 884
Ion Ratio Lower Upper
43 100
61 368.4 21.9 32.9#
87 0.0 12.0 18.0#



#48
Methyl methacrylate
Concen: 13.795 ug/l
RT: 9.481 min Scan# 1291
Delta R.T. -0.012 min
Lab File: VN073016.D
Acq: 22 Jun 2022 10:08

Tgt Ion: 41 Resp: 9854
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 21.6 45.6 68.4#

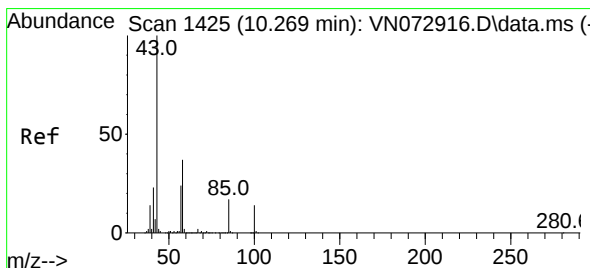
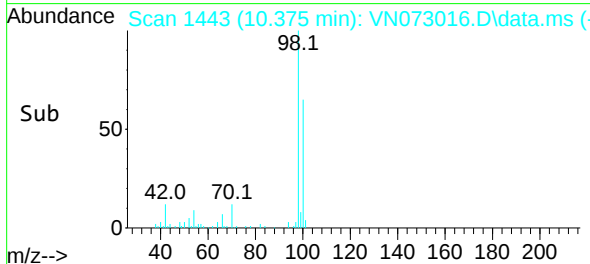
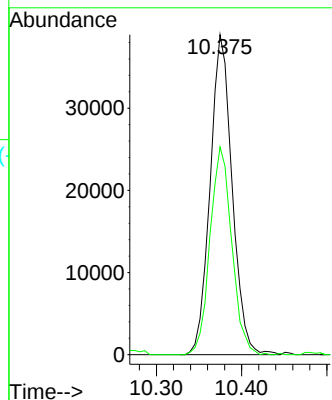
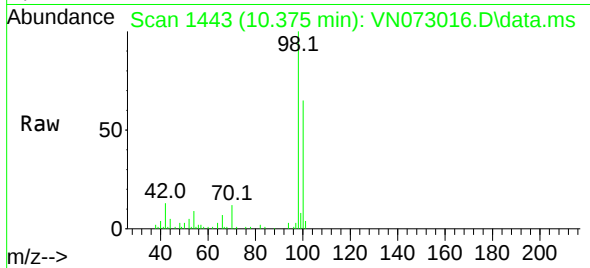




#50
Toluene-d8
Concen: 37.151 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073016.D
Acq: 22 Jun 2022 10:08

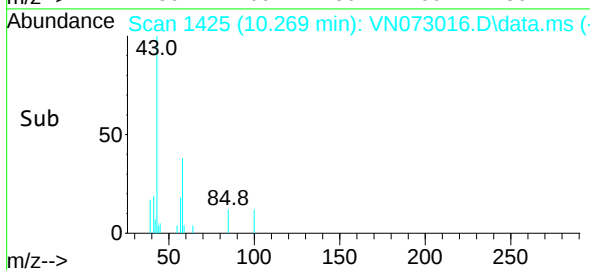
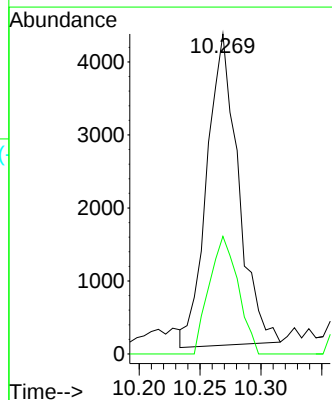
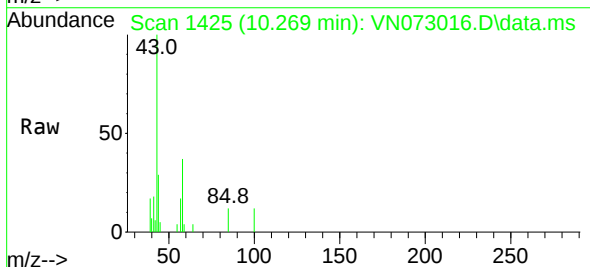
Instrument :
MSVOA_N
ClientSampleId :
COM-4

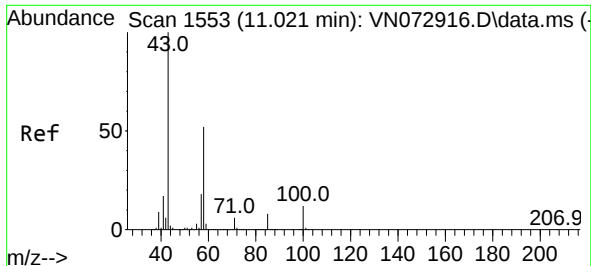
Tgt Ion: 98 Resp: 69910
Ion Ratio Lower Upper
98 100
100 64.0 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 7.482 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN073016.D
Acq: 22 Jun 2022 10:08

Tgt Ion: 43 Resp: 7634
Ion Ratio Lower Upper
43 100
58 34.8 34.1 51.1

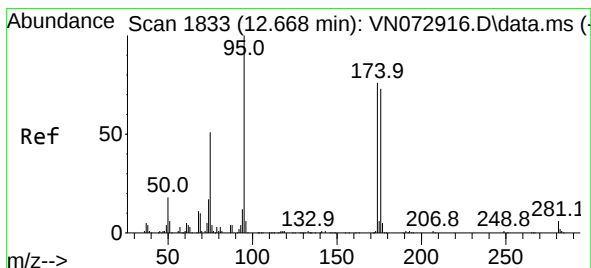
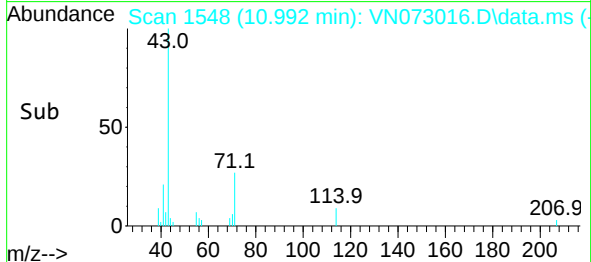
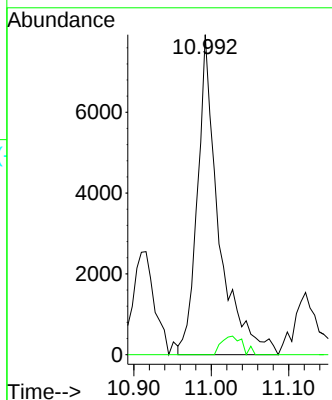
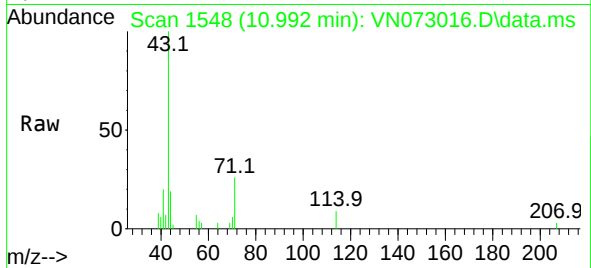




