

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100622\
 Data File : VN074795.D
 Acq On : 06 Oct 2022 19:53
 Operator : JC\MD
 Sample : N4968-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CLI-0620

Quant Time: Oct 07 06:58:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 05:37:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	251706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	447403	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	477137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	330002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	313318	52.535	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.080%			
35) Dibromofluoromethane	8.183	113	236330	52.281	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.560%			
50) Toluene-d8	10.571	98	1023265	52.755	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.520%			
62) 4-Bromofluorobenzene	12.853	95	328675	55.744	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.480%			
Target Compounds					Qvalue	
3) Chloromethane	2.389	50	3719	0.484	ug/l #	85
6) Chloroethane	2.836	64	186326	26.495	ug/l #	53
8) Diethyl Ether	3.983	74	933	0.239	ug/l	66
11) Tert butyl alcohol	5.547	59	606	0.303	ug/l #	74
13) Acrolein	4.171	56	469	Below Cal	#	1
15) Acrylonitrile	5.806	53	1514	0.348	ug/l #	42
16) Acetone	4.453	43	899131	266.032	ug/l	99
18) Methyl Acetate	5.059	43	10137	0.810	ug/l #	78
19) Methyl tert-butyl Ether	5.812	73	153930	8.099	ug/l	98
20) Methylene Chloride	5.271	84	529	Below Cal	#	3
22) Diisopropyl ether	6.694	45	84411	3.959	ug/l	90
23) Vinyl Acetate	6.689	43	43475	2.482	ug/l #	72
25) 2-Butanone	7.512	43	75009	12.229	ug/l #	76
29) Tetrahydrofuran	7.865	42	3994	0.934	ug/l #	78
31) Cyclohexane	8.230	56	6529	0.633	ug/l #	32
36) 1,1-Dichloropropene	8.235	75	24678	3.373	ug/l #	46
37) Ethyl Acetate	7.512	43	75009	2.556	ug/l #	86
38) Carbon Tetrachloride	8.241	117	25525	3.699	ug/l #	18
39) Methylcyclohexane	9.606	83	4250	0.448	ug/l	89
40) Benzene	8.618	78	1744923	73.668	ug/l	96
42) 1,2-Dichloroethane	8.612	62	16125	2.169	ug/l	81
48) Methyl methacrylate	9.600	41	1823	0.245	ug/l #	5
49) 1,4-Dioxane	9.606	88	181	1.122	ug/l #	24
51) 4-Methyl-2-Pentanone	10.447	43	30446	2.607	ug/l	97
52) Toluene	10.635	92	9490693	666.987	ug/l	96
53) t-1,3-Dichloropropene	10.641	75	121154	13.224	ug/l #	1
59) 2-Hexanone	11.194	43	8070	0.914	ug/l	89
67) Ethyl Benzene	11.965	91	1644589	60.362	ug/l	98
68) m/p-Xylenes	12.076	106	5639070	551.352	ug/l	99
69) o-Xylene	12.400	106	3231138	307.929	ug/l	98
70) Styrene	12.406	104	185774	11.230	ug/l #	1
71) Bromoform	12.853	173	2887	0.709	ug/l #	1
73) Isopropylbenzene	12.700	105	98696	3.108	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.965	83	211	Below Cal	#	1
76) 1,2,3-Trichloropropane	13.106	75	24671	2.505	ug/l #	1
77) Bromobenzene	12.988	156	83	Below Cal	#	1

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

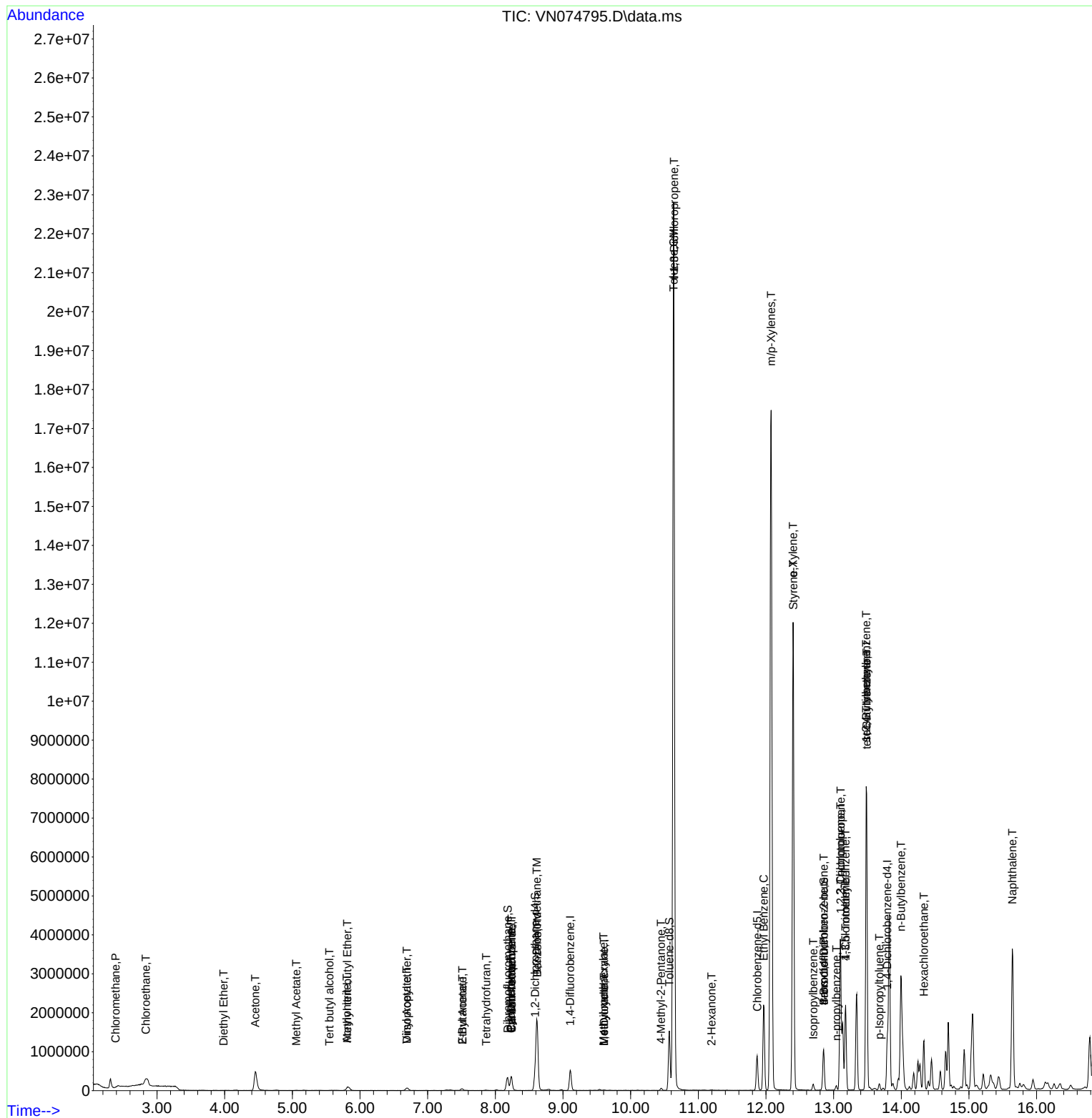
78) n-propylbenzene	13.041	91	87743	2.398	ug/l #	54
79) 2-Chlorotoluene	13.100	91	331890	14.961	ug/l #	43
80) 1,3,5-Trimethylbenzene	13.176	105	1180744	46.621	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.853	75	193342	38.245	ug/l #	14
82) 4-Chlorotoluene	13.176	91	133930	6.514	ug/l #	42
83) tert-Butylbenzene	13.488	119	537769	24.572	ug/l #	63
84) 1,2,4-Trimethylbenzene	13.482	105	4446791	173.644	ug/l	98
85) sec-Butylbenzene	13.482	105	4446791	139.820	ug/l #	58
86) p-Isopropyltoluene	13.676	119	89384	3.642	ug/l	97
89) n-Butylbenzene	13.994	91	412454	19.066	ug/l #	58
90) Hexachloroethane	14.335	117	67901	12.374	ug/l #	20
95) Naphthalene	15.641	128	3276198	142.840	ug/l	99
96) 1,2,3-Trichlorobenzene	15.964	180	208	Below Cal	#	1

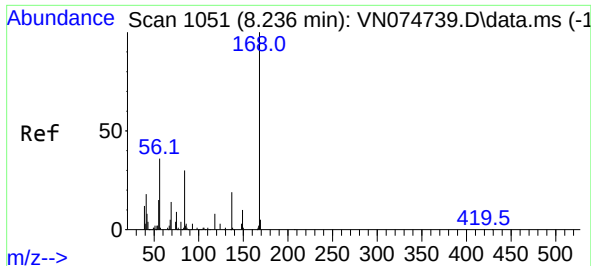
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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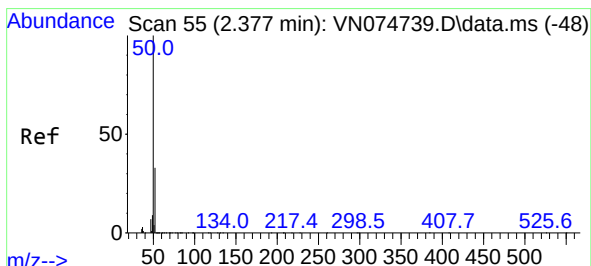
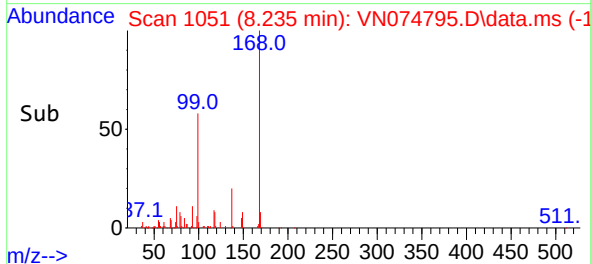
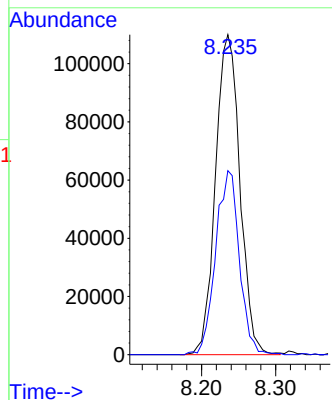
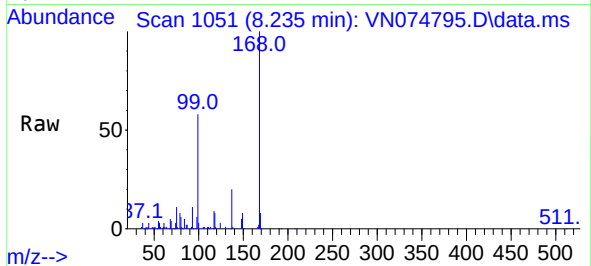




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

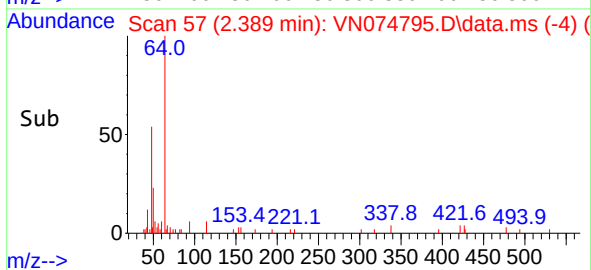
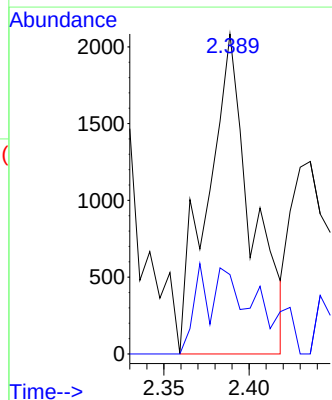
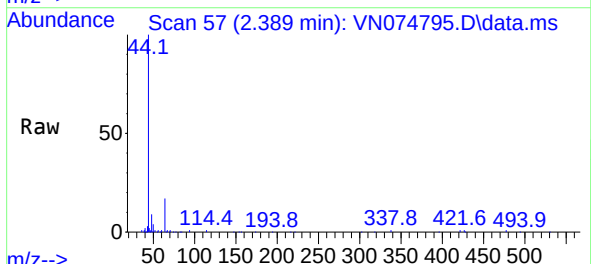
Instrument :
MSVOA_N
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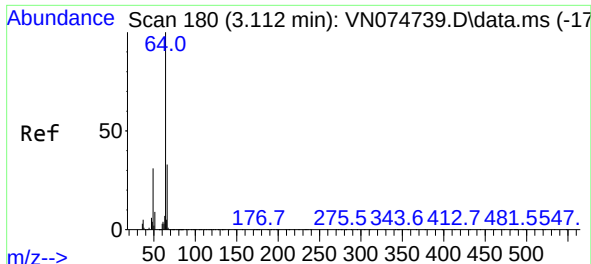
Tgt Ion:168 Resp: 251706
Ion Ratio Lower Upper
168 100
99 57.5 42.8 64.2



#3
Chloromethane
Concen: 0.484 ug/l
RT: 2.389 min Scan# 57
Delta R.T. 0.012 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

Tgt Ion: 50 Resp: 3719
Ion Ratio Lower Upper
50 100
52 24.8 26.7 40.1#

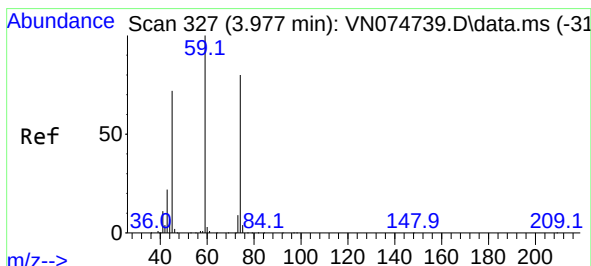
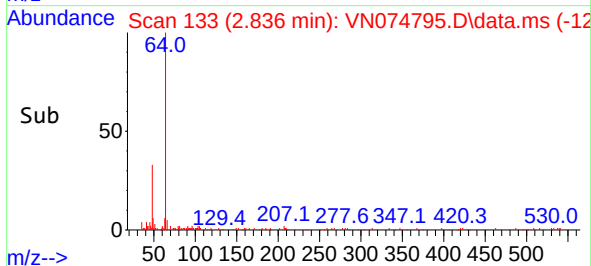
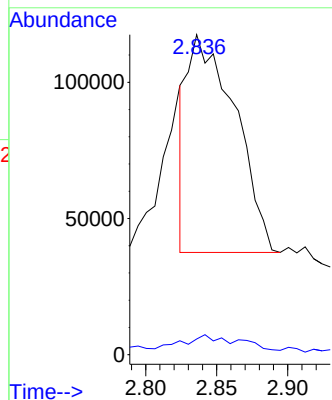
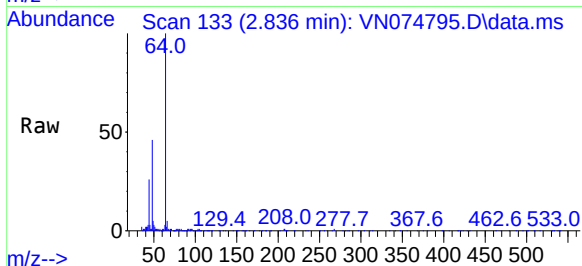




#6
Chloroethane
Concen: 26.495 ug/l
RT: 2.836 min Scan# 11
Delta R.T. -0.277 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

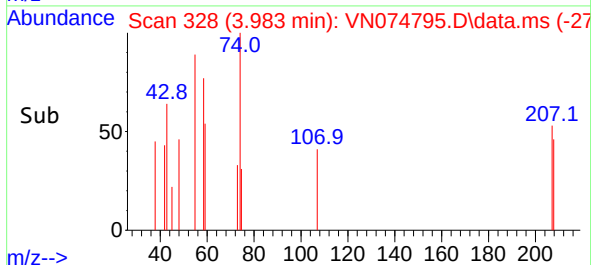
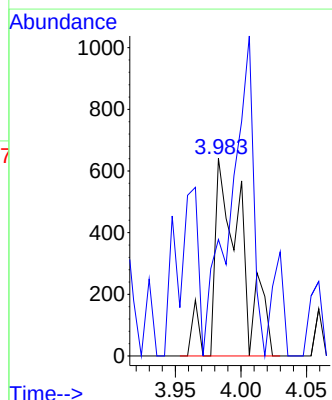
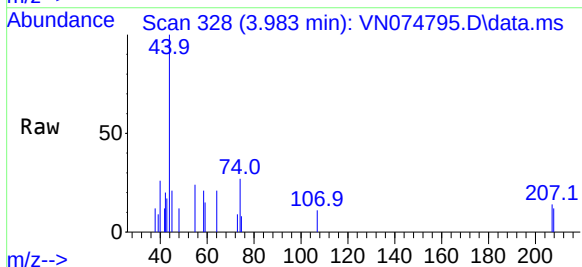
Instrument :
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ClientSampleId :
CLI-0620

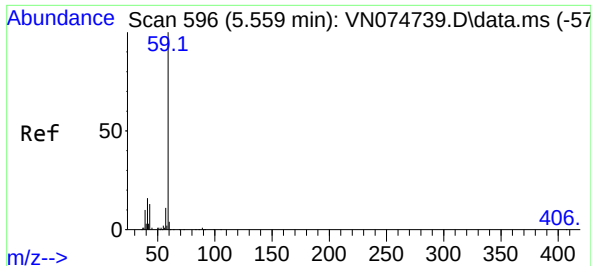
Tgt Ion: 64 Resp: 186326
Ion Ratio Lower Upper
64 100
66 5.2 25.1 37.7#



