

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120522\
 Data File : VN075562.D
 Acq On : 05 Dec 2022 16:31
 Operator : JC\MD
 Sample : N5840-01 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-SILICA-1201DL

Quant Time: Dec 06 03:25:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	171881	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	281937	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	249238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	112706	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	44253	47.964	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.920%		
35) Dibromofluoromethane	8.171	113	56740	51.231	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.460%		
50) Toluene-d8	10.571	98	115828	46.433	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.860%		
62) 4-Bromofluorobenzene	12.853	95	86060	46.741	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.480%		
Target Compounds						Qvalue
3) Chloromethane	2.383	50	485	0.297	ug/l #	42
6) Chloroethane	3.071	64	359	0.230	ug/l #	45
8) Diethyl Ether	3.971	74	15724	15.237	ug/l	98
11) Tert butyl alcohol	5.541	59	15188	39.214	ug/l #	79
16) Acetone	4.447	43	29634	34.434	ug/l	97
18) Methyl Acetate	5.041	43	6847	1.910	ug/l	92
19) Methyl tert-butyl Ether	5.812	73	8783	1.558	ug/l	97
20) Methylene Chloride	5.289	84	1541	Below Cal	#	66
22) Diisopropyl ether	6.694	45	28771	6.124	ug/l #	1
23) Vinyl Acetate	6.688	43	1234	0.330	ug/l #	67
25) 2-Butanone	7.488	43	10795	8.985	ug/l #	88
29) Tetrahydrofuran	7.859	42	255	0.349	ug/l #	26
31) Cyclohexane	8.224	56	4388	1.497	ug/l #	51
36) 1,1-Dichloropropene	8.230	75	11978	4.959	ug/l #	50
37) Ethyl Acetate	7.577	43	784	0.360	ug/l #	66
38) Carbon Tetrachloride	8.230	117	17226	6.492	ug/l #	14
39) Methylcyclohexane	9.600	83	897	0.297	ug/l	88
40) Benzene	8.612	78	260623	35.244	ug/l	98
42) 1,2-Dichloroethane	8.612	62	2125	0.858	ug/l #	75
43) Isopropyl Acetate	8.694	43	4504	1.290	ug/l #	81
45) 1,2-Dichloropropane	9.377	63	1095	0.621	ug/l #	42
48) Methyl methacrylate	9.647	41	2230	1.382	ug/l #	29
49) 1,4-Dioxane	9.706	88	270	5.891	ug/l #	76
51) 4-Methyl-2-Pentanone	10.441	43	851	0.383	ug/l #	82
52) Toluene	10.635	92	360775	75.708	ug/l	99
53) t-1,3-Dichloropropene	10.747	75	3617	1.396	ug/l #	61
54) cis-1,3-Dichloropropene	10.288	75	1431	0.508	ug/l #	1
56) Ethyl methacrylate	10.959	69	559	0.213	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.294	63	1845	1.952	ug/l #	79
59) 2-Hexanone	11.200	43	1635	0.979	ug/l #	21
67) Ethyl Benzene	11.965	91	36181	4.120	ug/l	90
68) m/p-Xylenes	12.070	106	111327	31.219	ug/l	99
69) o-Xylene	12.400	106	37533	10.593	ug/l	98
70) Styrene	12.400	104	2077	0.372	ug/l #	1
73) Isopropylbenzene	12.700	105	5545	0.673	ug/l	95
74) N-amyl acetate	12.465	43	965	0.381	ug/l #	38