#59
2-Hexanone
Concen: 19.105 ug/l
RT: 10.992 min Scan# 1548
Delta R.T. -0.029 min
Lab File: VN073016.D
Acq: 22 Jun 2022 10:08

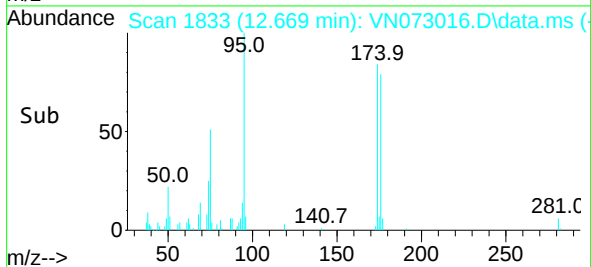
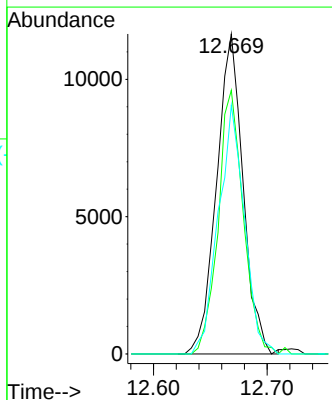
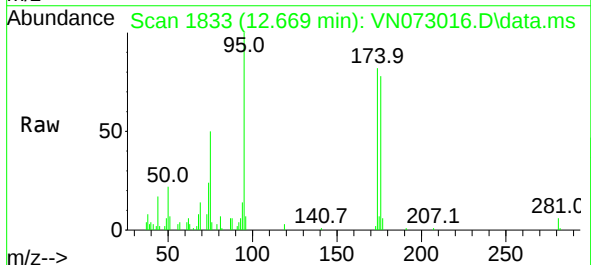
Instrument :
MSVOA_N
ClientSampleId :
COM-4

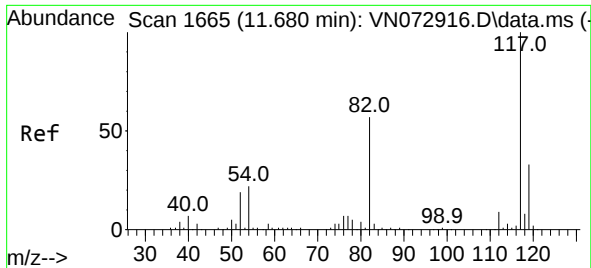
Tgt Ion: 43 Resp: 15076
Ion Ratio Lower Upper
43 100
58 0.0 29.7 89.1#



#62
4-Bromofluorobenzene
Concen: 27.871 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073016.D
Acq: 22 Jun 2022 10:08

Tgt Ion: 95 Resp: 18859
Ion Ratio Lower Upper
95 100
174 78.6 0.0 167.6
176 76.5 0.0 163.4

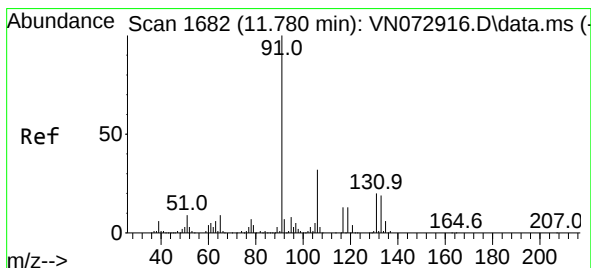
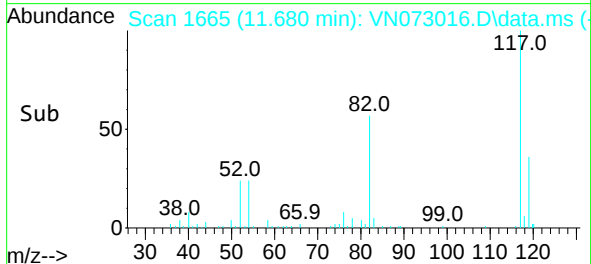
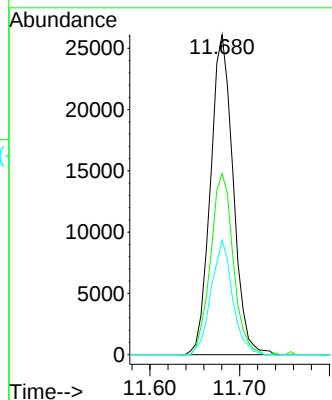
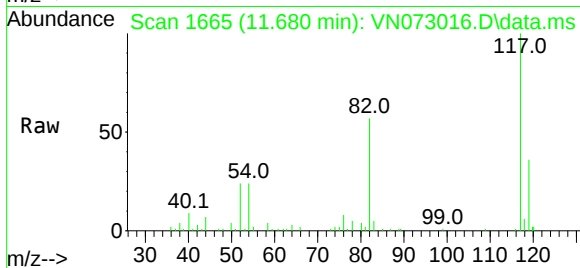




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073016.D
Acq: 22 Jun 2022 10:08

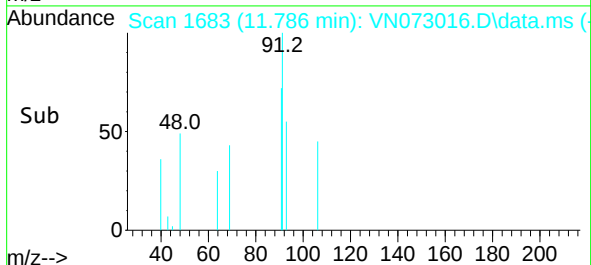
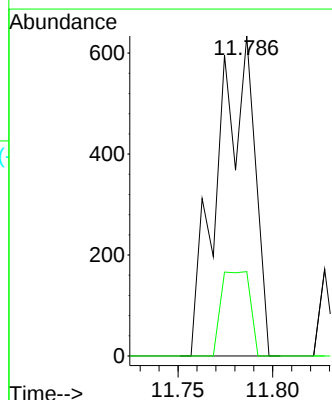
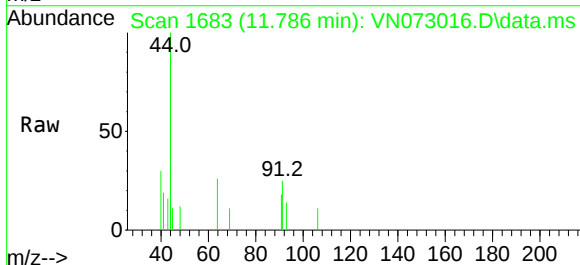
Instrument :
MSVOA_N
ClientSampleId :
COM-4

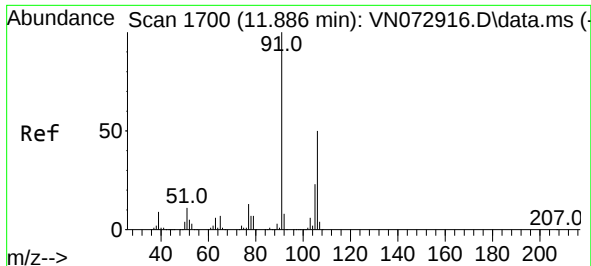
Tgt Ion:117 Resp: 45705
Ion Ratio Lower Upper
117 100
82 56.6 44.2 66.2
119 35.9 25.4 38.0