#8
Diethyl Ether
Concen: 0.239 ug/l
RT: 3.983 min Scan# 328
Delta R.T. 0.006 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

Tgt Ion: 74 Resp: 933
Ion Ratio Lower Upper
74 100
45 63.5 48.2 144.6

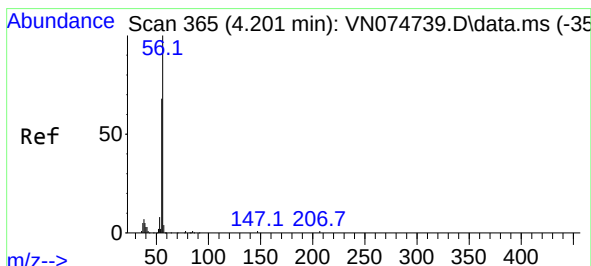
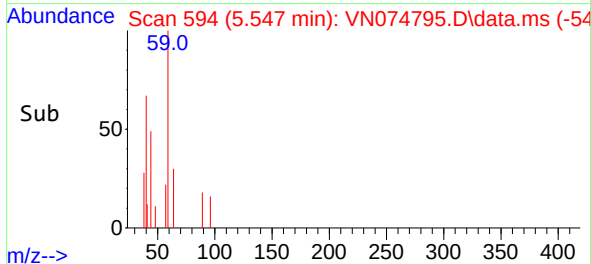
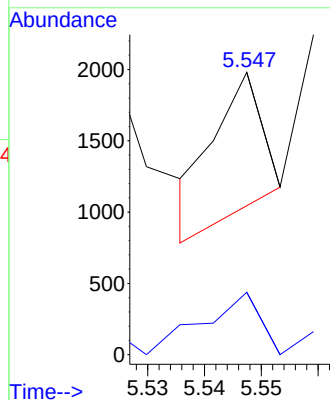
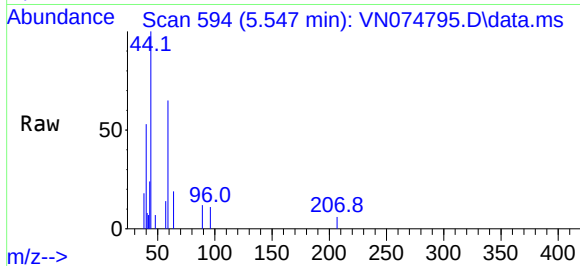




#11
Tert butyl alcohol
Concen: 0.303 ug/l
RT: 5.547 min Scan# 59
Delta R.T. -0.012 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

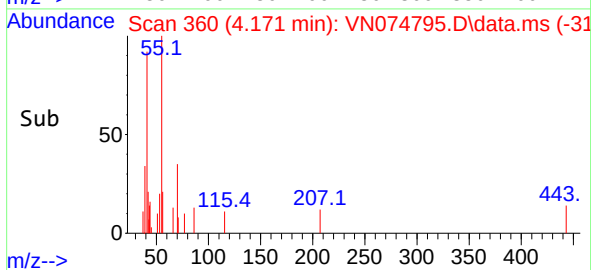
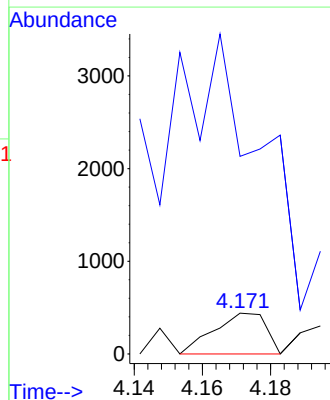
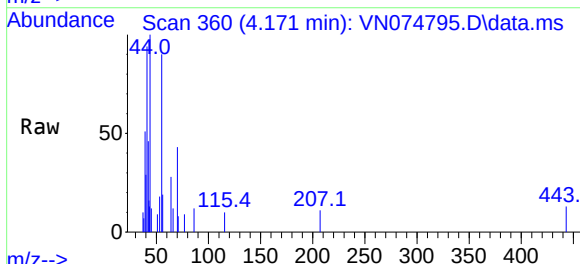
Instrument :
MSVOA_N
ClientSampleId :
CLI-0620

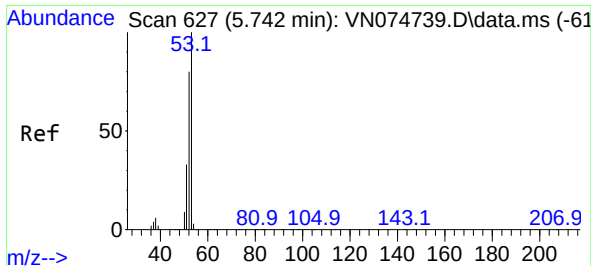
Tgt Ion: 59 Resp: 606
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



#13
Acrolein
Concen: Below Cal
RT: 4.171 min Scan# 360
Delta R.T. -0.030 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

Tgt Ion: 56 Resp: 469
Ion Ratio Lower Upper
56 100
55 2102.3 54.9 82.3#

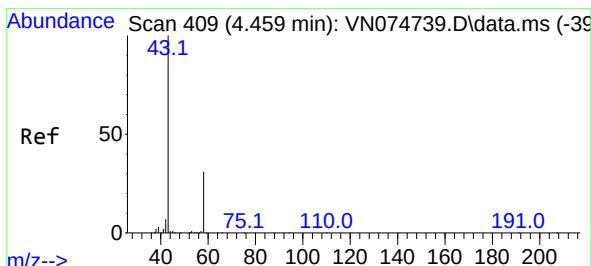
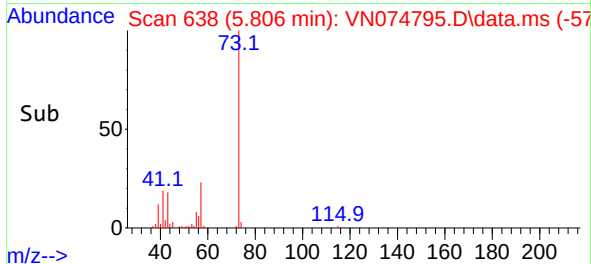
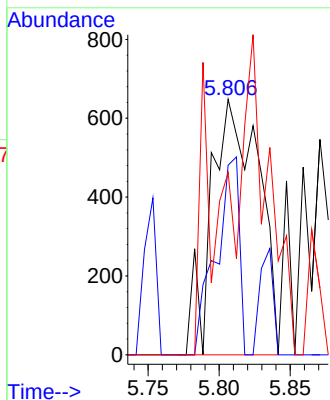
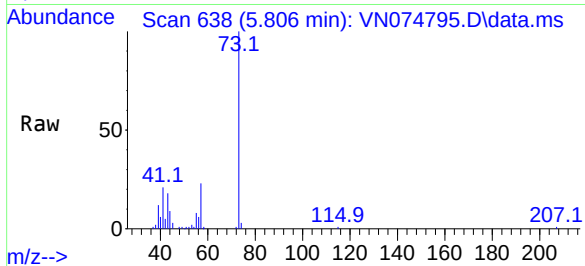




#15
Acrylonitrile
Concen: 0.348 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.065 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

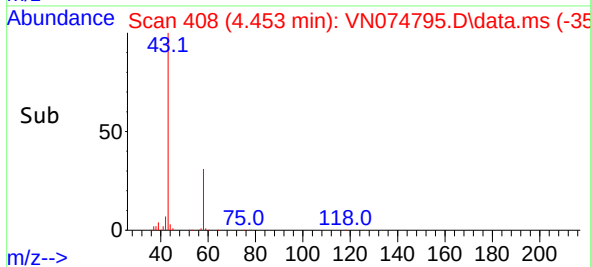
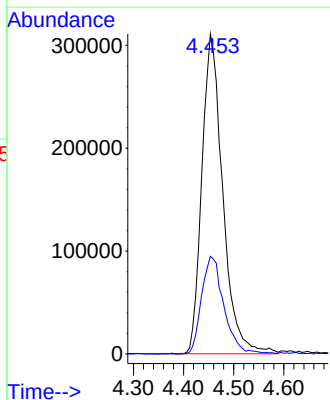
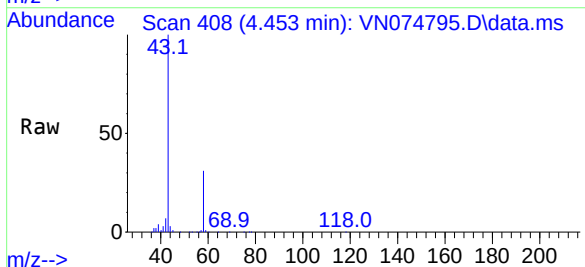
Instrument :
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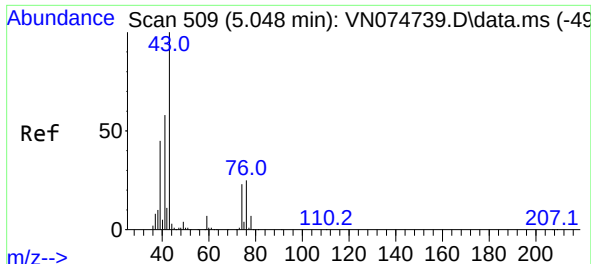
Tgt Ion: 53 Resp: 1514
Ion Ratio Lower Upper
53 100
52 38.0 64.3 96.5#
51 81.5 27.5 41.3#



#16
Acetone
Concen: 266.032 ug/l
RT: 4.453 min Scan# 408
Delta R.T. -0.006 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

Tgt Ion: 43 Resp: 899131
Ion Ratio Lower Upper
43 100
58 30.5 24.9 37.3

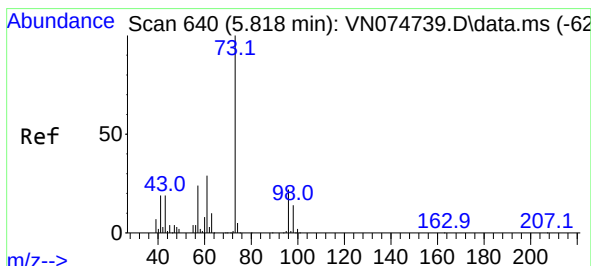
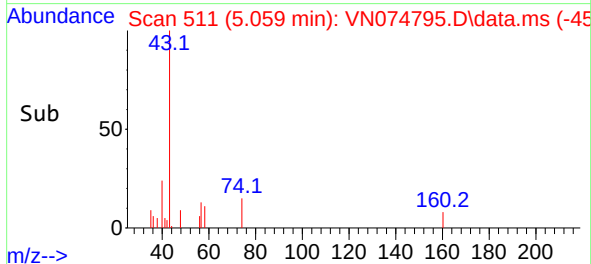
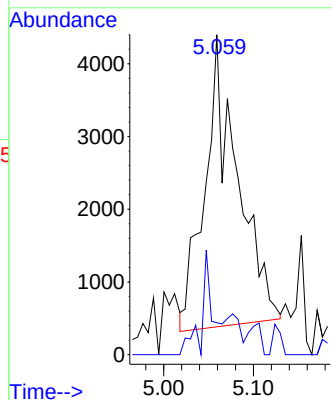
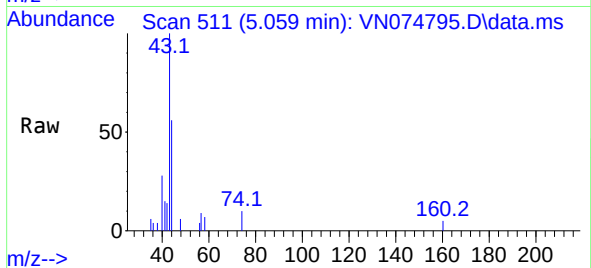




#18
Methyl Acetate
Concen: 0.810 ug/l
RT: 5.059 min Scan# 511
Delta R.T. 0.012 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

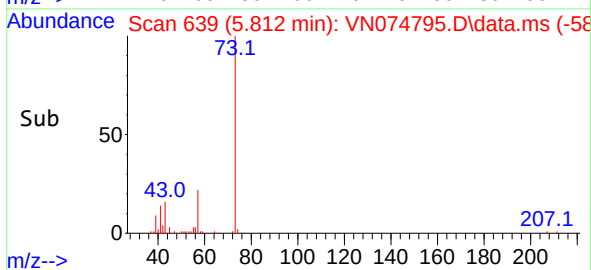
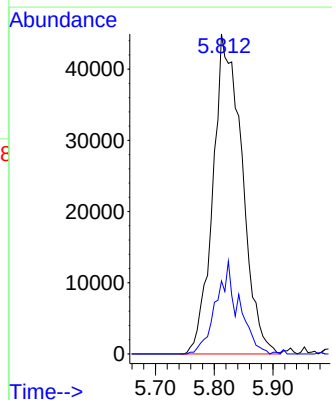
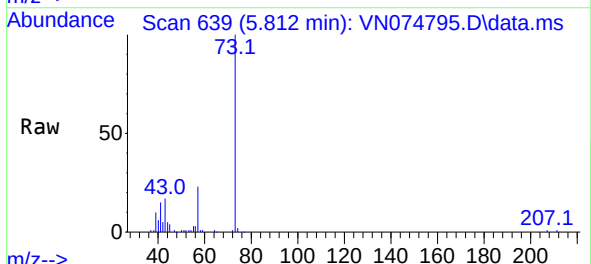
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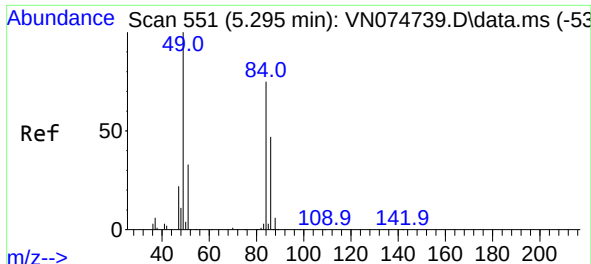
Tgt Ion: 43 Resp: 10137
Ion Ratio Lower Upper
43 100
74 12.6 18.5 27.7#



#19
Methyl tert-butyl Ether
Concen: 8.099 ug/l
RT: 5.812 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

Tgt Ion: 73 Resp: 153930
Ion Ratio Lower Upper
73 100
57 22.8 19.0 28.4

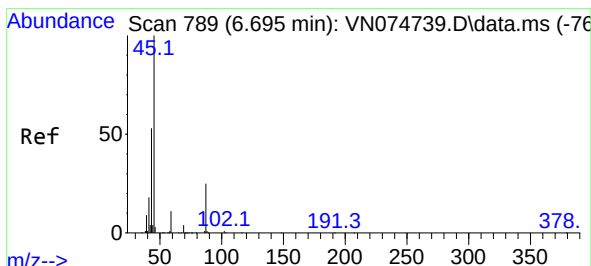
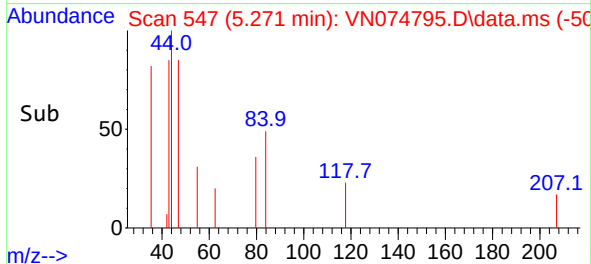
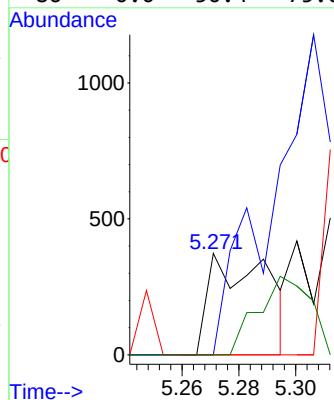
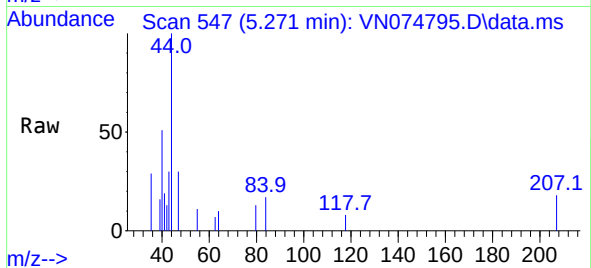




#20
Methylene Chloride
Concen: Below Cal
RT: 5.271 min Scan# 54
Delta R.T. -0.024 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

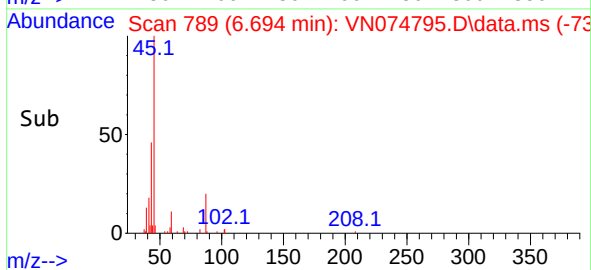
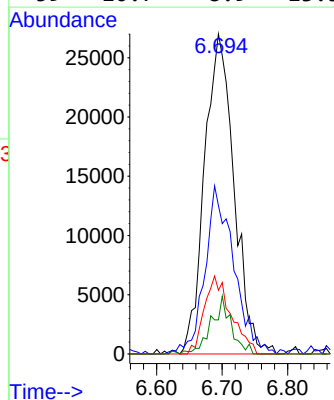
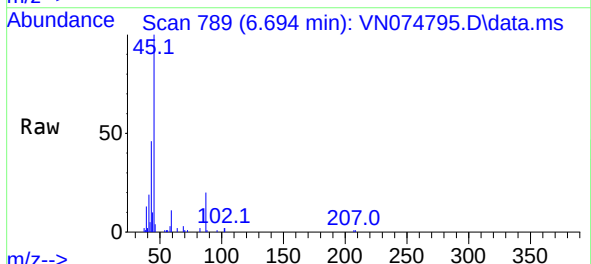
Instrument :
MSVOA_N
ClientSampleId :
CLI-0620