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

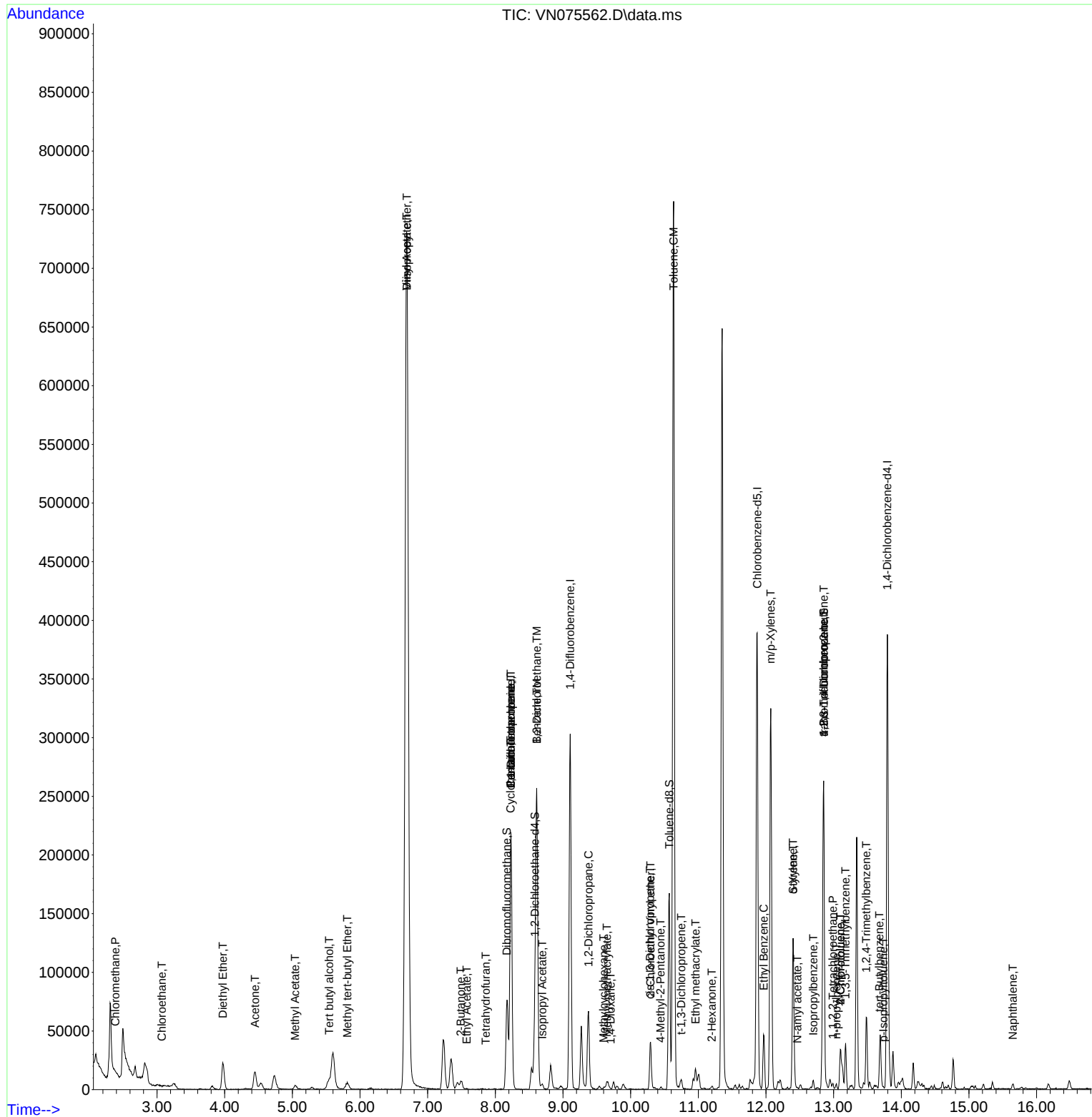
75) 1,1,2,2-Tetrachloroethane	12.988	83	693	0.276	ug/l #	26
76) 1,2,3-Trichloropropane	12.853	75	45099	21.164	ug/l #	1
78) n-propylbenzene	13.041	91	4137	0.450	ug/l	97
79) 2-Chlorotoluene	13.100	91	4137	0.747	ug/l #	41
80) 1,3,5-Trimethylbenzene	13.176	105	21587	3.155	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.853	75	45099	62.618	ug/l #	11
82) 4-Chlorotoluene	13.100	91	4137	0.747	ug/l #	41
83) tert-Butylbenzene	13.676	119	2751	0.441	ug/l	91
84) 1,2,4-Trimethylbenzene	13.482	105	37844	5.515	ug/l	98
86) p-Isopropyltoluene	13.735	119	1589	0.223	ug/l	92
95) Naphthalene	15.647	128	2246	0.371	ug/l #	83