#67
Ethyl Benzene
Concen: 0.544 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VN073016.D
Acq: 22 Jun 2022 10:08

Tgt Ion: 91 Resp: 854
Ion Ratio Lower Upper
91 100
106 26.3 24.9 37.3

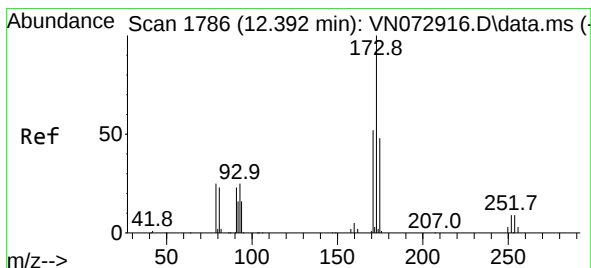
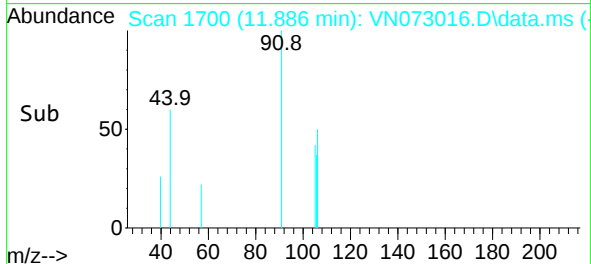
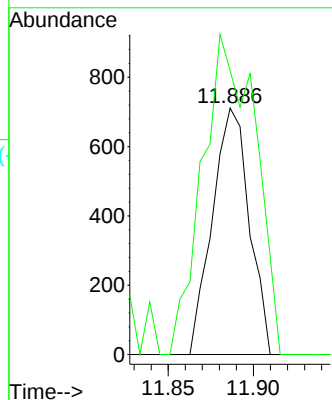
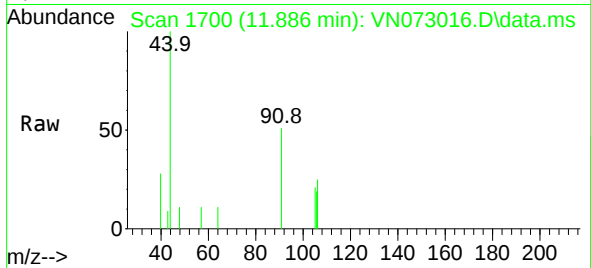




#68
m/p-Xylenes
Concen: 1.738 ug/l
RT: 11.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073016.D
Acq: 22 Jun 2022 10:08

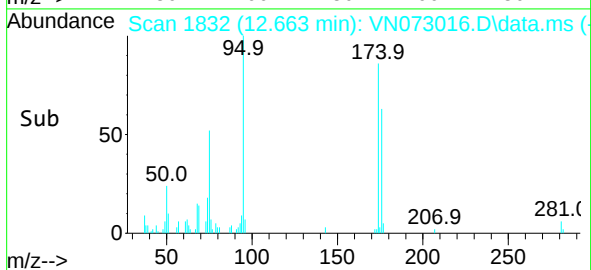
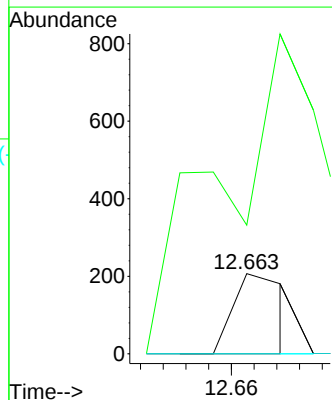
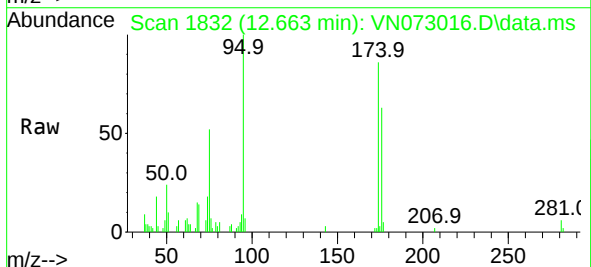
Instrument :
MSVOA_N
ClientSampleId :
COM-4

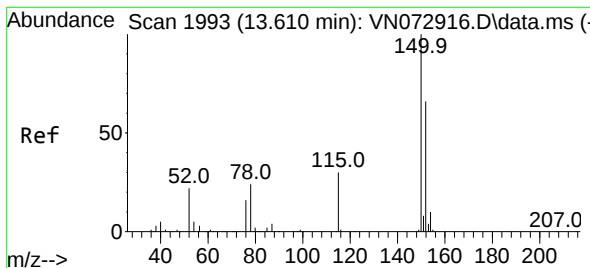
Tgt Ion:106 Resp: 1071
Ion Ratio Lower Upper
106 100
91 186.2 158.9 238.3



#71
Bromoform
Concen: 0.535 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. 0.271 min
Lab File: VN073016.D
Acq: 22 Jun 2022 10:08

Tgt Ion:173 Resp: 137
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#

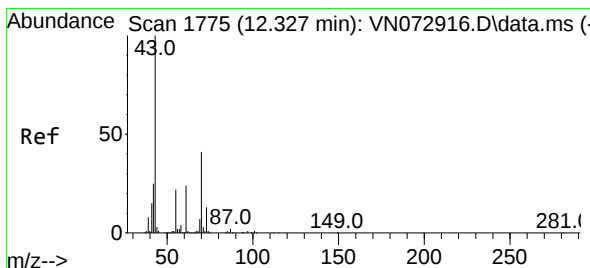
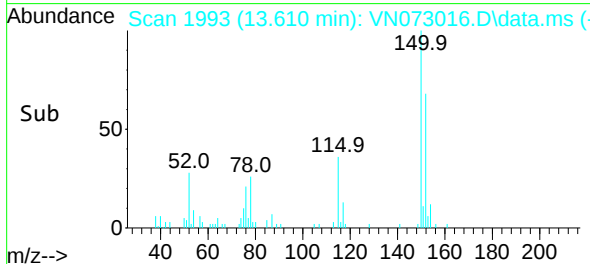
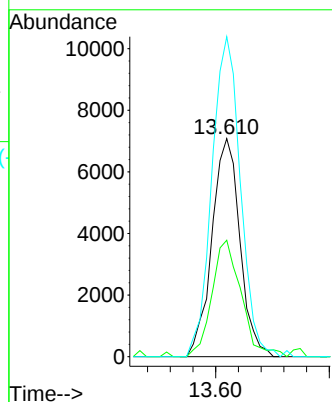
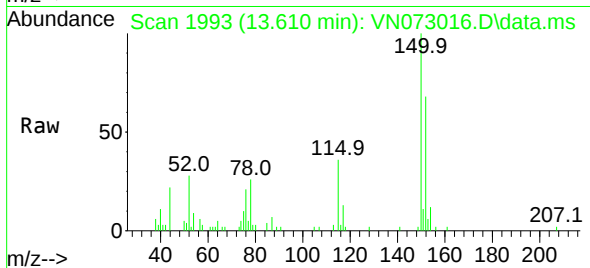