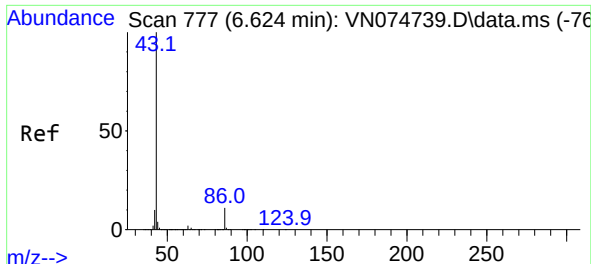
Tgt Ion: 84 Resp: 529
Ion Ratio Lower Upper
84 100
49 0.0 107.4 161.0#
51 0.0 35.1 52.7#
86 0.0 50.4 75.6#



#22
Diisopropyl ether
Concen: 3.959 ug/l
RT: 6.694 min Scan# 789
Delta R.T. -0.000 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

Tgt Ion: 45 Resp: 84411
Ion Ratio Lower Upper
45 100
43 45.0 42.7 64.1
87 19.9 19.6 29.4
59 10.7 8.9 13.3

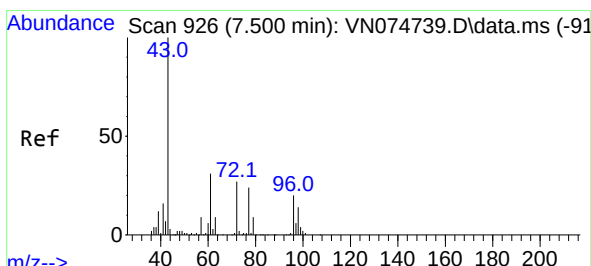
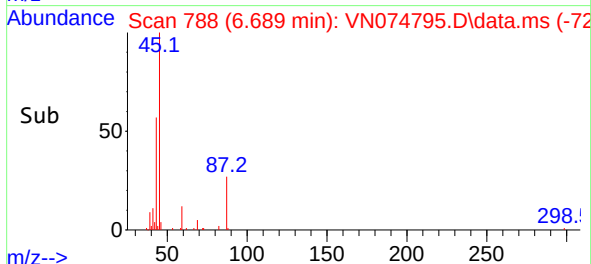
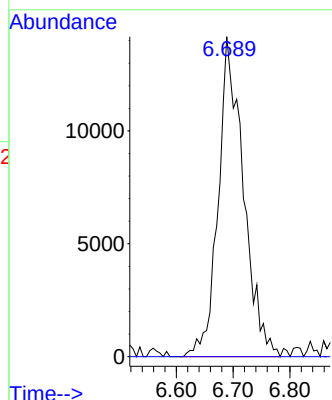
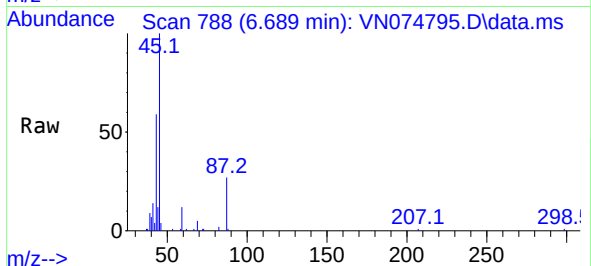




#23
 Vinyl Acetate
 Concen: 2.482 ug/l
 RT: 6.689 min Scan# 71
 Delta R.T. 0.065 min
 Lab File: VN074795.D
 Acq: 06 Oct 2022 19:53

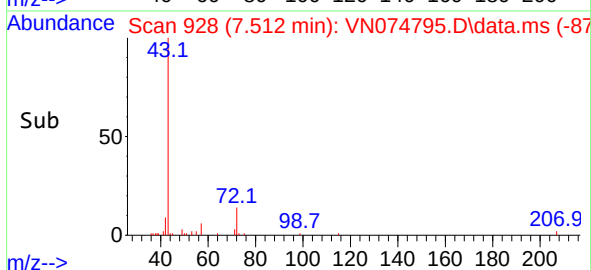
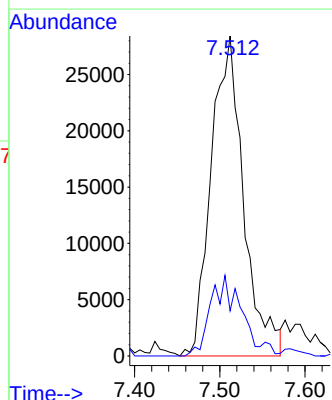
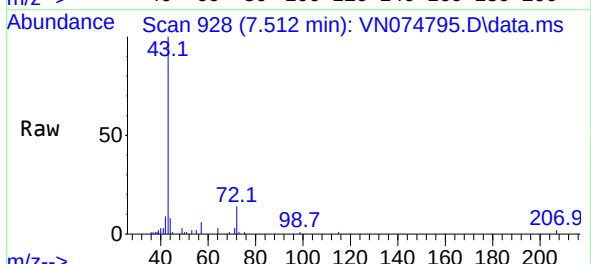
Instrument :
 MSVOA_N
 ClientSampleId :
 CLI-0620

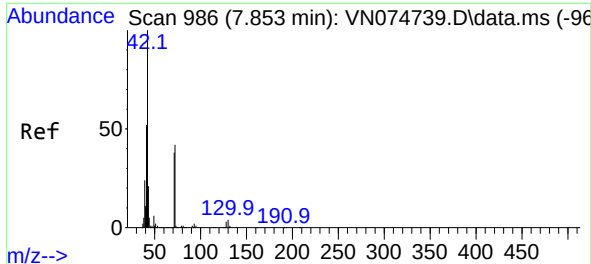
Tgt Ion: 43 Resp: 43475
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.4 12.6#



#25
 2-Butanone
 Concen: 12.229 ug/l
 RT: 7.512 min Scan# 928
 Delta R.T. 0.012 min
 Lab File: VN074795.D
 Acq: 06 Oct 2022 19:53

Tgt Ion: 43 Resp: 75009
 Ion Ratio Lower Upper
 43 100
 72 14.1 21.4 32.0#





#29

Tetrahydrofuran

Concen: 0.934 ug/l

RT: 7.865 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN074795.D

Acq: 06 Oct 2022 19:53

Instrument :

MSVOA_N

ClientSampleId :

CLI-0620

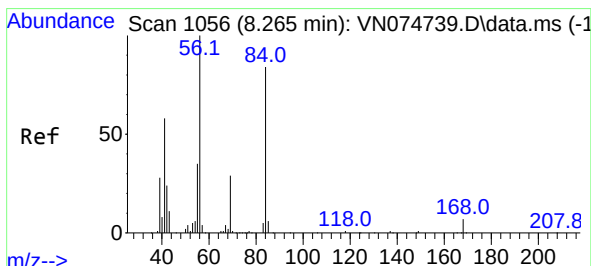
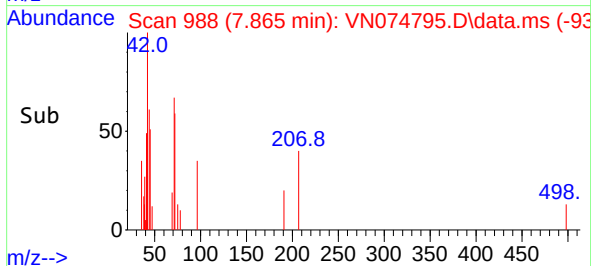
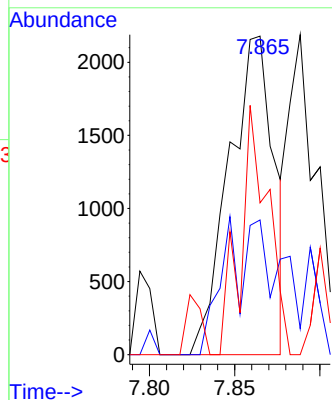
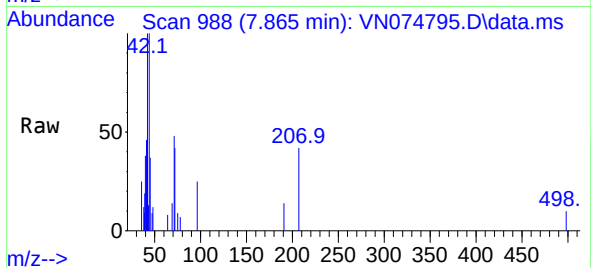
Tgt Ion: 42 Resp: 3994

Ion Ratio Lower Upper

42 100

72 24.5 33.0 49.6#

71 48.1 30.4 45.6#



#31

Cyclohexane

Concen: 0.633 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.035 min

Lab File: VN074795.D

Acq: 06 Oct 2022 19:53

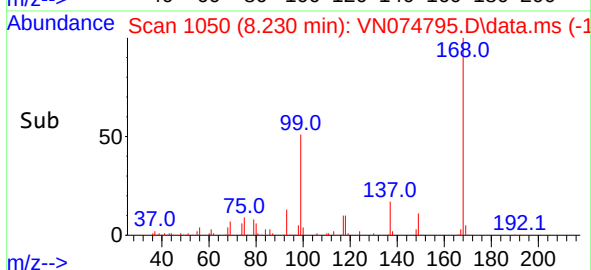
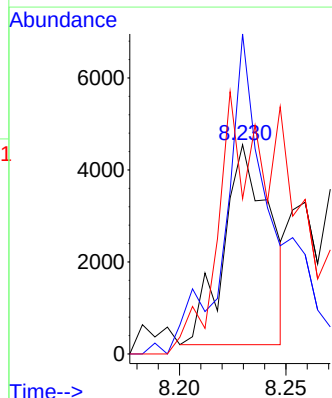
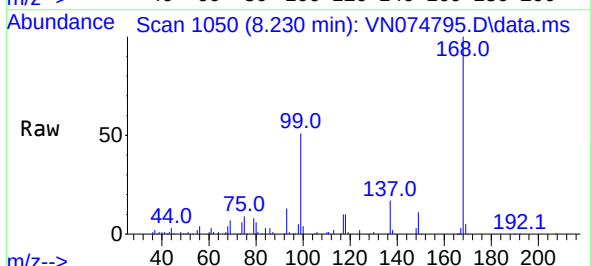
Tgt Ion: 56 Resp: 6529

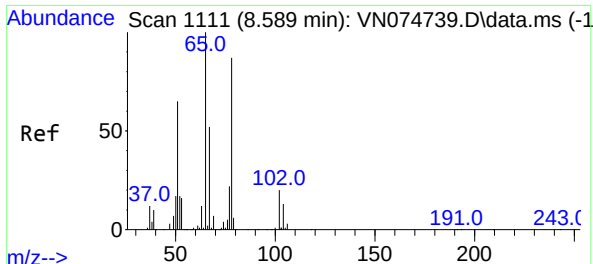
Ion Ratio Lower Upper

56 100

69 145.5 23.1 34.7#

84 69.2 67.1 100.7

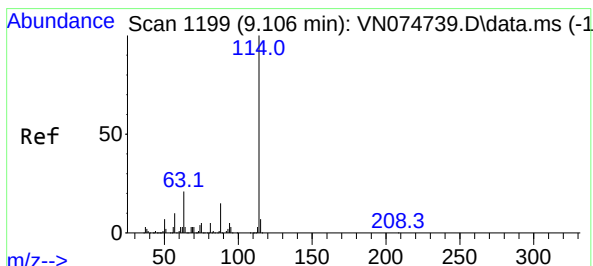
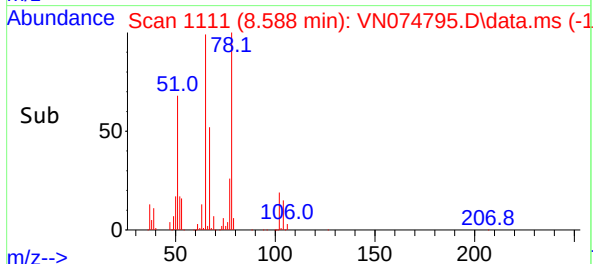
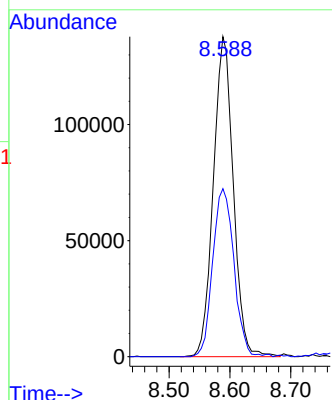
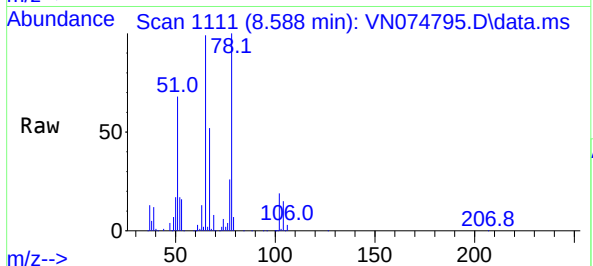




#33
1,2-Dichloroethane-d4
Concen: 52.535 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

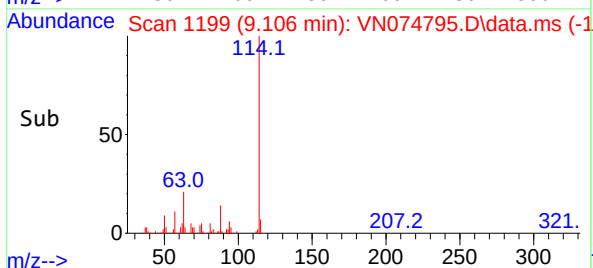
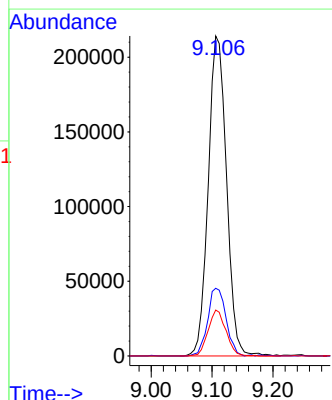
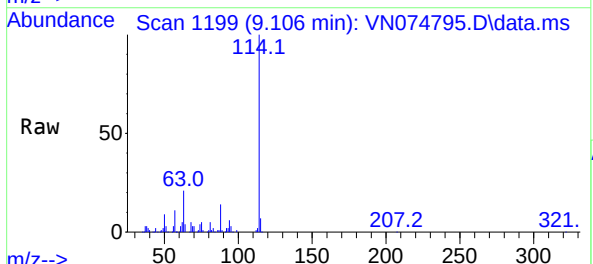
Instrument :
MSVOA_N
ClientSampleId :
CLI-0620

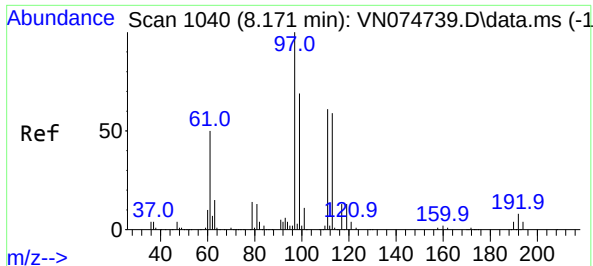
Tgt Ion: 65 Resp: 313318
Ion Ratio Lower Upper
65 100
67 55.8 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

Tgt Ion:114 Resp: 447403
Ion Ratio Lower Upper
114 100
63 21.2 0.0 41.2
88 14.4 0.0 30.2





#35

Dibromofluoromethane

Concen: 52.281 ug/l

RT: 8.183 min Scan# 1042

Delta R.T. 0.012 min

Lab File: VN074795.D

Acq: 06 Oct 2022 19:53

Instrument :

MSVOA_N

ClientSampleId :

CLI-0620

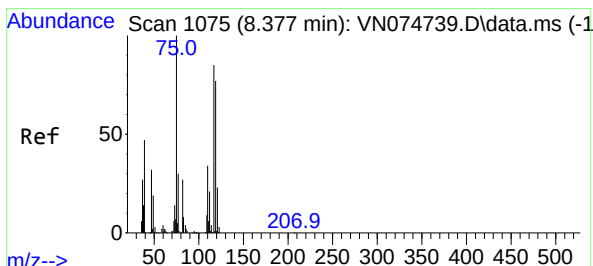
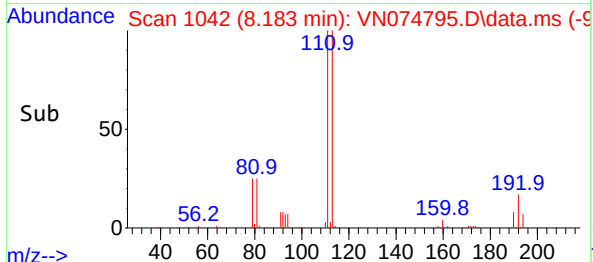
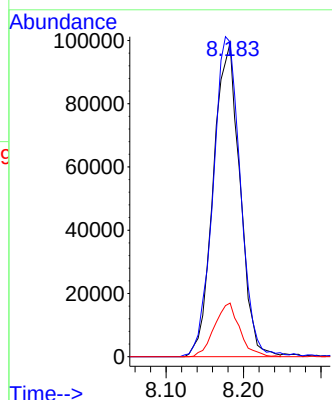
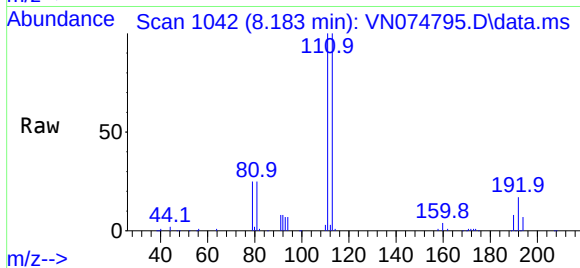
Tgt Ion:113 Resp: 236330