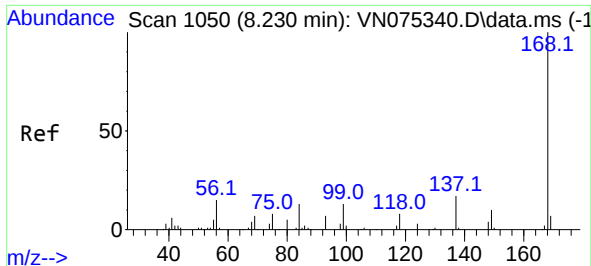
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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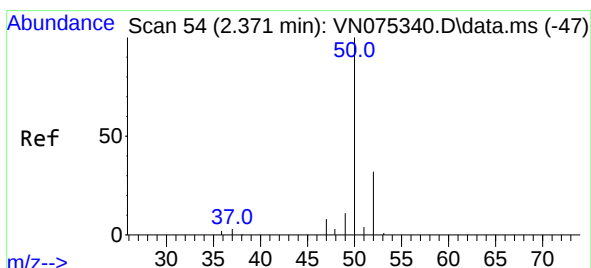
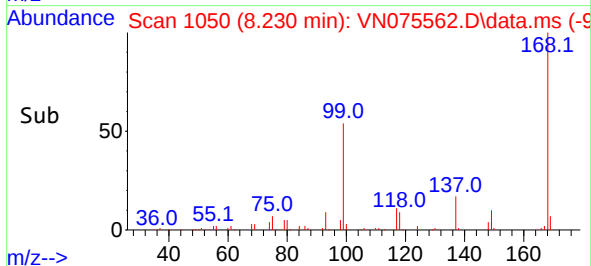
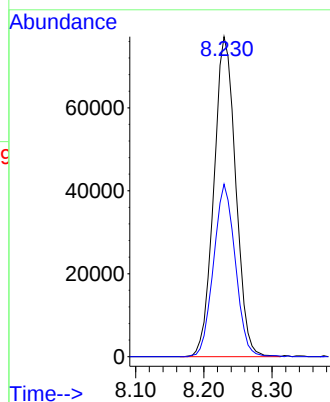
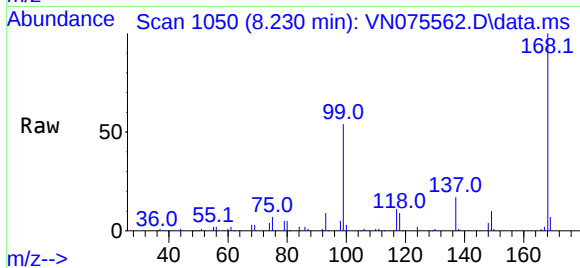




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

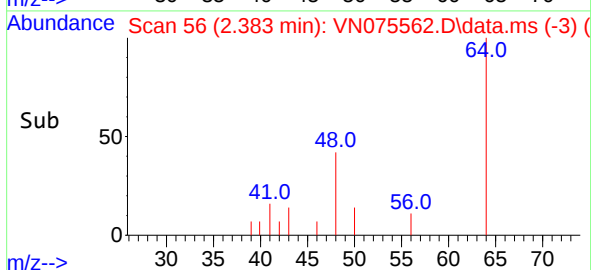
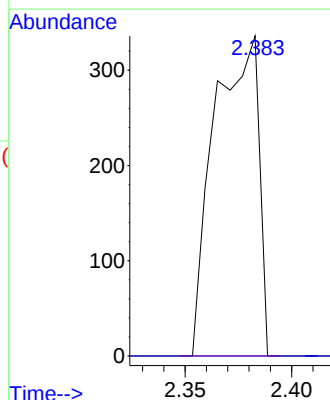
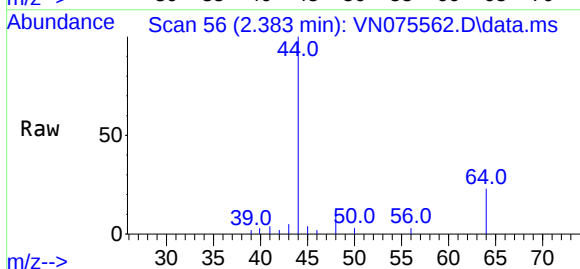
Instrument :
MSVOA_N
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SP-SILICA-1201DL