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. 0.000 min
 Lab File: VN073016.D
 Acq: 22 Jun 2022 10:08

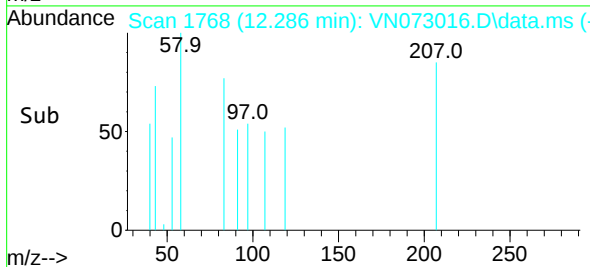
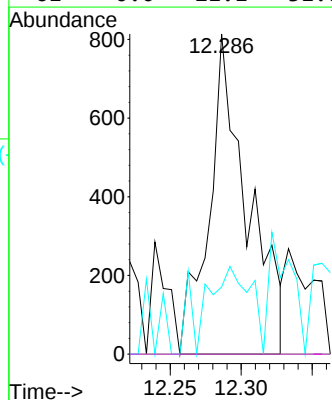
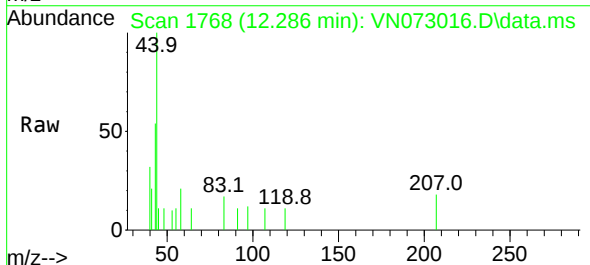
Instrument :
 MSVOA_N
 ClientSampleId :
 COM-4

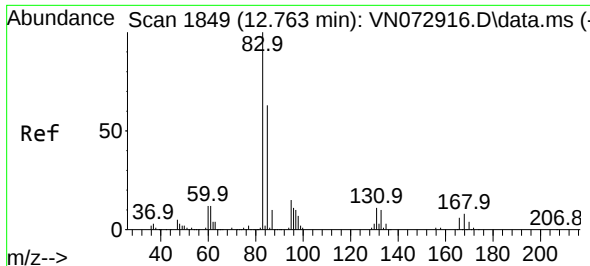
Tgt Ion:152 Resp: 12142
 Ion Ratio Lower Upper
 152 100
 115 55.7 28.9 86.7
 150 150.1 0.0 356.2



#74
 N-ethyl acetate
 Concen: 3.151 ug/l
 RT: 12.286 min Scan# 1768
 Delta R.T. -0.041 min
 Lab File: VN073016.D
 Acq: 22 Jun 2022 10:08

Tgt Ion: 43 Resp: 1536
 Ion Ratio Lower Upper
 43 100
 70 0.0 39.0 58.4#
 55 28.6 21.1 31.7
 61 0.0 21.1 31.7#

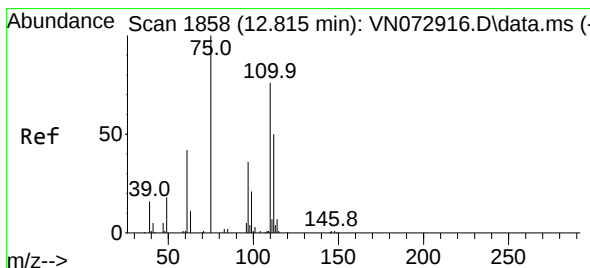
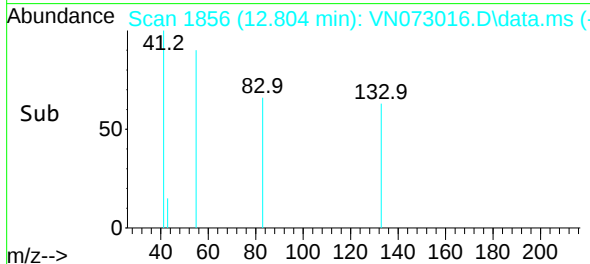
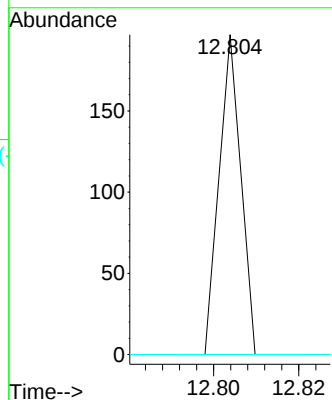
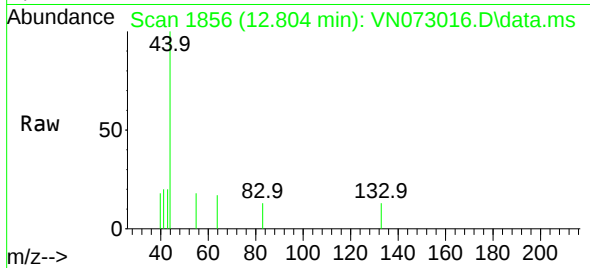




#75
1,1,2,2-Tetrachloroethane
Concen: 0.207 ug/l
RT: 12.804 min Scan# 1833
Delta R.T. 0.041 min
Lab File: VN073016.D
Acq: 22 Jun 2022 10:08

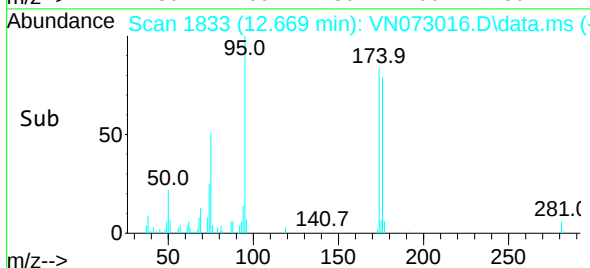
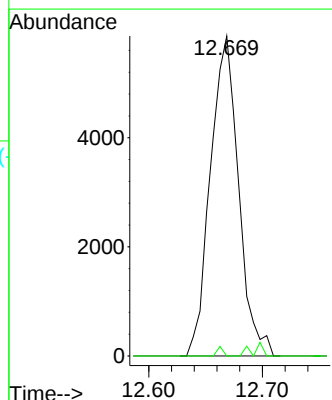
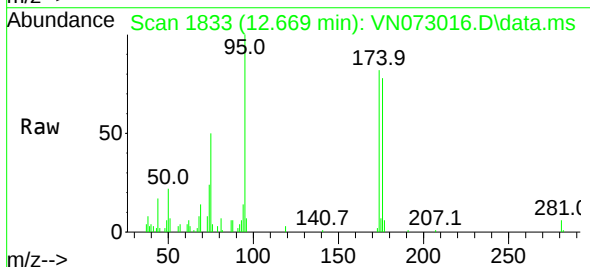
Instrument :
MSVOA_N
ClientSampleId :
COM-4