Ion Ratio Lower Upper

113 100

111 104.5 83.0 124.6

192 16.3 12.6 18.8



#36

1,1-Dichloropropene

Concen: 3.373 ug/l

RT: 8.235 min Scan# 1051

Delta R.T. -0.141 min

Lab File: VN074795.D

Acq: 06 Oct 2022 19:53

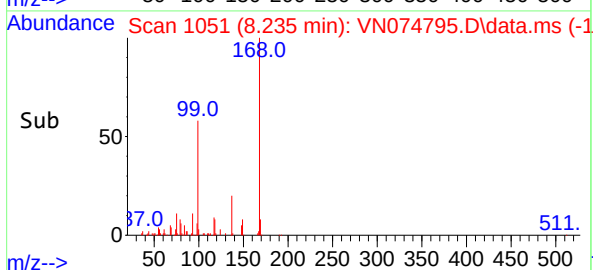
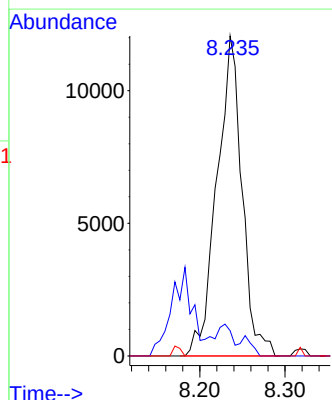
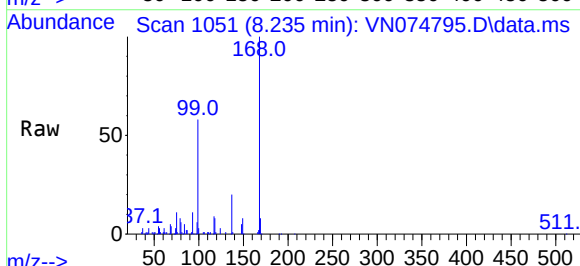
Tgt Ion: 75 Resp: 24678

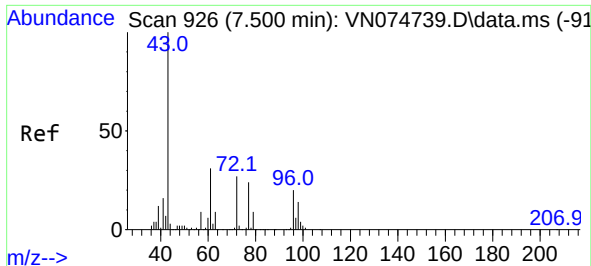
Ion Ratio Lower Upper

75 100

110 4.1 17.2 51.5#

77 0.0 24.3 36.5#

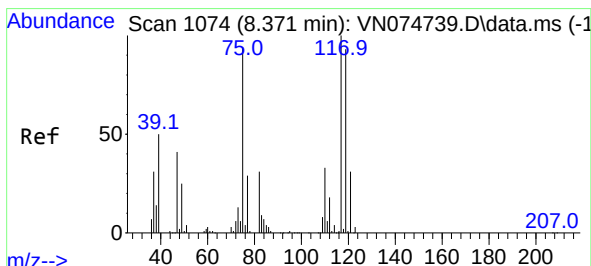
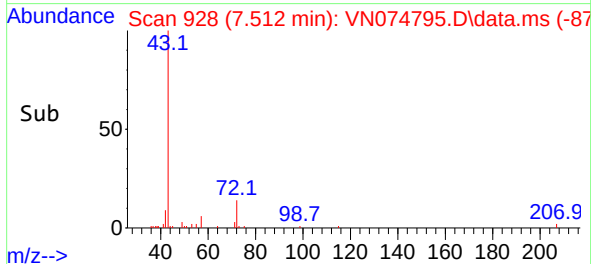
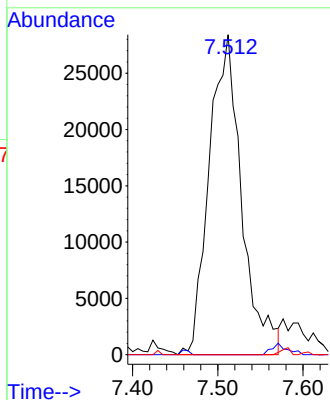
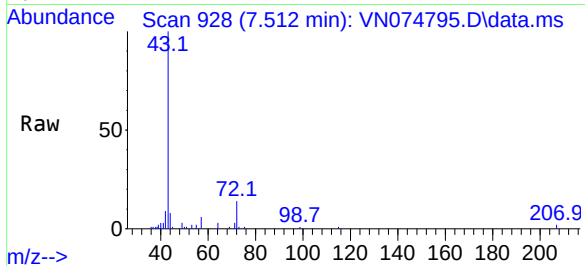




#37
Ethyl Acetate
Concen: 2.556 ug/l
RT: 7.512 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

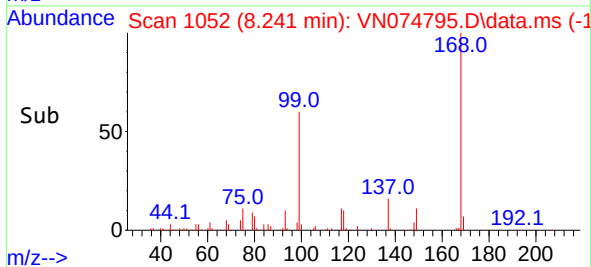
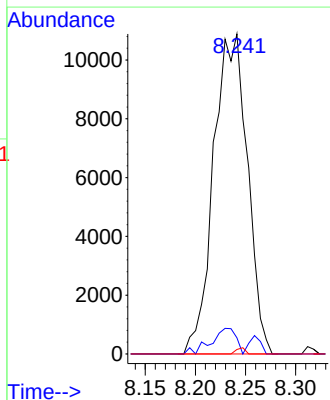
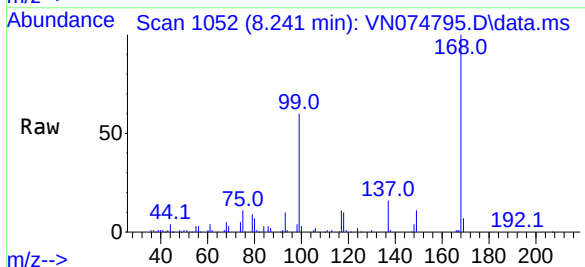
Instrument :
MSVOA_N
ClientSampleId :
CLI-0620

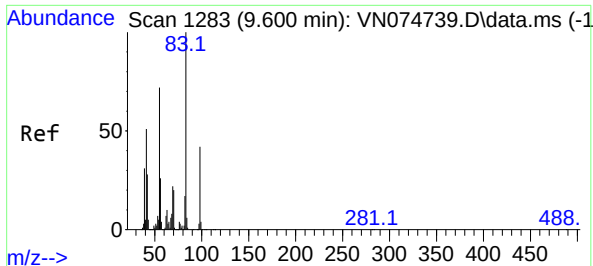
Tgt Ion: 43 Resp: 75009
Ion Ratio Lower Upper
43 100
61 0.0 4.3 6.5#
70 0.0 3.0 4.4#



#38
Carbon Tetrachloride
Concen: 3.699 ug/l
RT: 8.241 min Scan# 1052
Delta R.T. -0.130 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

Tgt Ion: 117 Resp: 25525
Ion Ratio Lower Upper
117 100
119 5.0 74.3 111.5#
121 1.4 25.0 37.4#

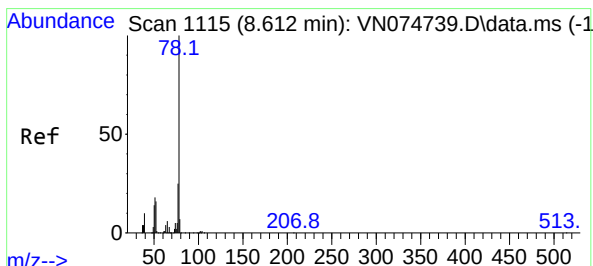
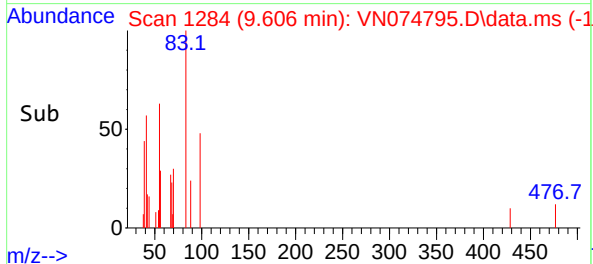
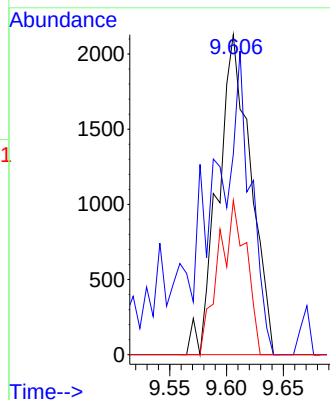
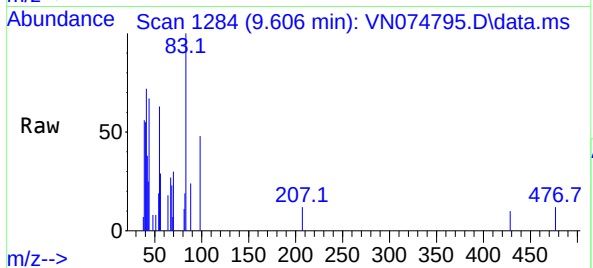




#39
Methylcyclohexane
Concen: 0.448 ug/l
RT: 9.606 min Scan# 1115
Delta R.T. 0.006 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

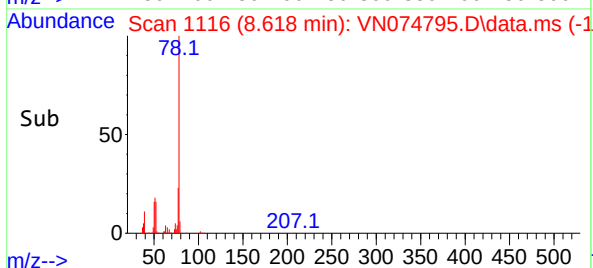
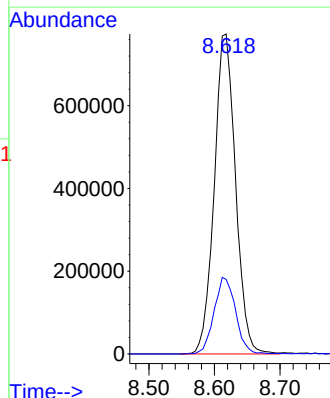
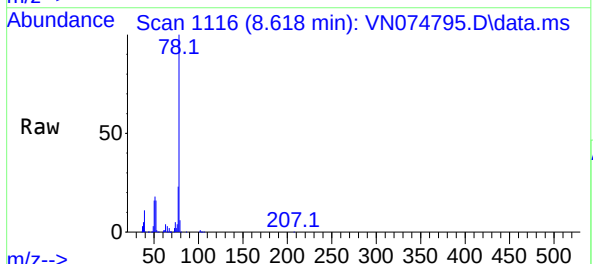
Instrument :
MSVOA_N
ClientSampleId :
CLI-0620

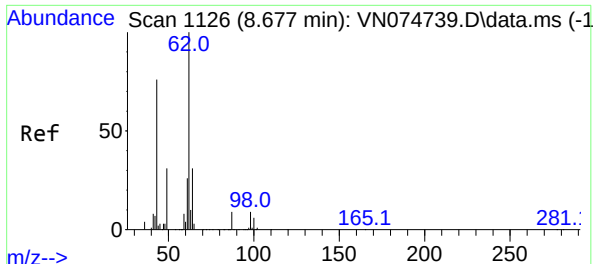
Tgt Ion:	83	Resp:	4250
Ion	Ratio	Lower	Upper
83	100		
55	62.7	57.3	85.9
98	48.2	33.4	50.2



#40
Benzene
Concen: 73.668 ug/l
RT: 8.618 min Scan# 1116
Delta R.T. 0.006 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

Tgt Ion:	78	Resp:	1744923
Ion	Ratio	Lower	Upper
78	100		
77	23.3	20.1	30.1

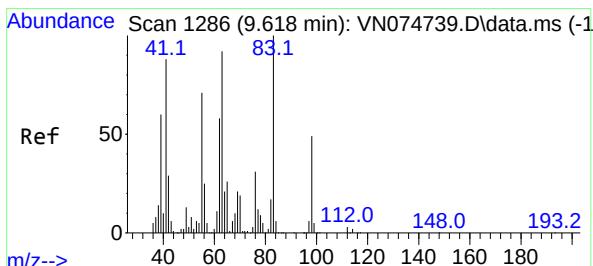
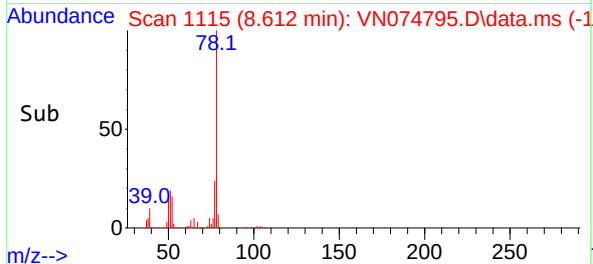
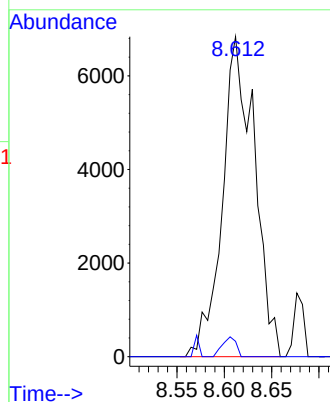
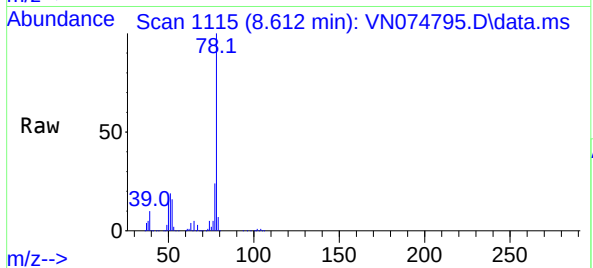




#42
1,2-Dichloroethane
Concen: 2.169 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.065 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

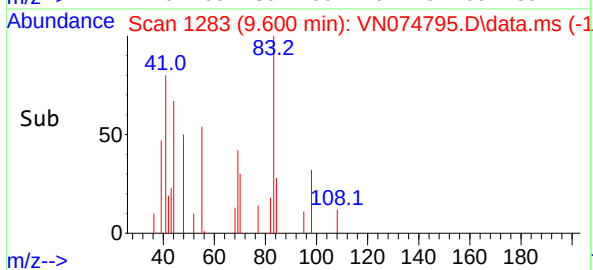
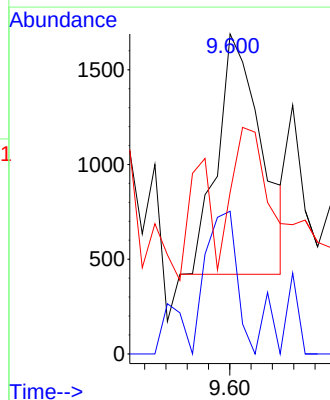
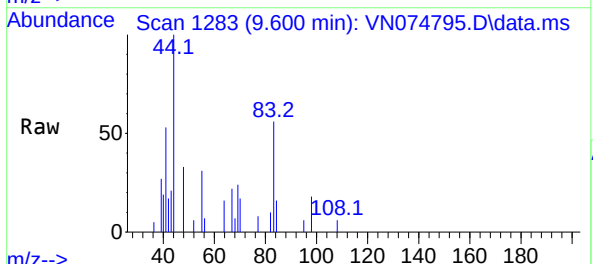
Instrument :
MSVOA_N
ClientSampleId :
CLI-0620

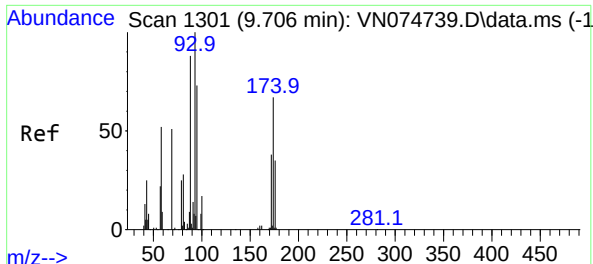
Tgt Ion: 62 Resp: 16125
Ion Ratio Lower Upper
62 100
98 2.7 0.0 19.4



#48
Methyl methacrylate
Concen: 0.245 ug/l
RT: 9.600 min Scan# 1283
Delta R.T. -0.018 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

Tgt Ion: 41 Resp: 1823
Ion Ratio Lower Upper
41 100
69 51.1 0.0 0.0#
39 144.4 54.4 81.6#