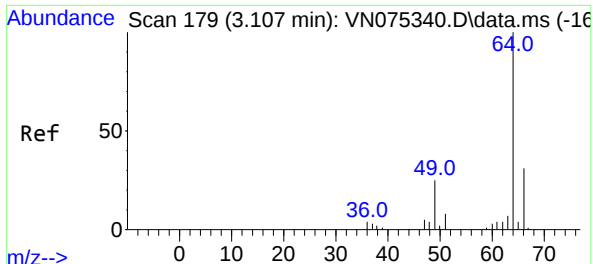
Tgt Ion:168 Resp: 171881
Ion Ratio Lower Upper
168 100
99 53.9 51.6 77.4



#3
Chloromethane
Concen: 0.297 ug/l
RT: 2.383 min Scan# 56
Delta R.T. 0.012 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

Tgt Ion: 50 Resp: 485
Ion Ratio Lower Upper
50 100
52 0.0 25.8 38.6#

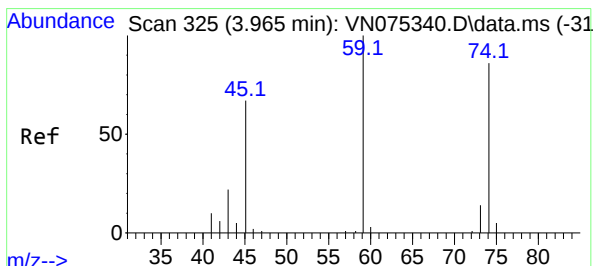
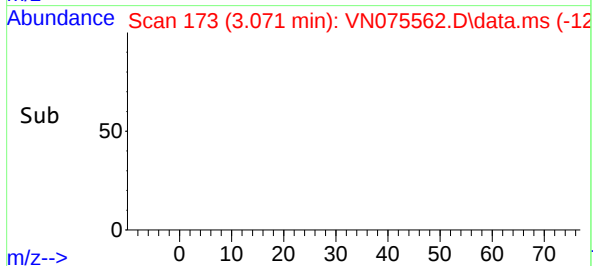
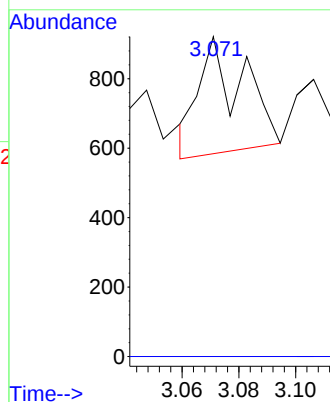
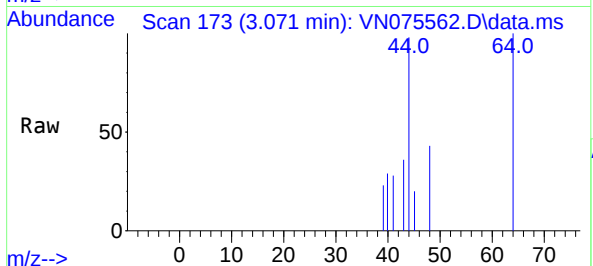




#6
Chloroethane
Concen: 0.230 ug/l
RT: 3.071 min Scan# 11
Delta R.T. -0.036 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