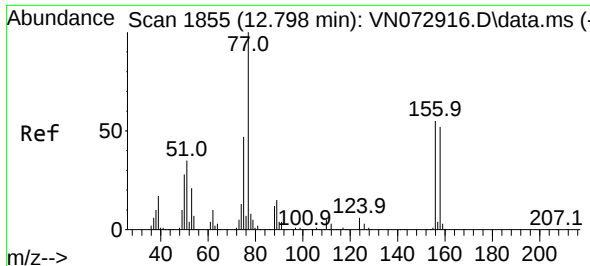
Tgt Ion: 83 Resp: 70
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.9#
85 0.0 32.3 96.9#



#76
1,2,3-Trichloropropane
Concen: 34.353 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN073016.D
Acq: 22 Jun 2022 10:08

Tgt Ion: 75 Resp: 10113
Ion Ratio Lower Upper
75 100
77 0.6 98.5 295.5#

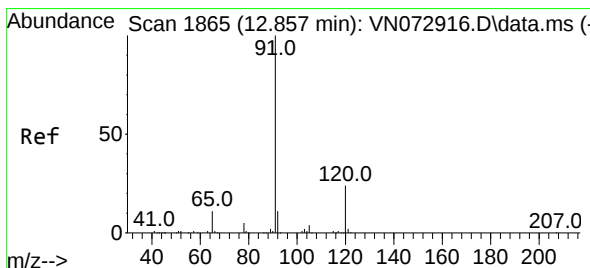
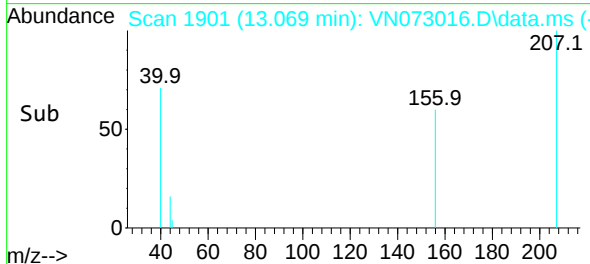
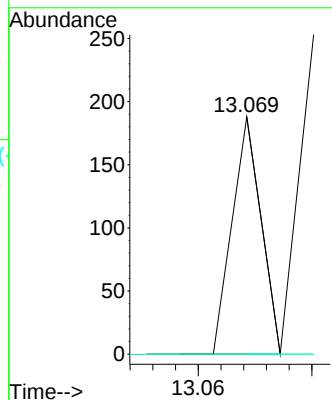
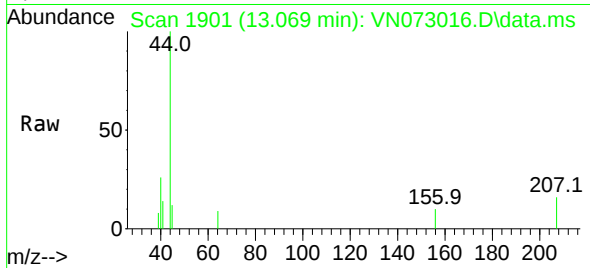




#77
Bromobenzene
Concen: 0.293 ug/l
RT: 13.069 min Scan# 1855
Delta R.T. 0.271 min
Lab File: VN073016.D
Acq: 22 Jun 2022 10:08

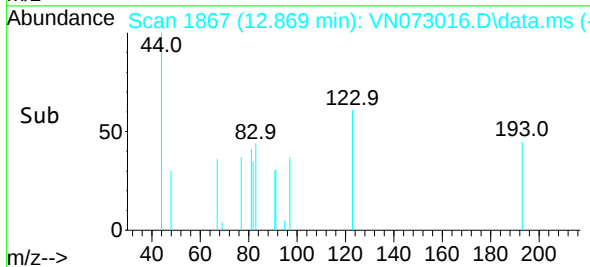
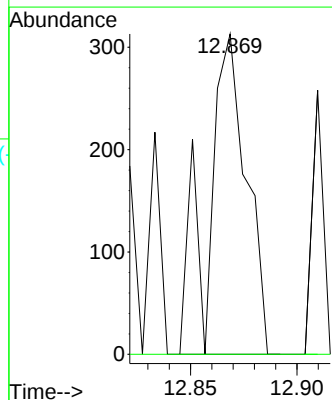
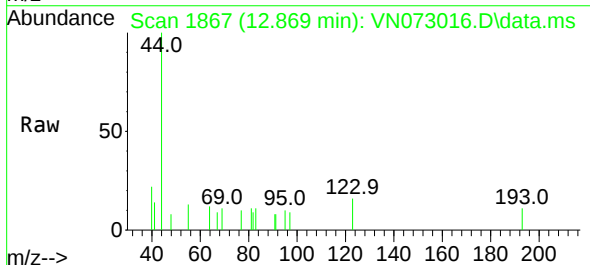
Instrument :
MSVOA_N
ClientSampleId :
COM-4

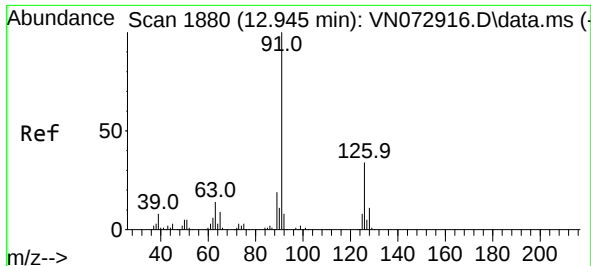
Tgt Ion:156 Resp: 66
Ion Ratio Lower Upper
156 100
77 0.0 100.5 301.5#
158 0.0 48.9 146.6#



#78
n-propylbenzene
Concen: 0.380 ug/l
RT: 12.869 min Scan# 1867
Delta R.T. 0.012 min
Lab File: VN073016.D
Acq: 22 Jun 2022 10:08