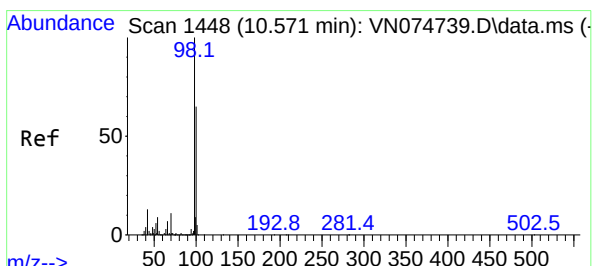
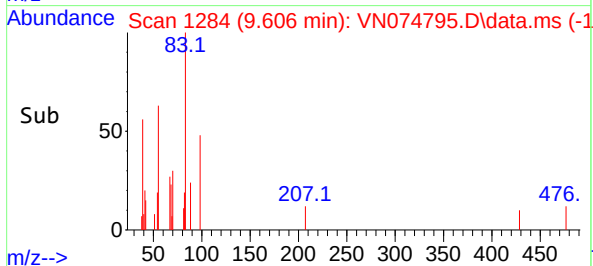
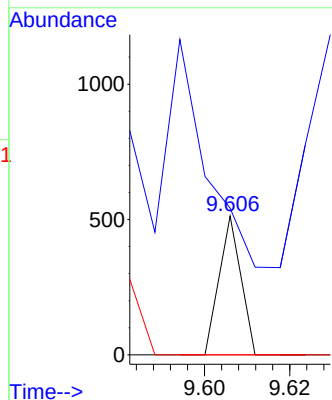
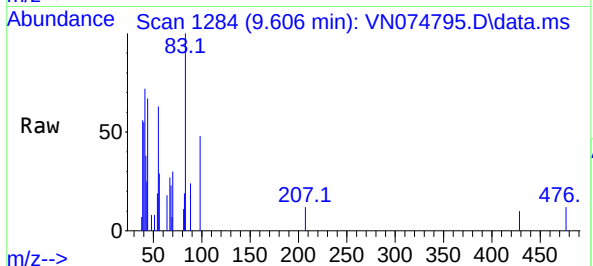




#49
1,4-Dioxane
Concen: 1.122 ug/l
RT: 9.606 min Scan# 11
Delta R.T. -0.100 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

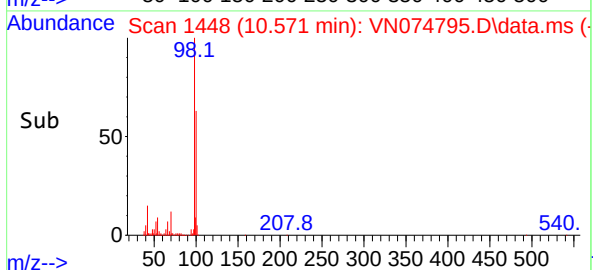
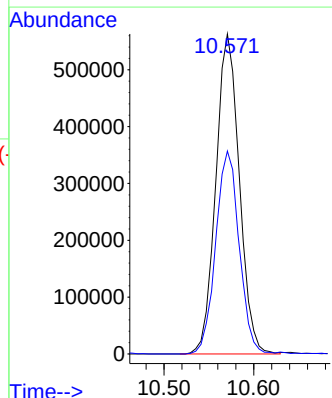
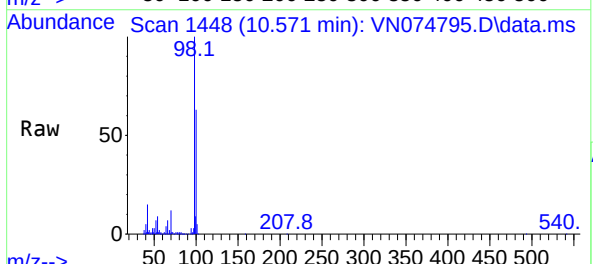
Instrument :
MSVOA_N
ClientSampleId :
CLI-0620

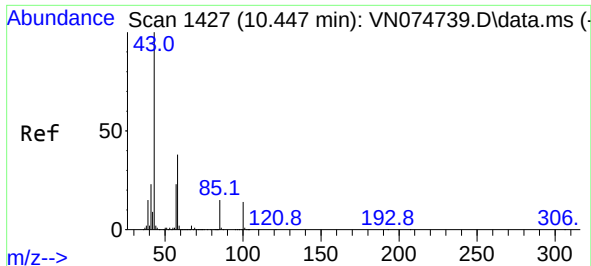
Tgt Ion: 88 Resp: 181
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.2#
58 0.0 54.9 82.3#



#50
Toluene-d8
Concen: 52.755 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

Tgt Ion: 98 Resp: 1023265
Ion Ratio Lower Upper
98 100
100 63.3 50.7 76.1

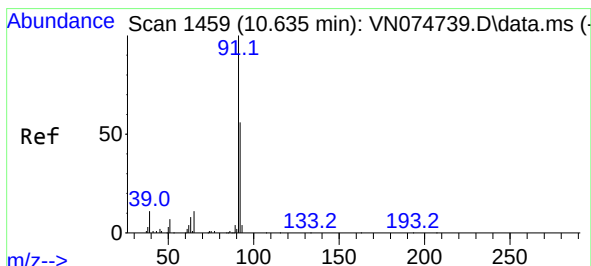
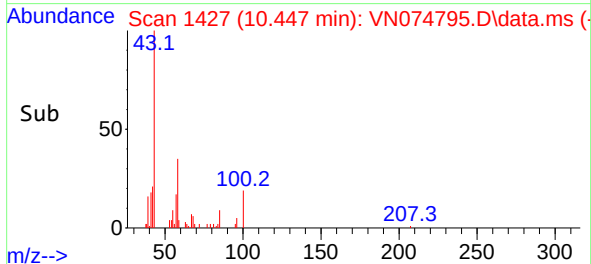
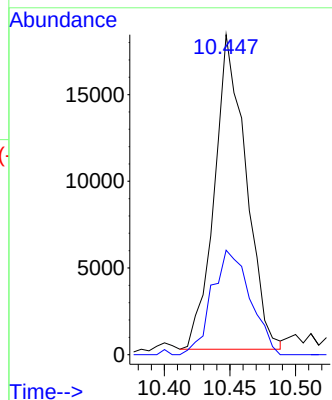
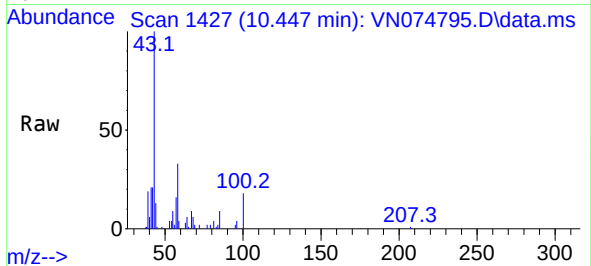




#51
4-Methyl-2-Pentanone
Concen: 2.607 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

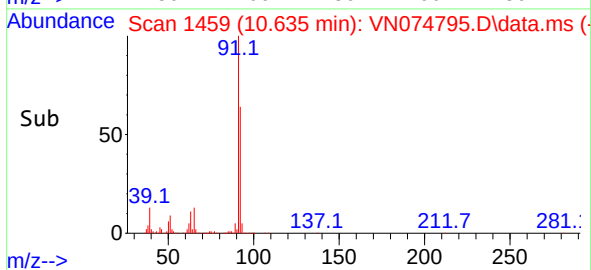
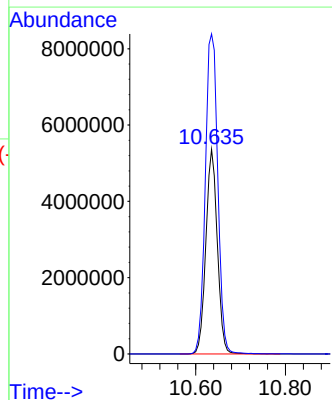
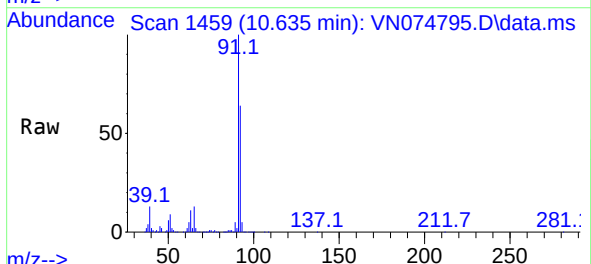
Instrument :
MSVOA_N
ClientSampleId :
CLI-0620

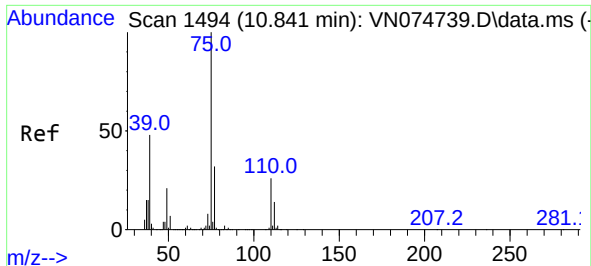
Tgt Ion: 43 Resp: 30446
Ion Ratio Lower Upper
43 100
58 40.0 30.6 45.8



#52
Toluene
Concen: 666.987 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

Tgt Ion: 92 Resp: 9490693
Ion Ratio Lower Upper
92 100
91 170.2 140.2 210.4

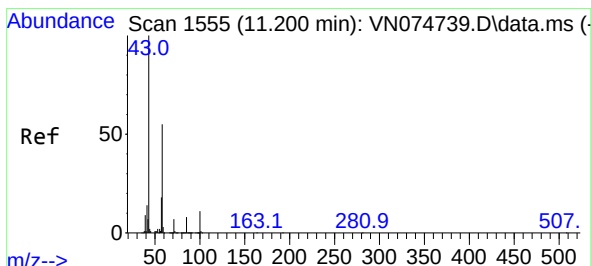
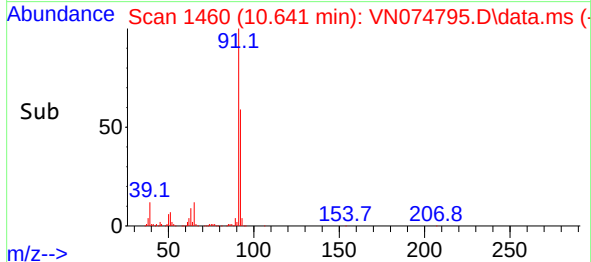
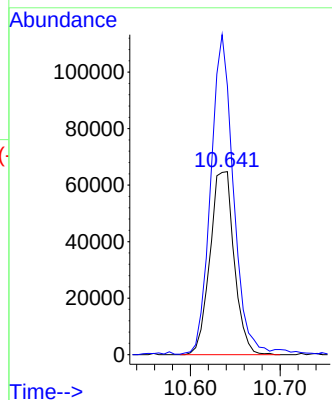
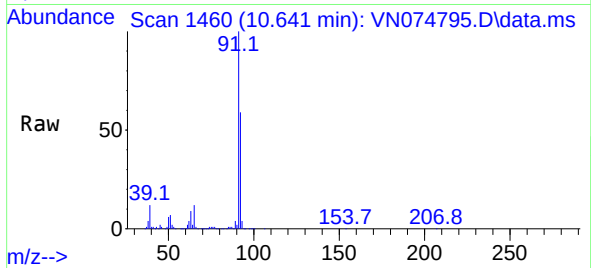




#53
t-1,3-Dichloropropene
Concen: 13.224 ug/l
RT: 10.641 min Scan# 1494
Delta R.T. -0.200 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

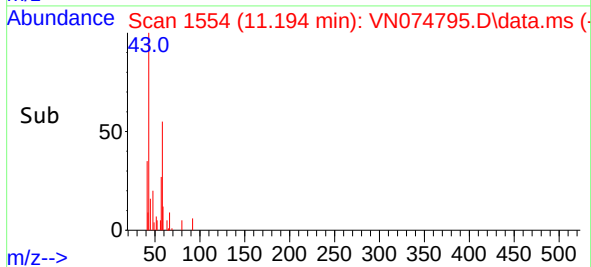
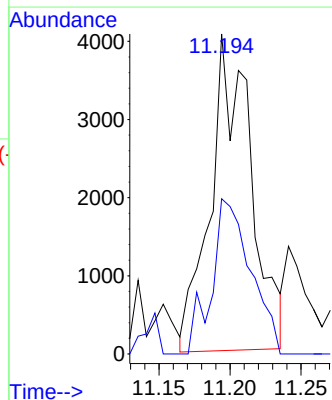
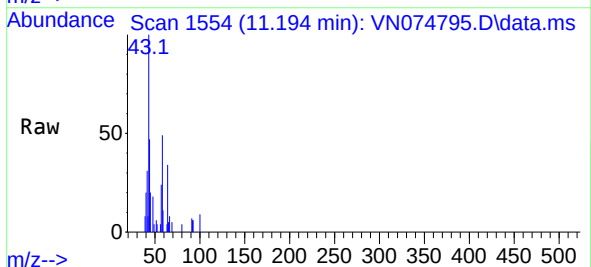
Instrument :
MSVOA_N
ClientSampleId :
CLI-0620

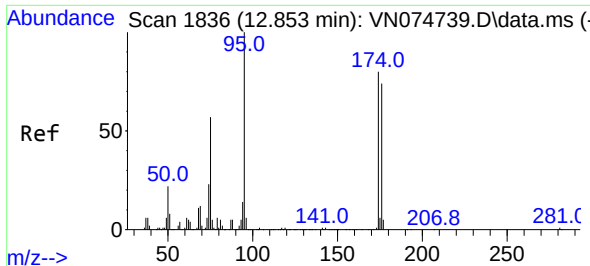
Tgt Ion: 75 Resp: 121154
Ion Ratio Lower Upper
75 100
77 146.5 26.0 39.0#



#59
2-Hexanone
Concen: 0.914 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

Tgt Ion: 43 Resp: 8070
Ion Ratio Lower Upper
43 100
58 47.0 27.3 81.9

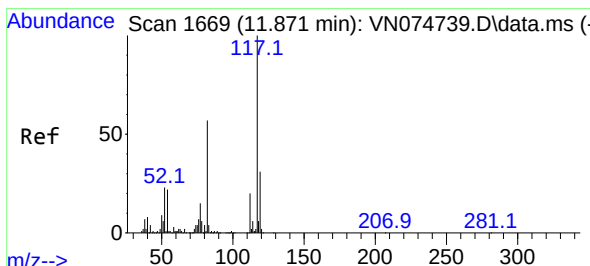
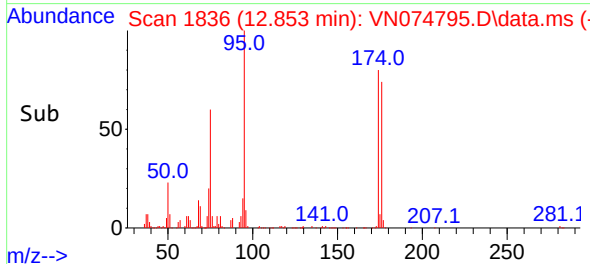
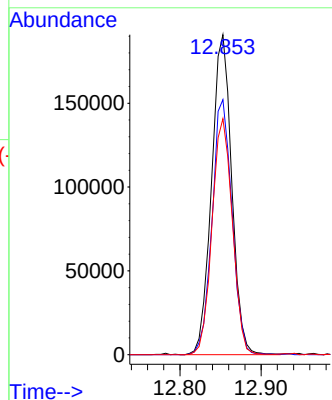
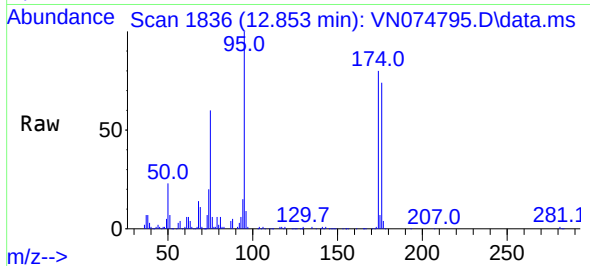




#62
4-Bromofluorobenzene
Concen: 55.744 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

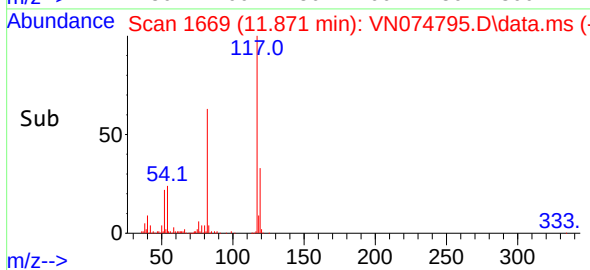
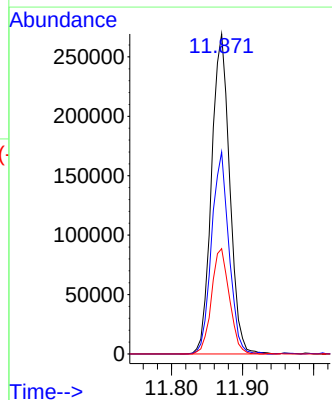
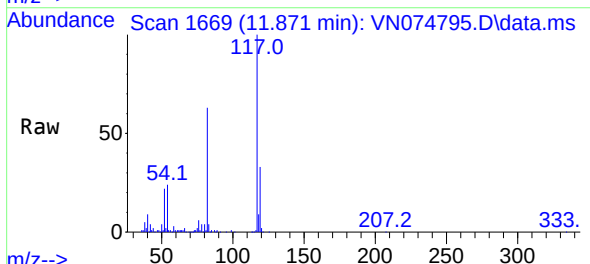
Instrument :
MSVOA_N
ClientSampleId :
CLI-0620