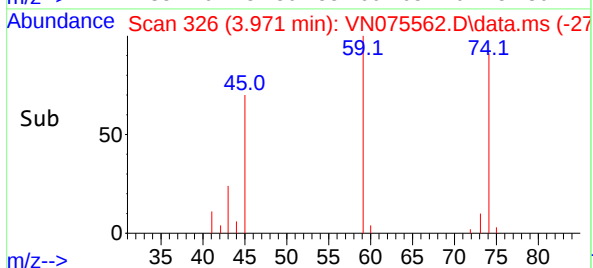
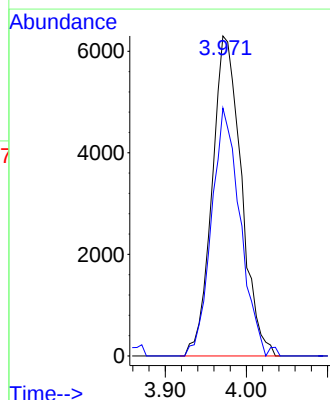
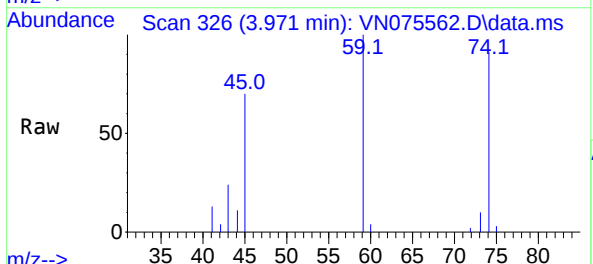
Instrument :
MSVOA_N
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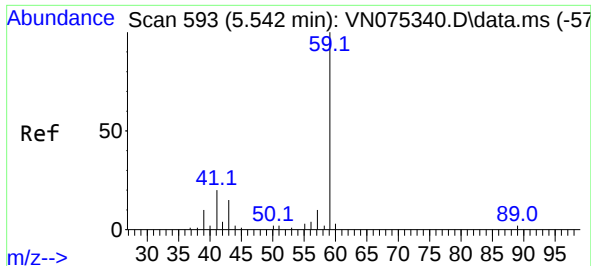
Tgt Ion: 64 Resp: 359
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#8
Diethyl Ether
Concen: 15.237 ug/l
RT: 3.971 min Scan# 326
Delta R.T. 0.006 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

Tgt Ion: 74 Resp: 15724
Ion Ratio Lower Upper
74 100
45 76.5 39.3 117.9

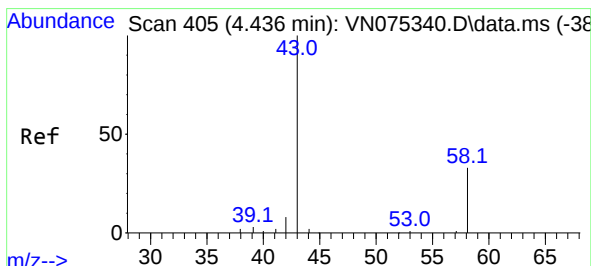
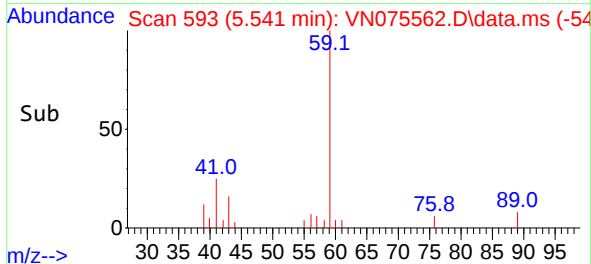
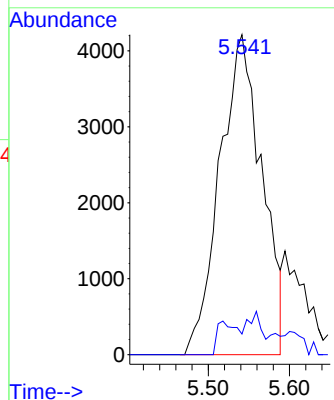
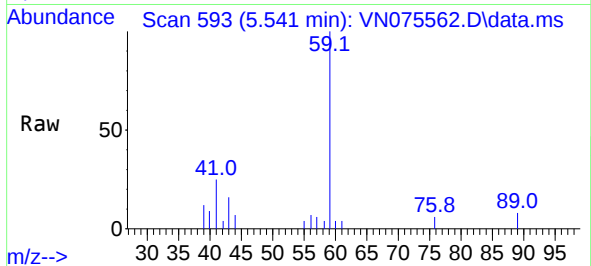