Tgt Ion: 91 Resp: 393
Ion Ratio Lower Upper
91 100
120 0.0 11.9 35.5#

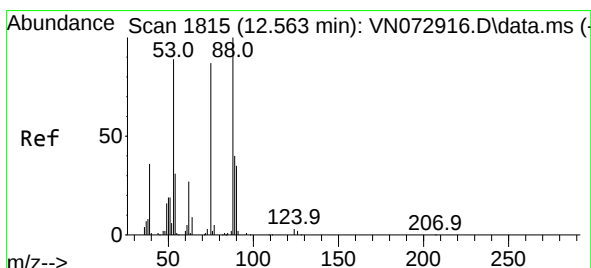
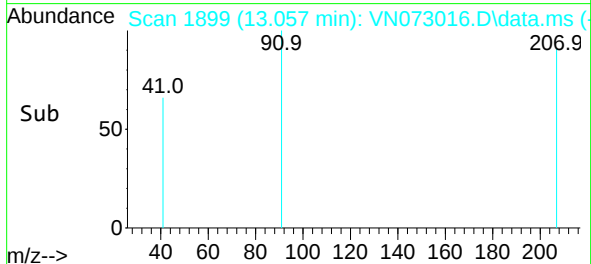
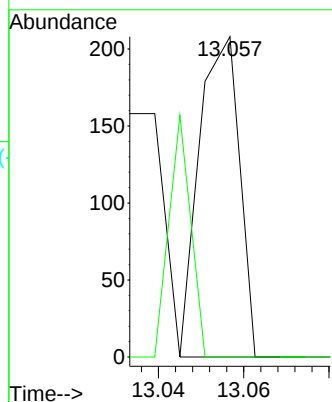
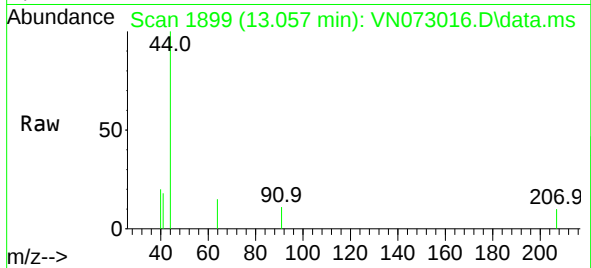




#79
2-Chlorotoluene
Concen: 0.205 ug/l
RT: 13.057 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN073016.D
Acq: 22 Jun 2022 10:08

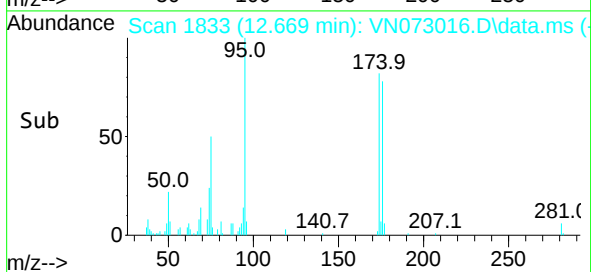
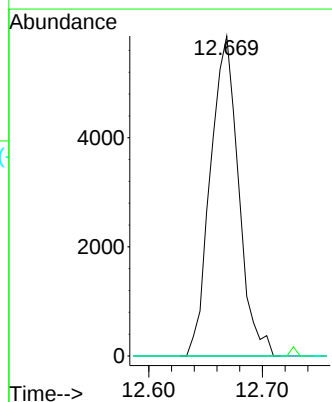
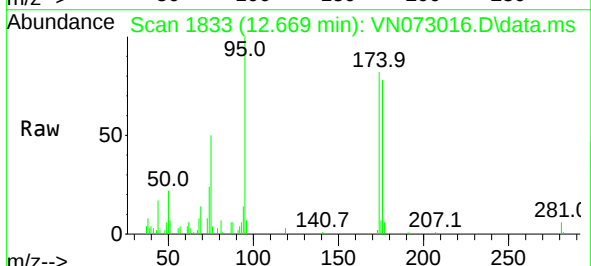
Instrument :
MSVOA_N
ClientSampleId :
COM-4

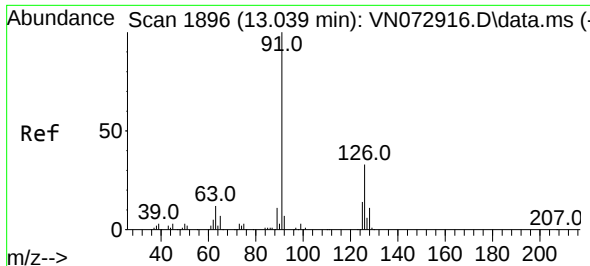
Tgt Ion: 91 Resp: 137
Ion Ratio Lower Upper
91 100
126 40.1 17.3 51.9



#81
trans-1,4-Dichloro-2-butene
Concen: 92.776 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN073016.D
Acq: 22 Jun 2022 10:08

Tgt Ion: 75 Resp: 10113
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

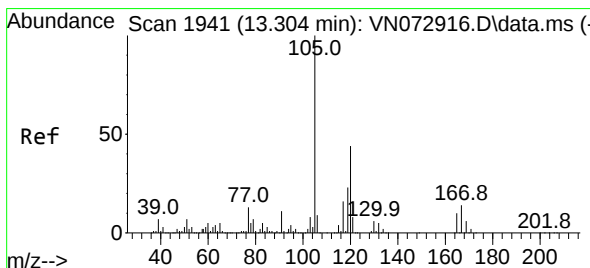
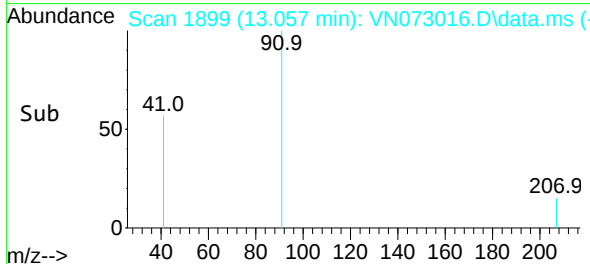
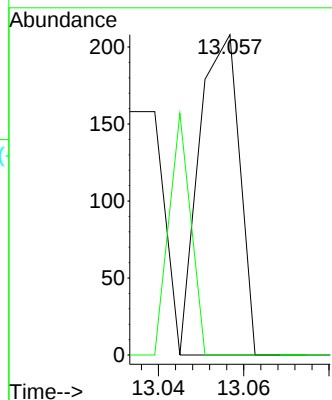
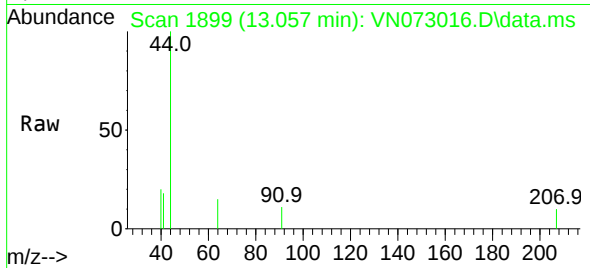




#82
4-Chlorotoluene
Concen: 0.216 ug/l
RT: 13.057 min Scan# 1899
Delta R.T. 0.018 min
Lab File: VN073016.D
Acq: 22 Jun 2022 10:08

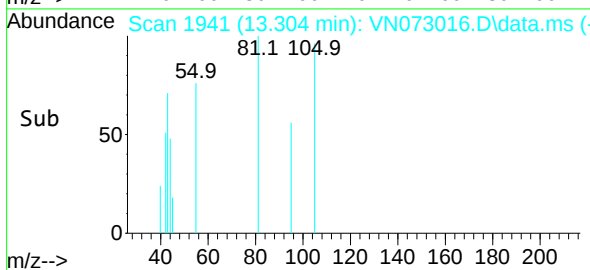
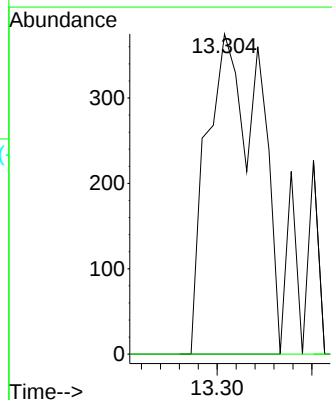
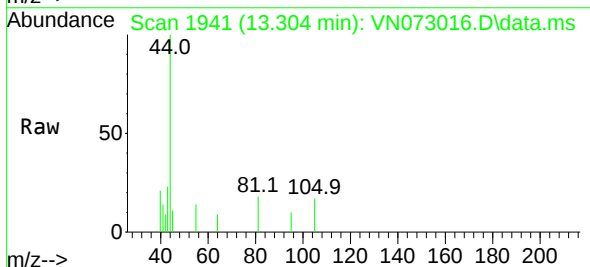
Instrument :
MSVOA_N
ClientSampleId :
COM-4