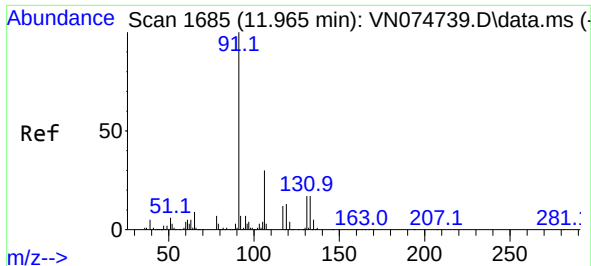
Tgt Ion: 95 Resp: 328675
Ion Ratio Lower Upper
95 100
174 79.1 0.0 149.4
176 74.3 0.0 142.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

Tgt Ion: 117 Resp: 477137
Ion Ratio Lower Upper
117 100
82 63.1 45.4 68.2
119 32.9 25.1 37.7

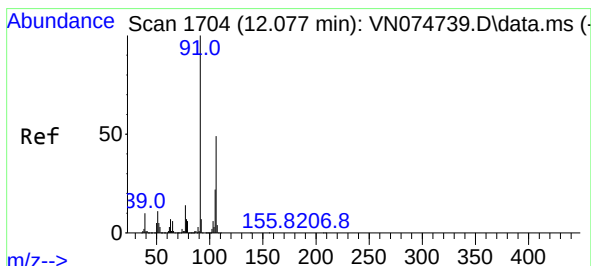
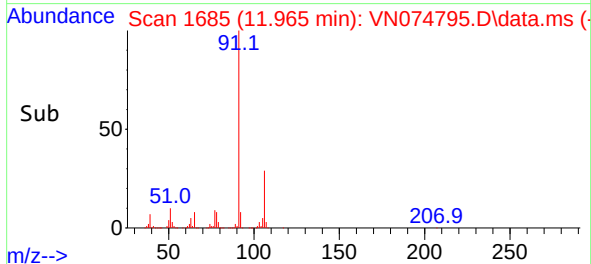
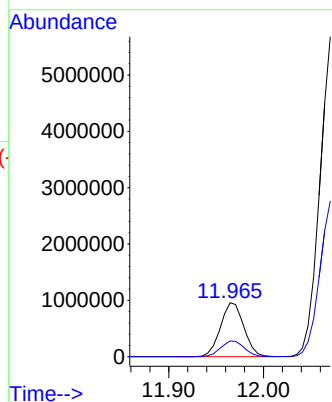
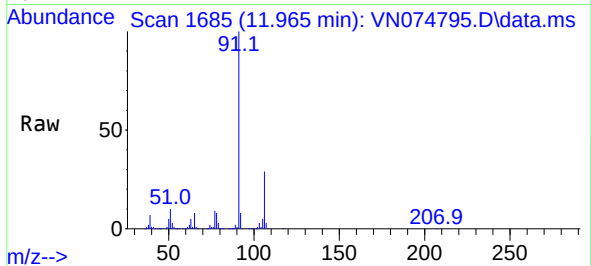




#67
Ethyl Benzene
Concen: 60.362 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

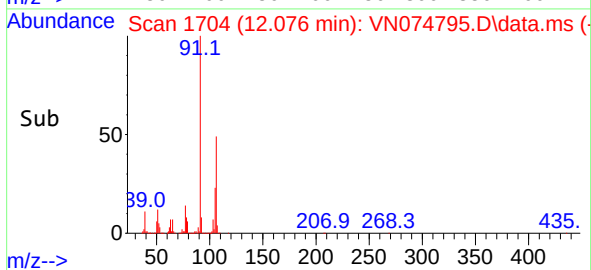
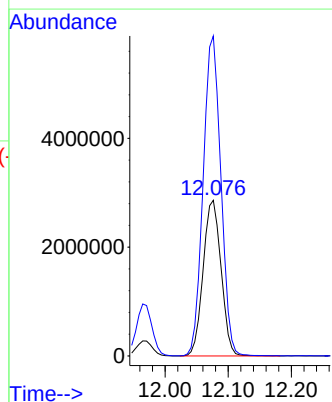
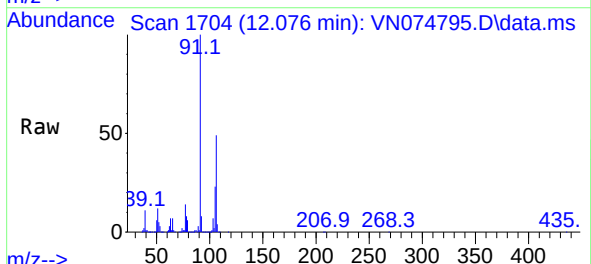
Instrument :
MSVOA_N
ClientSampleId :
CLI-0620

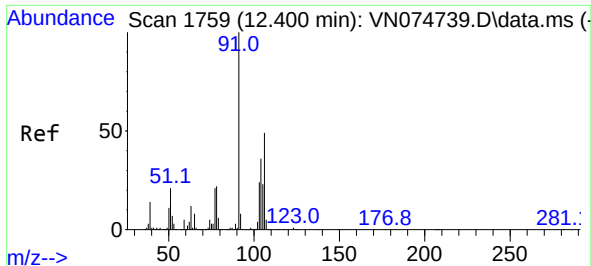
Tgt Ion: 91 Resp: 1644589
Ion Ratio Lower Upper
91 100
106 29.1 24.1 36.1



#68
m/p-Xylenes
Concen: 551.352 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

Tgt Ion:106 Resp: 5639070
Ion Ratio Lower Upper
106 100
91 203.1 164.2 246.4

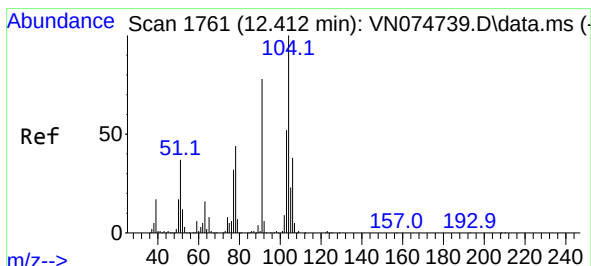
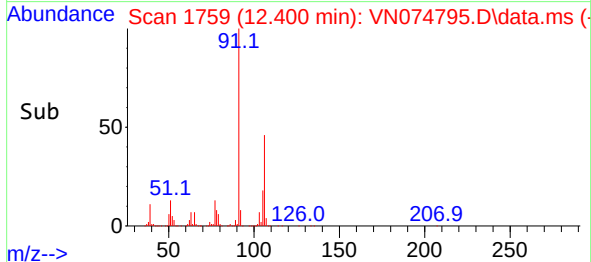
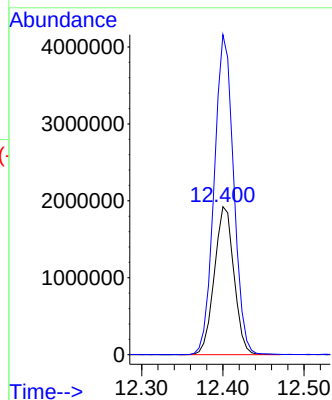
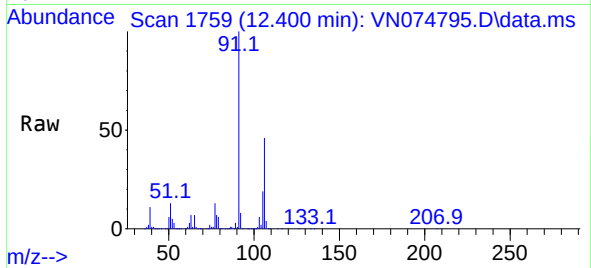




#69
o-Xylene
Concen: 307.929 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

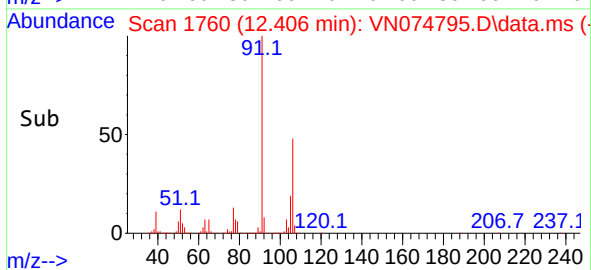
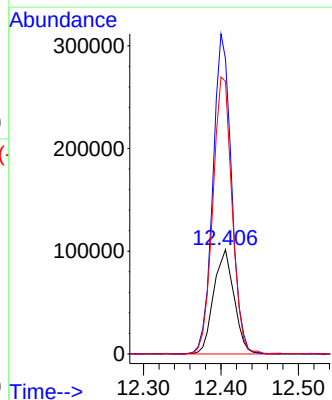
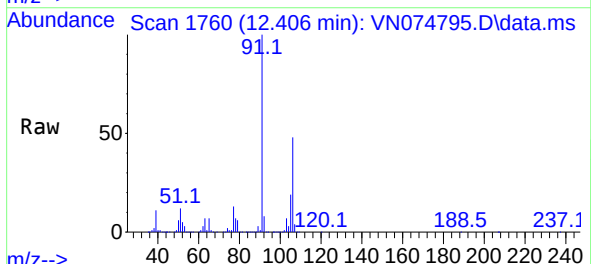
Instrument :
MSVOA_N
ClientSampleId :
CLI-0620

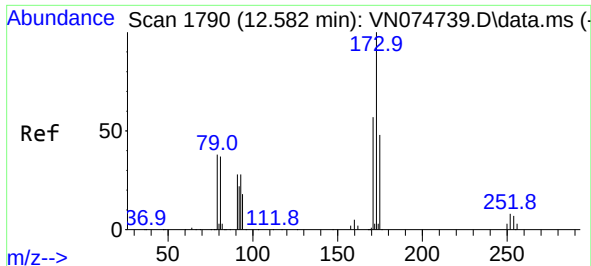
Tgt Ion:106 Resp: 3231138
Ion Ratio Lower Upper
106 100
91 214.4 105.4 316.1



#70
Styrene
Concen: 11.230 ug/l
RT: 12.406 min Scan# 1760
Delta R.T. -0.006 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

Tgt Ion:104 Resp: 185774
Ion Ratio Lower Upper
104 100
78 279.4 39.7 59.5#
103 250.3 44.7 67.1#

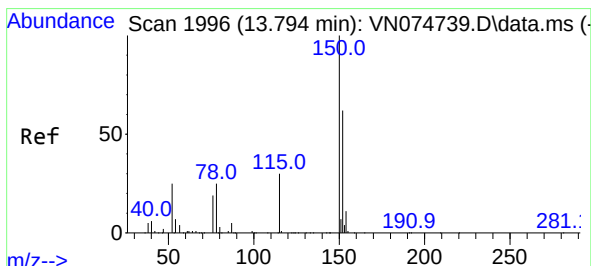
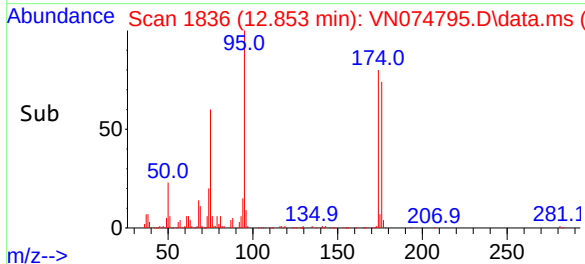
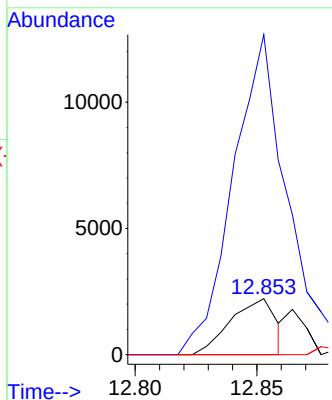
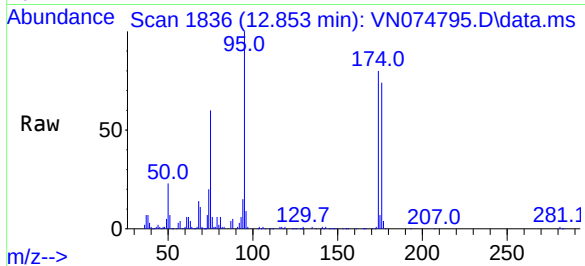




#71
Bromoform
Concen: 0.709 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.270 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

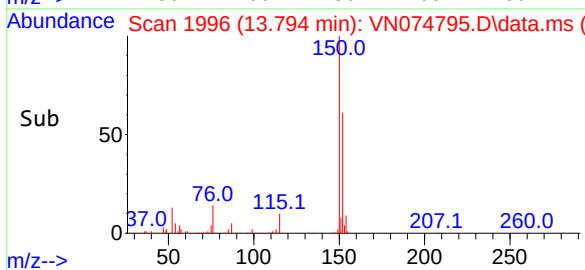
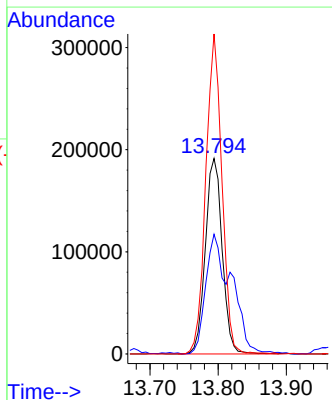
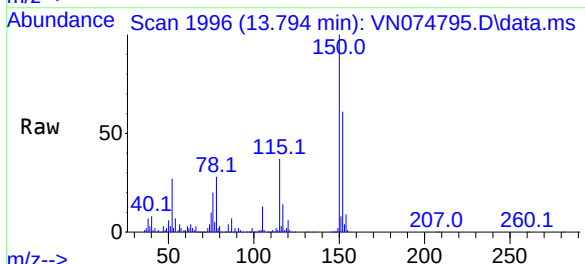
Instrument :
MSVOA_N
ClientSampleId :
CLI-0620

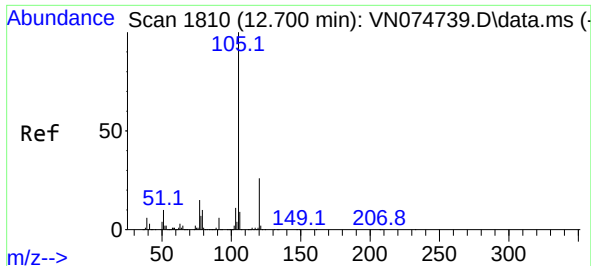
Tgt Ion:173 Resp: 2887
Ion Ratio Lower Upper
173 100
175 545.7 23.9 71.7#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

Tgt Ion:152 Resp: 330002
Ion Ratio Lower Upper
152 100
115 63.1 30.0 90.0
150 156.5 0.0 356.4

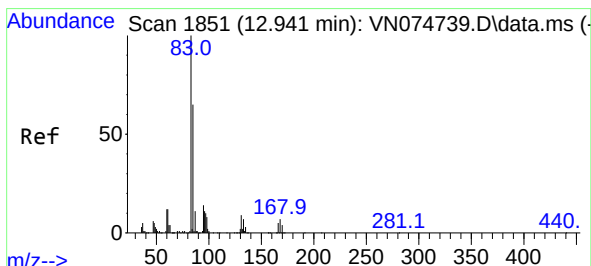
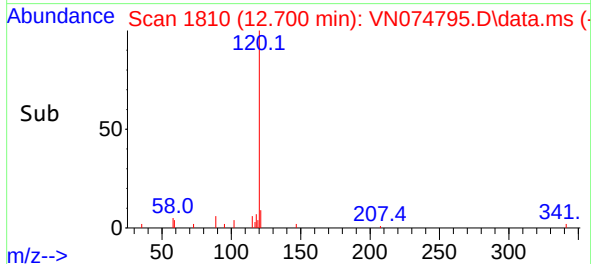
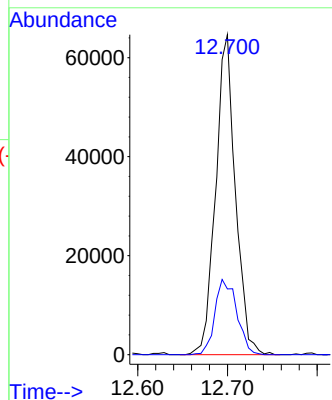
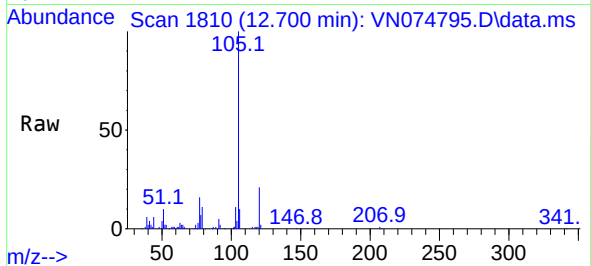




#73
Isopropylbenzene
Concen: 3.108 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

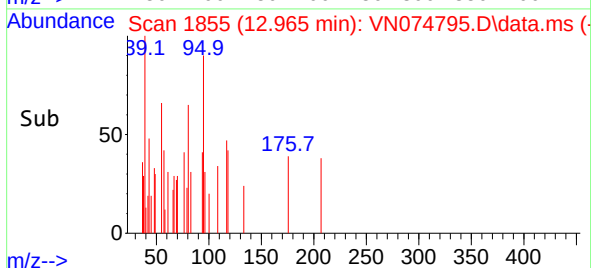
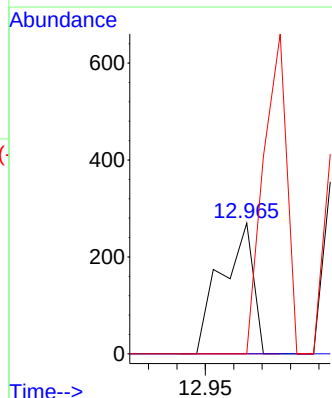
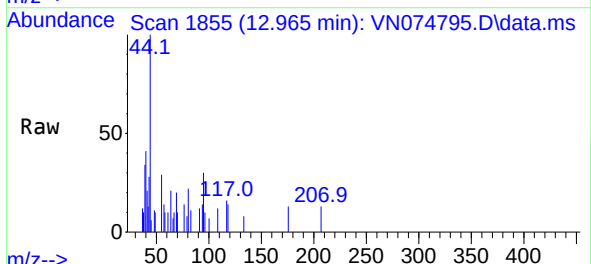
Instrument :
MSVOA_N
ClientSampleId :
CLI-0620