#11
Tert butyl alcohol
Concen: 39.214 ug/l
RT: 5.541 min Scan# 591
Delta R.T. -0.001 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

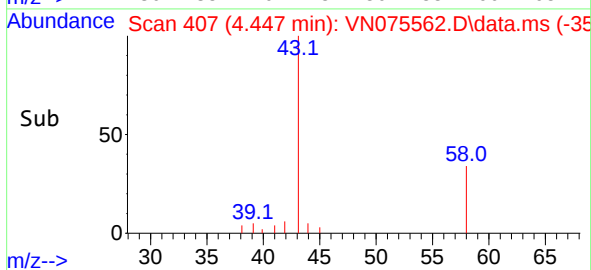
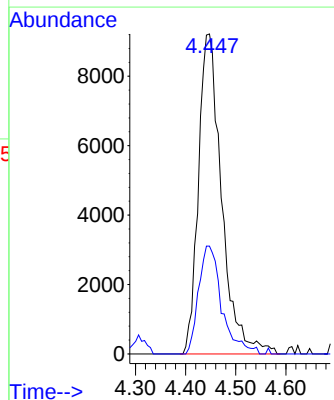
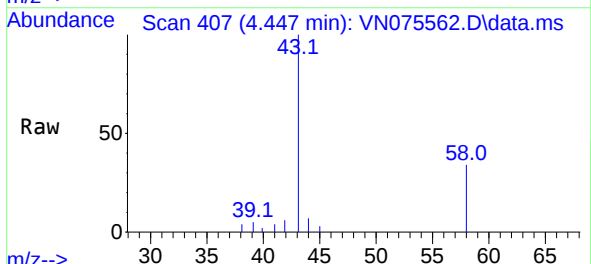
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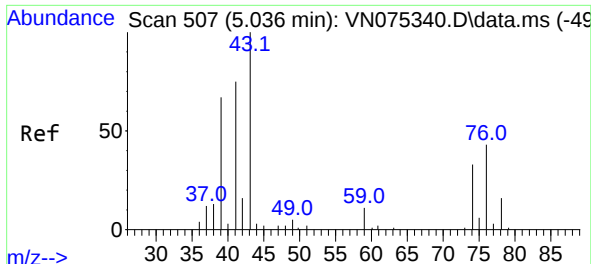
Tgt Ion: 59 Resp: 15188
Ion Ratio Lower Upper
59 100
57 2.7 8.5 12.7#



#16
Acetone
Concen: 34.434 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.011 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

Tgt Ion: 43 Resp: 29634
Ion Ratio Lower Upper
43 100
58 33.7 25.5 38.3

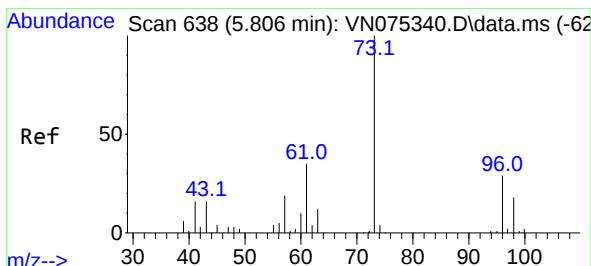
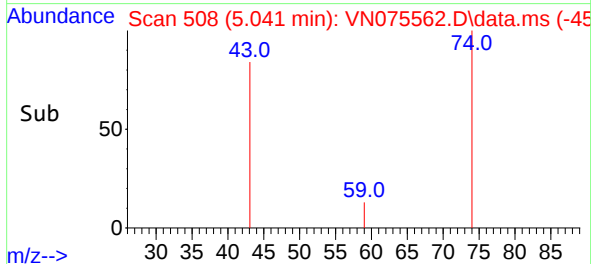
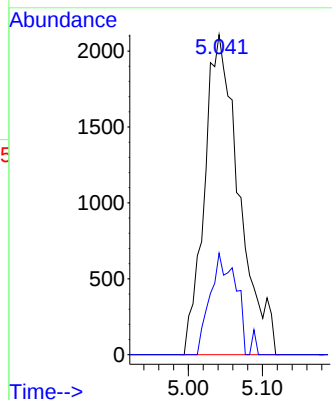
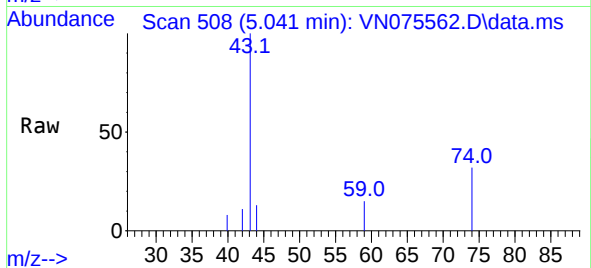