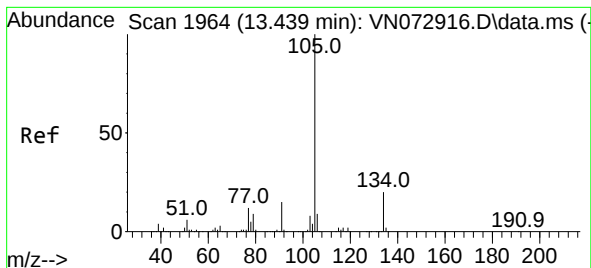
Tgt Ion: 91 Resp: 137
Ion Ratio Lower Upper
91 100
126 40.1 17.2 51.6



#84
1,2,4-Trimethylbenzene
Concen: 0.936 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VN073016.D
Acq: 22 Jun 2022 10:08

Tgt Ion: 105 Resp: 719
Ion Ratio Lower Upper
105 100
120 0.0 23.3 69.8#





#85

sec-Butylbenzene

Concen: 0.300 ug/l

RT: 13.598 min Scan# 1991

Delta R.T. 0.159 min

Lab File: VN073016.D

Acq: 22 Jun 2022 10:08

Instrument :

MSVOA_N

ClientSampleId :

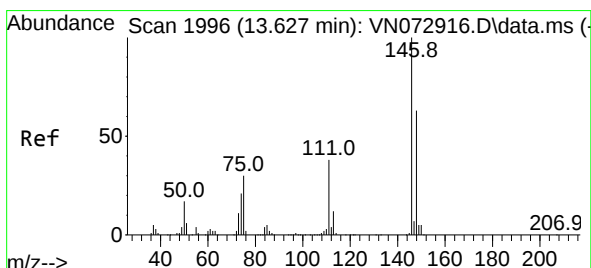
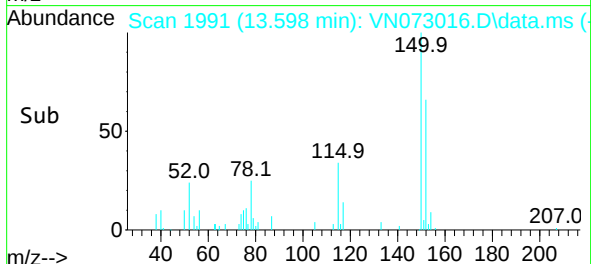
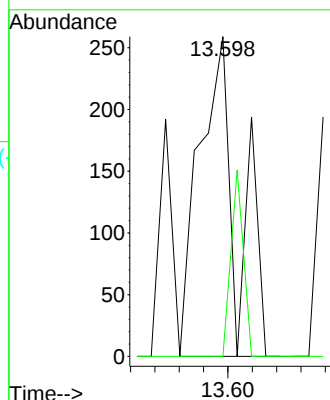
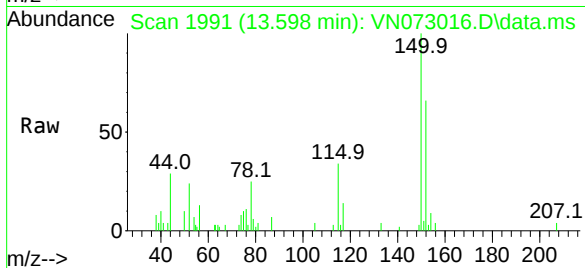
COM-4

Tgt Ion:105 Resp: 283

Ion Ratio Lower Upper

105 100

134 18.7 10.4 31.1



#88

1,4-Dichlorobenzene

Concen: 0.396 ug/l

RT: 13.627 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN073016.D

Acq: 22 Jun 2022 10:08

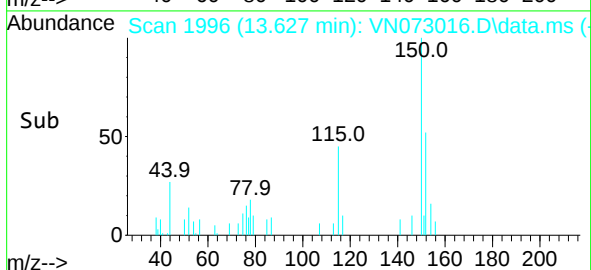
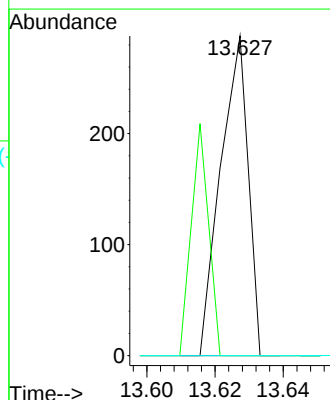
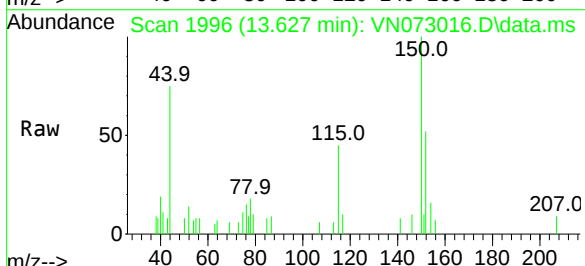
Tgt Ion:146 Resp: 161