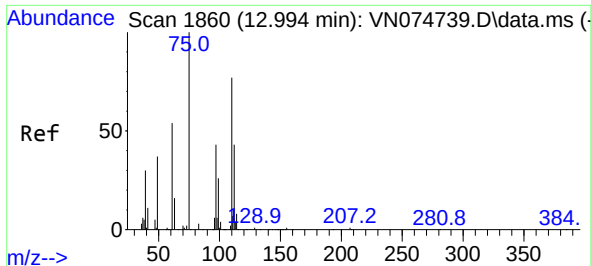
Tgt Ion:105 Resp: 98696
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.3



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.965 min Scan# 1855
Delta R.T. 0.024 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

Tgt Ion: 83 Resp: 211
Ion Ratio Lower Upper
83 100
131 0.0 4.3 12.8#
85 178.7 32.9 98.6#

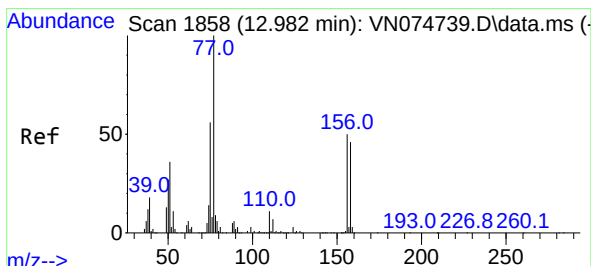
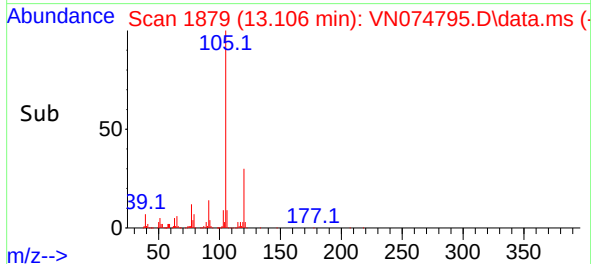
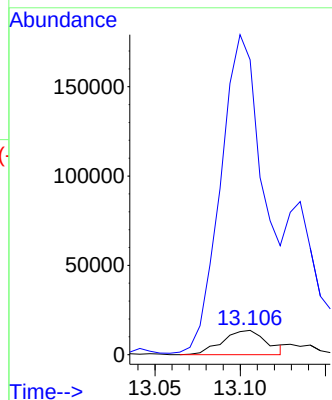
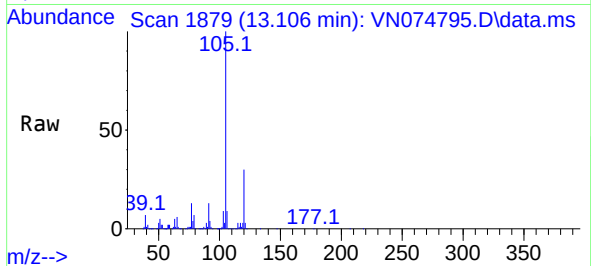




#76
1,2,3-Trichloropropane
Concen: 2.505 ug/l
RT: 13.106 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

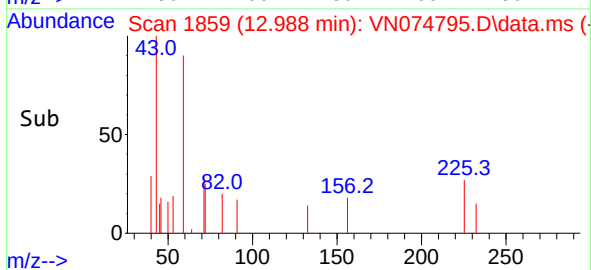
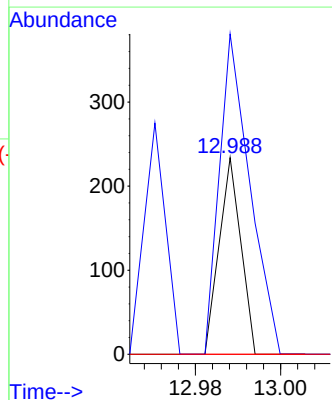
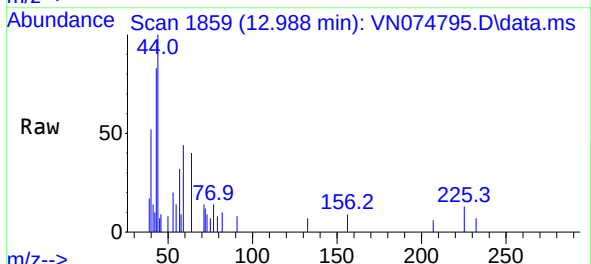
Instrument :
MSVOA_N
ClientSampleId :
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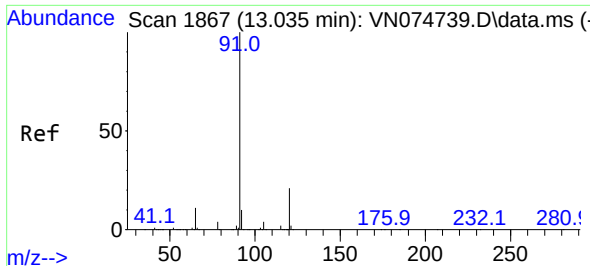
Tgt Ion: 75 Resp: 24671
Ion Ratio Lower Upper
75 100
77 1269.6 76.9 230.7#



#77
Bromobenzene
Concen: Below Cal
RT: 12.988 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

Tgt Ion: 156 Resp: 83
Ion Ratio Lower Upper
156 100
77 0.0 124.7 374.1#
158 0.0 48.3 144.9#

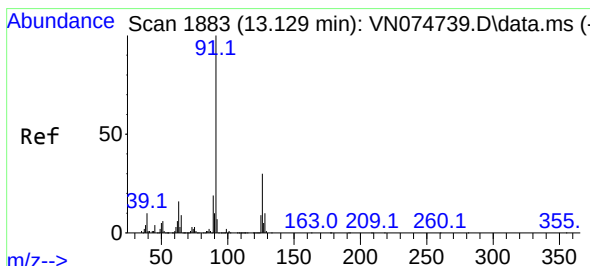
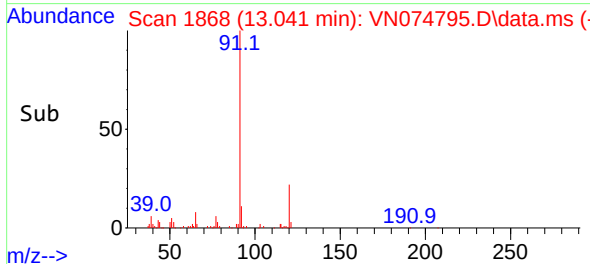
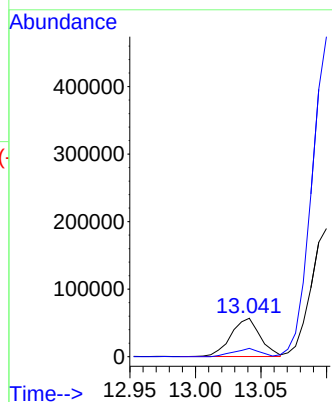
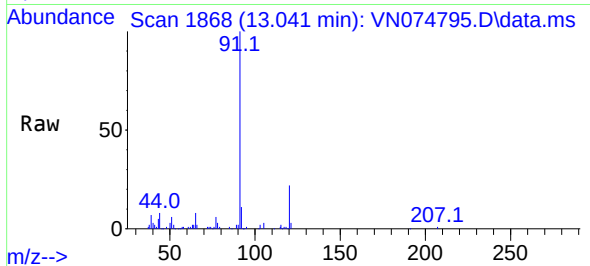




#78
n-propylbenzene
Concen: 2.398 ug/l
RT: 13.041 min Scan# 1867
Delta R.T. 0.006 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

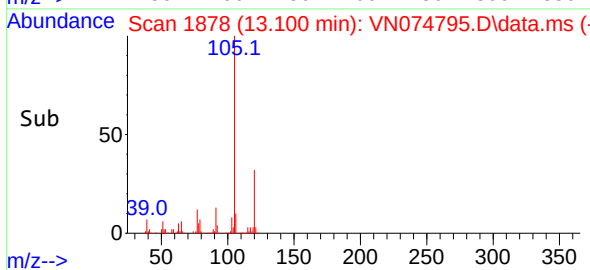
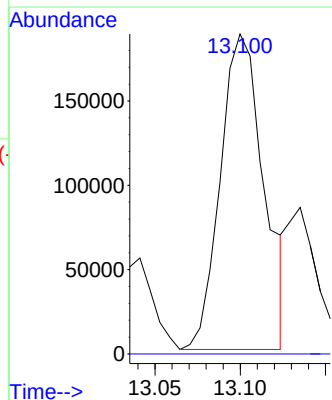
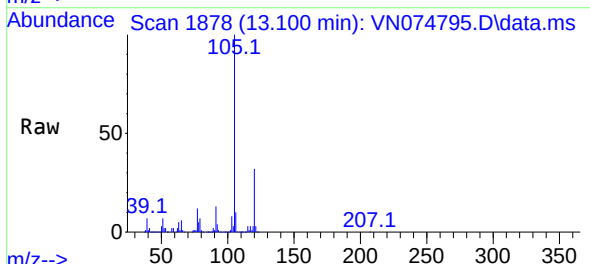
Instrument :
MSVOA_N
ClientSampleId :
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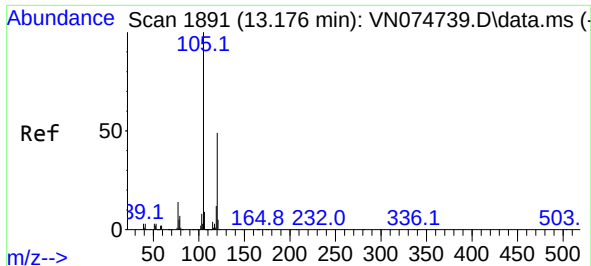
Tgt Ion: 91 Resp: 87743
Ion Ratio Lower Upper
91 100
120 0.0 10.8 32.4#



#79
2-Chlorotoluene
Concen: 14.961 ug/l
RT: 13.100 min Scan# 1878
Delta R.T. -0.030 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

Tgt Ion: 91 Resp: 331890
Ion Ratio Lower Upper
91 100
126 0.0 15.7 47.0#

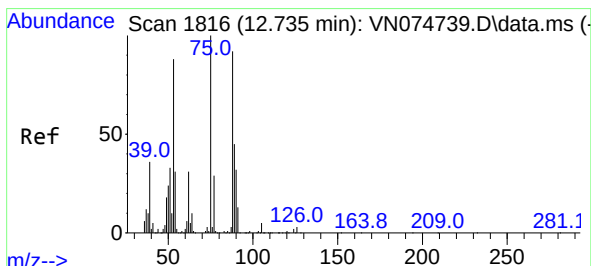
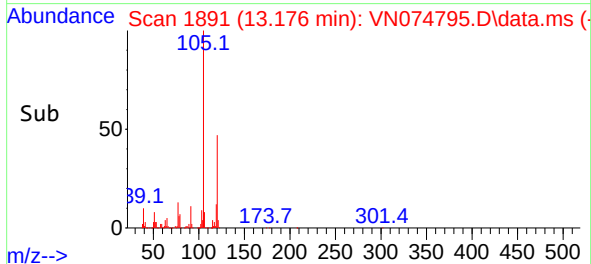
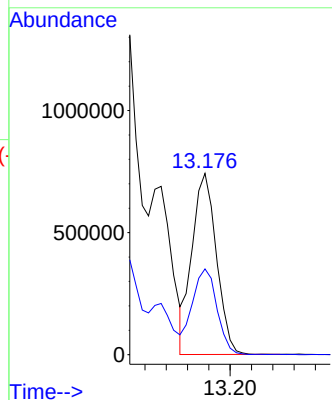
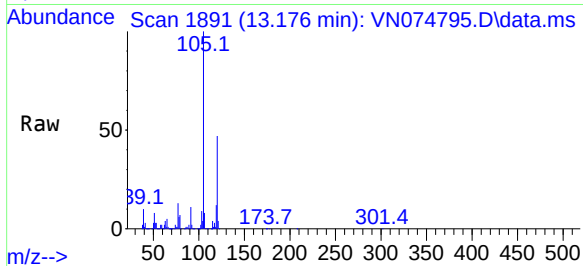




#80
1,3,5-Trimethylbenzene
Concen: 46.621 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

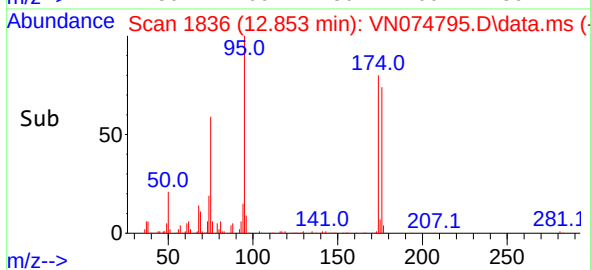
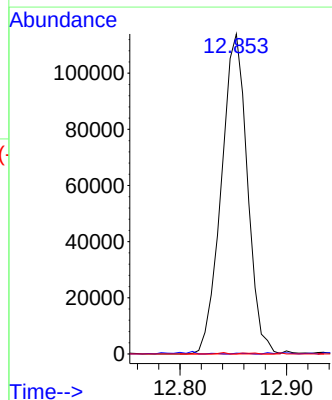
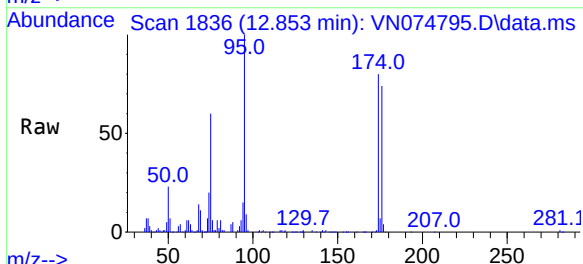
Instrument :
MSVOA_N
ClientSampleId :
CLI-0620

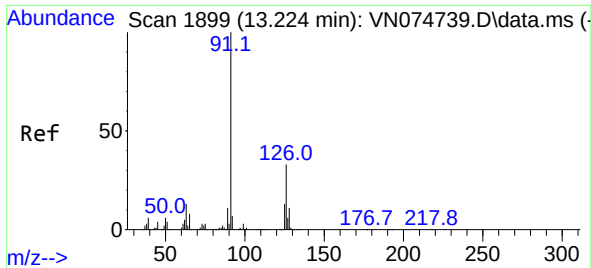
Tgt Ion:105 Resp: 1180744
Ion Ratio Lower Upper
105 100
120 47.9 24.6 73.6



#81
trans-1,4-Dichloro-2-butene
Concen: 38.245 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.117 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

Tgt Ion: 75 Resp: 193342
Ion Ratio Lower Upper
75 100
53 0.1 71.4 107.0#
89 0.2 32.1 48.1#

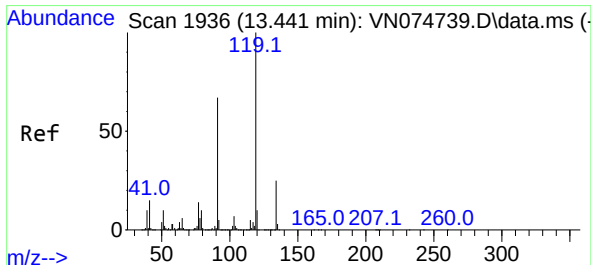
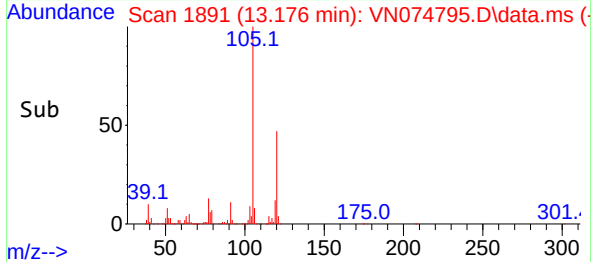
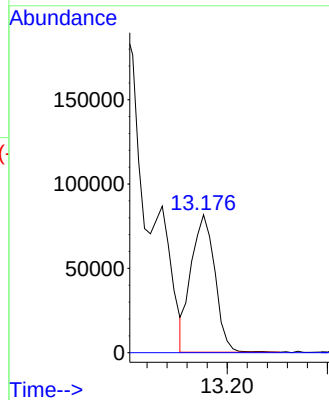
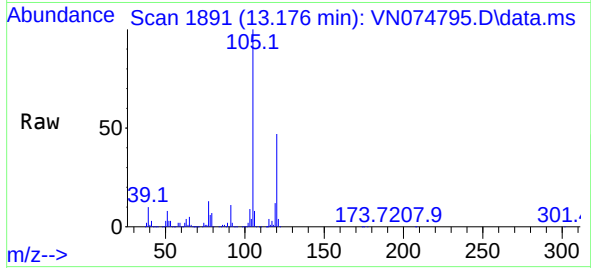




#82
4-Chlorotoluene
Concen: 6.514 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.047 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

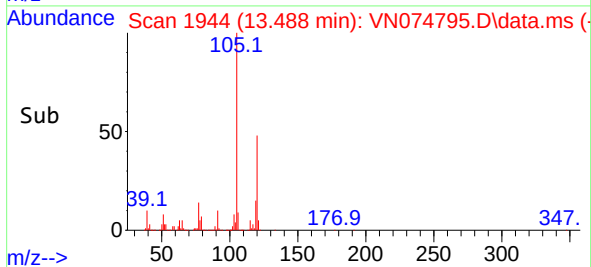
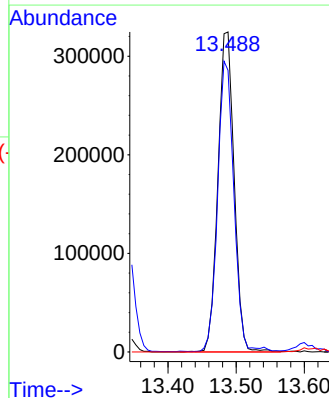
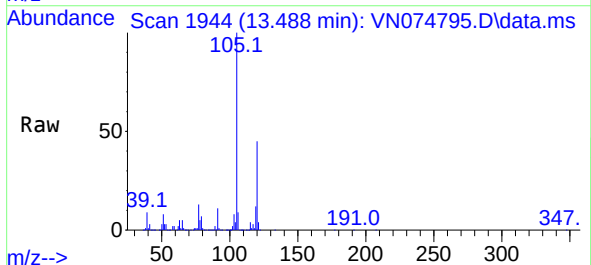
Instrument :
MSVOA_N
ClientSampleId :
CLI-0620

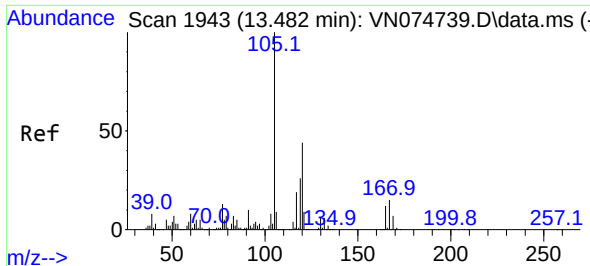
Tgt Ion: 91 Resp: 133930
Ion Ratio Lower Upper
91 100
126 0.0 16.4 49.2#



#83
tert-Butylbenzene
Concen: 24.572 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.047 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

Tgt Ion: 119 Resp: 537769
Ion Ratio Lower Upper
119 100
91 91.2 33.0 98.9
134 0.0 13.2 39.5#

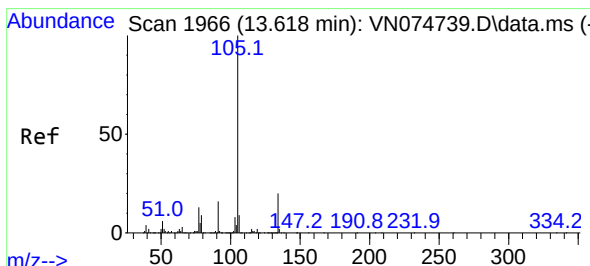
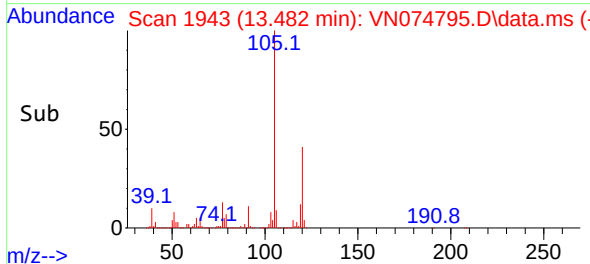
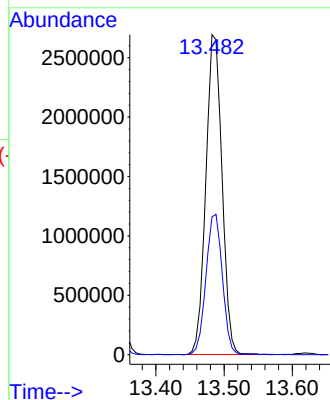
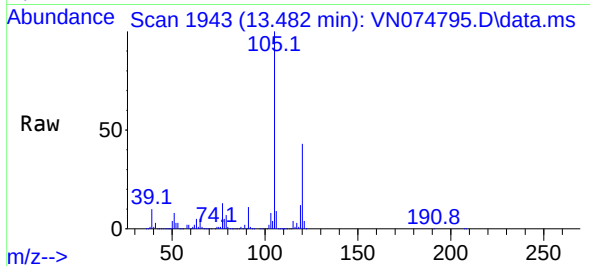




#84
1,2,4-Trimethylbenzene
Concen: 173.644 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

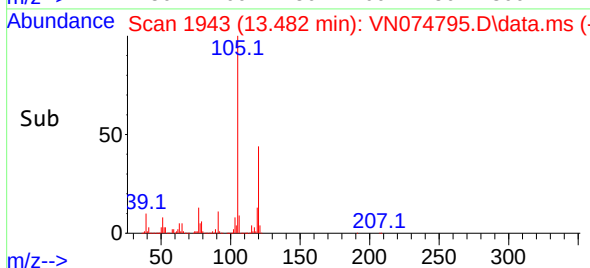
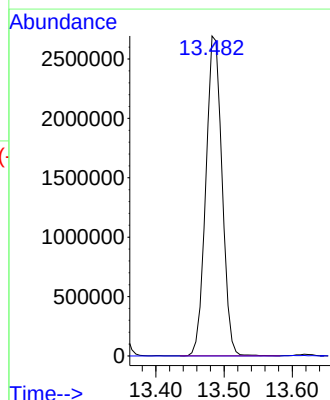
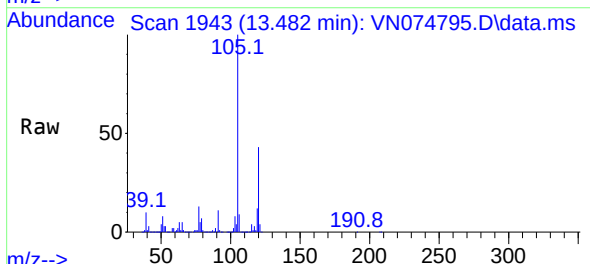
Instrument :
MSVOA_N
ClientSampleId :
CLI-0620

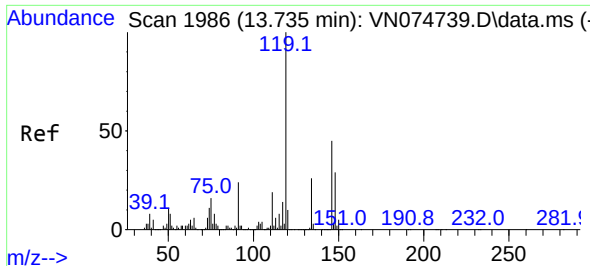
Tgt Ion:105 Resp: 4446791
Ion Ratio Lower Upper
105 100
120 44.7 21.7 65.1



#85
sec-Butylbenzene
Concen: 139.820 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.135 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

Tgt Ion:105 Resp: 4446791
Ion Ratio Lower Upper
105 100
134 0.0 9.4 28.2#

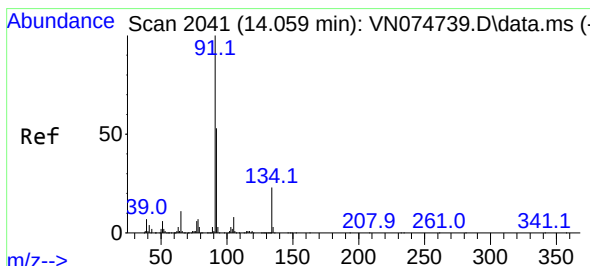
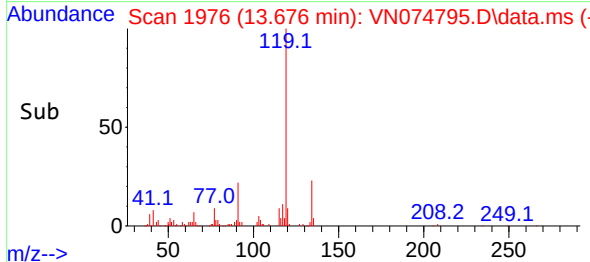
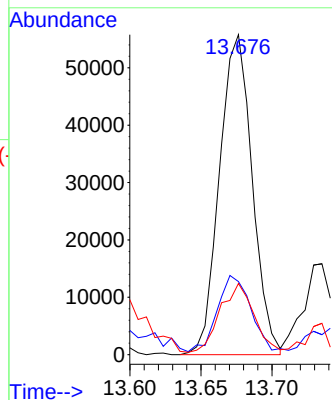
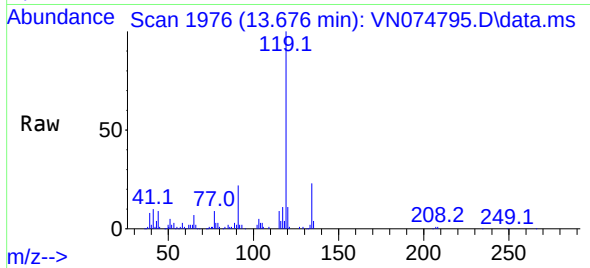




#86
p-Isopropyltoluene
Concen: 3.642 ug/l
RT: 13.676 min Scan# 1986
Delta R.T. -0.059 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

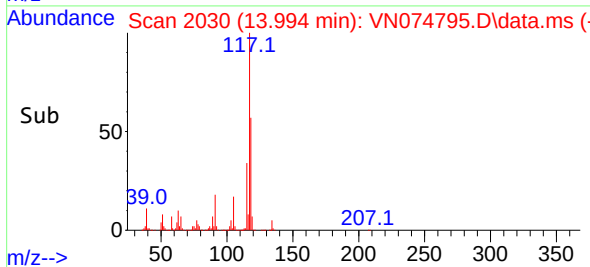
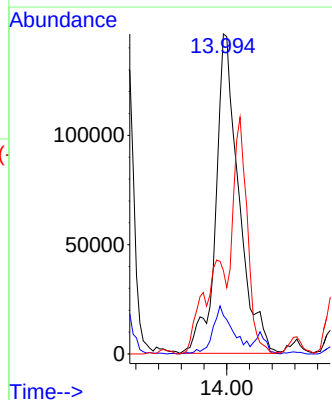
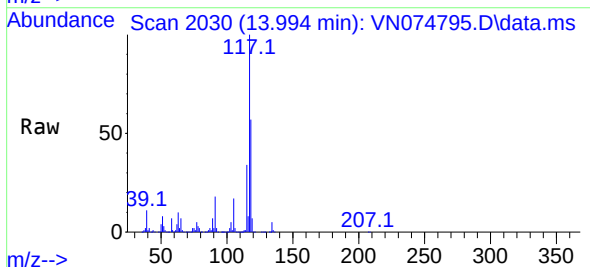
Instrument :
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CLI-0620

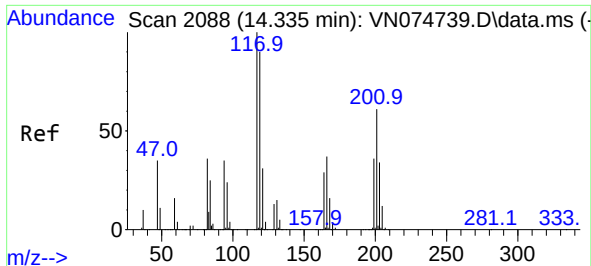
Tgt Ion:119 Resp: 89384
Ion Ratio Lower Upper
119 100
134 26.7 13.1 39.1
91 21.9 12.0 36.0



#89
n-Butylbenzene
Concen: 19.066 ug/l
RT: 13.994 min Scan# 2030
Delta R.T. -0.065 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

Tgt Ion: 91 Resp: 412454
Ion Ratio Lower Upper
91 100
92 13.0 26.7 80.0#
134 28.9 11.9 35.5

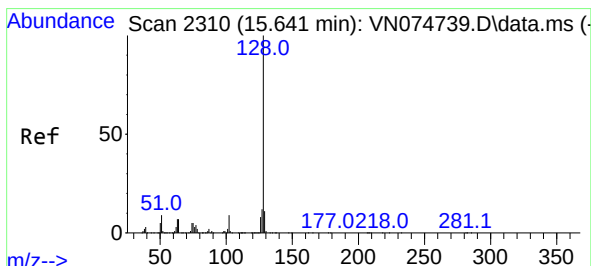
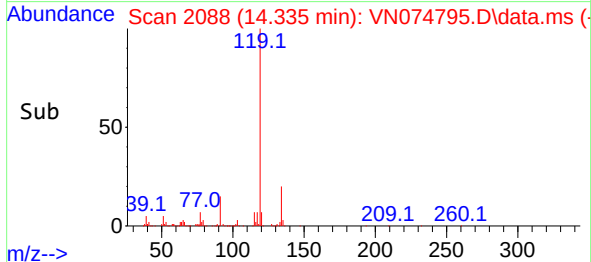
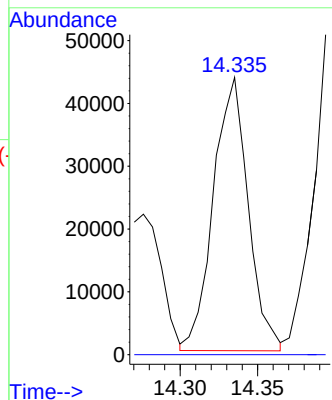
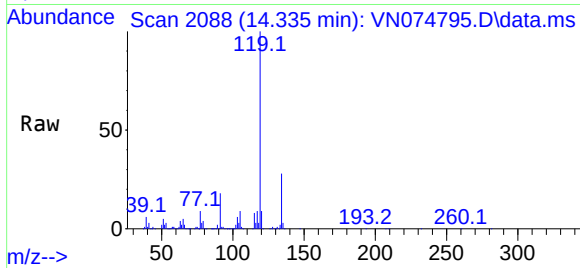




#90
Hexachloroethane
Concen: 12.374 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

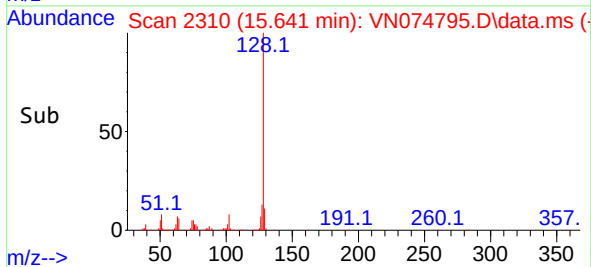
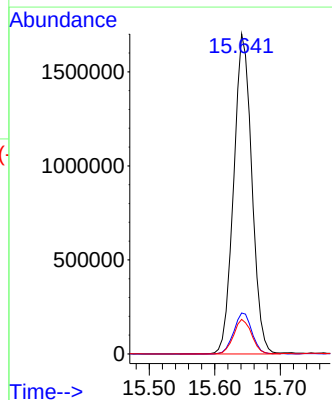
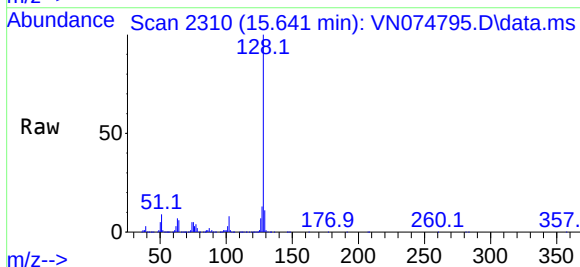
Instrument :
MSVOA_N
ClientSampleId :
CLI-0620

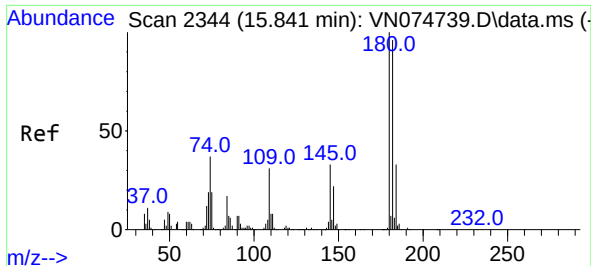
Tgt Ion:117 Resp: 67901
Ion Ratio Lower Upper
117 100
201 0.0 30.3 90.8#



#95
Naphthalene
Concen: 142.840 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN074795.D
Acq: 06 Oct 2022 19:53

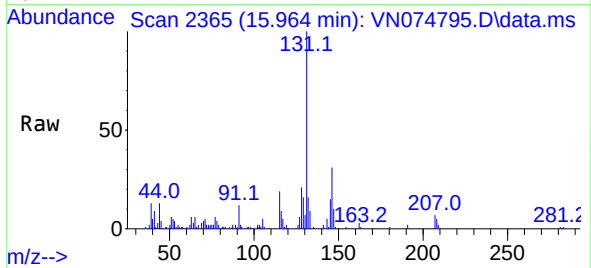
Tgt Ion:128 Resp: 3276198
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.8 9.0 13.4





#96
 1,2,3-Trichlorobenzene
 Concen: Below Cal
 RT: 15.964 min Scan# 21
 Delta R.T. 0.123 min
 Lab File: VN074795.D
 Acq: 06 Oct 2022 19:53

Instrument :
 MSVOA_N
 ClientSampleId :
 CLI-0620



Tgt Ion:180 Resp: 208
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.3 142.0#
 145 9028.4 17.1 51.2#