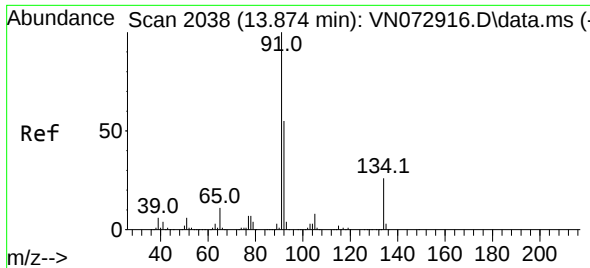
Ion Ratio Lower Upper

146 100

111 46.0 19.1 57.1

148 0.0 31.4 94.3#

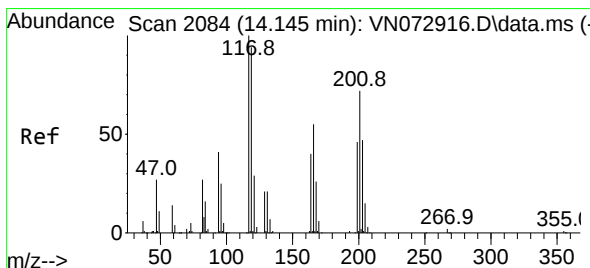
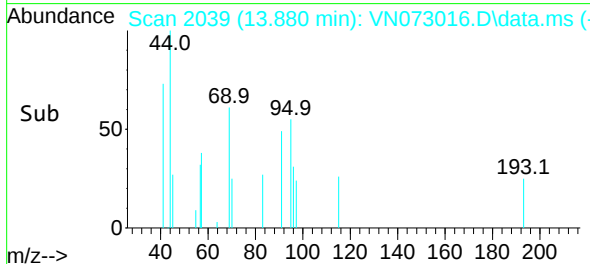
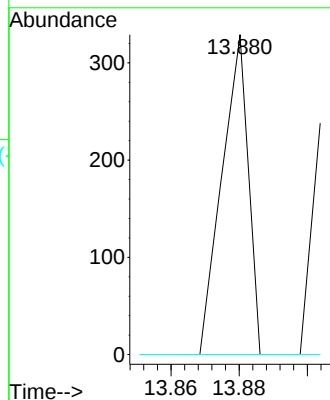
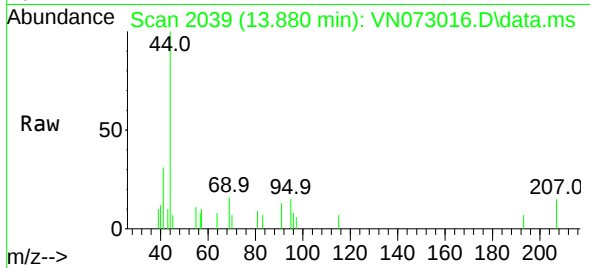




#89
n-Butylbenzene
Concen: 0.284 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN073016.D
Acq: 22 Jun 2022 10:08

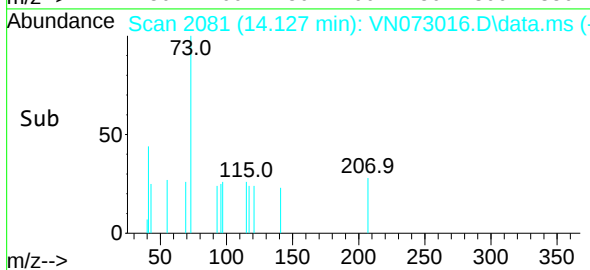
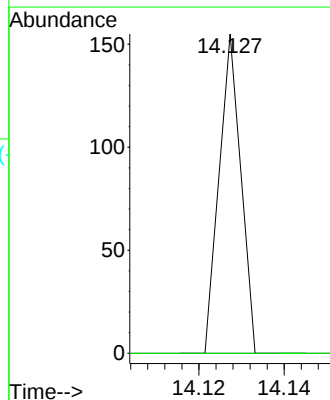
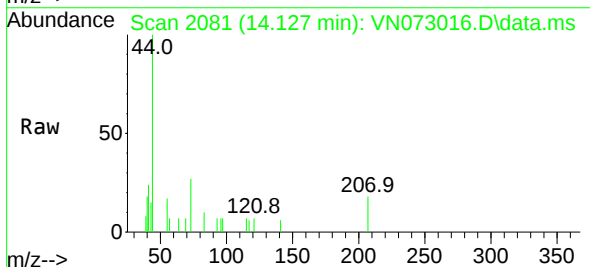
Instrument :
MSVOA_N
ClientSampleId :
COM-4

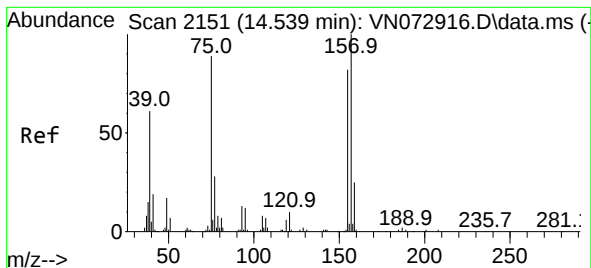
Tgt Ion: 91 Resp: 177
Ion Ratio Lower Upper
91 100
92 0.0 26.9 80.7#
134 0.0 13.6 40.8#



#90
Hexachloroethane
Concen: 0.382 ug/l
RT: 14.127 min Scan# 2081
Delta R.T. -0.018 min
Lab File: VN073016.D
Acq: 22 Jun 2022 10:08

Tgt Ion: 117 Resp: 55
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#

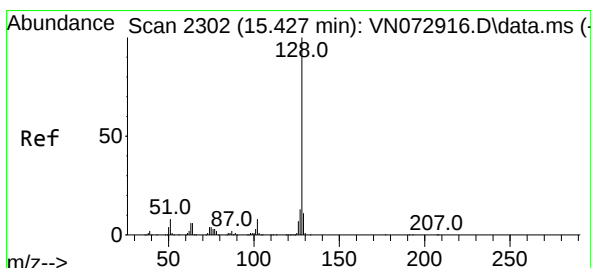
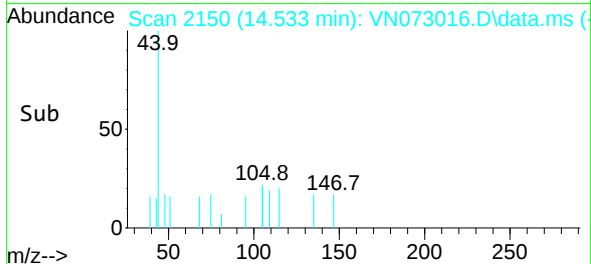
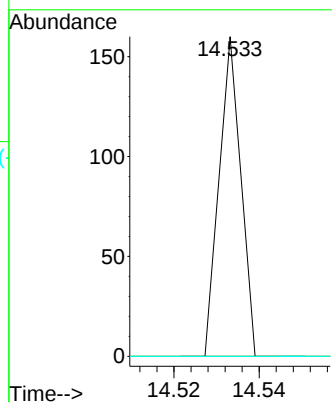
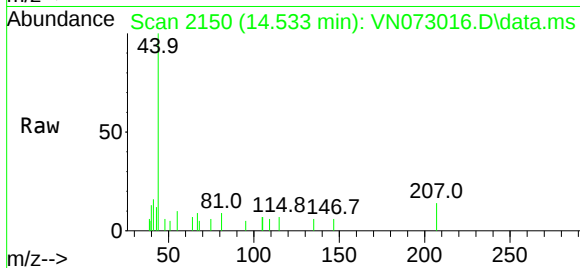




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.574 ug/l
 RT: 14.533 min Scan# 2151
 Delta R.T. -0.006 min
 Lab File: VN073016.D
 Acq: 22 Jun 2022 10:08

Instrument :
 MSVOA_N
 ClientSampleId :
 COM-4

Tgt Ion: 75 Resp: 56
 Ion Ratio Lower Upper
 75 100
 155 0.0 44.9 134.5#
 157 0.0 59.0 176.8#



#95
 Naphthalene
 Concen: 2.076 ug/l
 RT: 15.433 min Scan# 2303
 Delta R.T. 0.006 min
 Lab File: VN073016.D
 Acq: 22 Jun 2022 10:08

Tgt Ion: 128 Resp: 1947
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.3 15.5#
 129 8.8 8.6 13.0