#18
Methyl Acetate
Concen: 1.910 ug/l
RT: 5.041 min Scan# 507
Delta R.T. 0.005 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

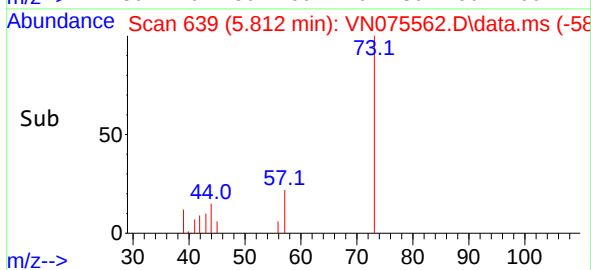
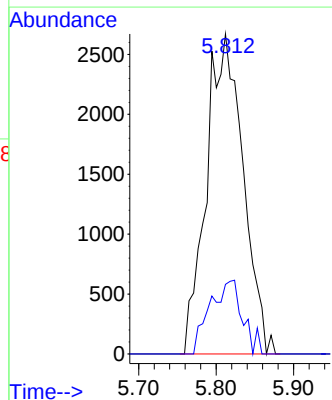
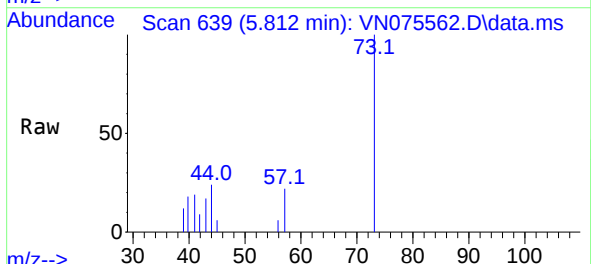
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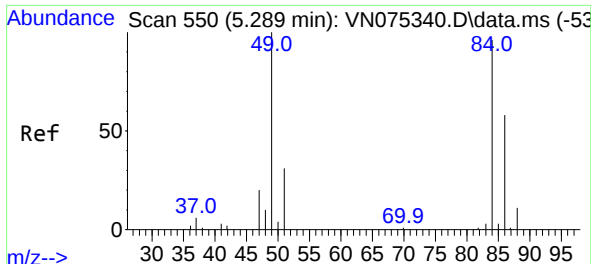
Tgt Ion: 43 Resp: 6847
Ion Ratio Lower Upper
43 100
74 23.1 22.0 33.0



#19
Methyl tert-butyl Ether
Concen: 1.558 ug/l
RT: 5.812 min Scan# 639
Delta R.T. 0.006 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

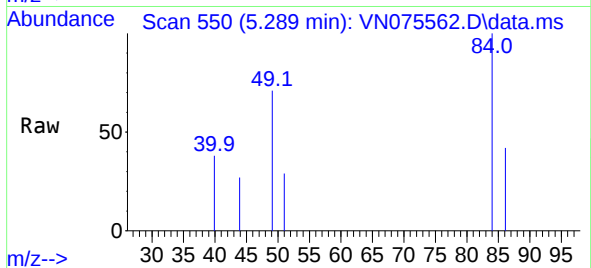
Tgt Ion: 73 Resp: 8783
Ion Ratio Lower Upper
73 100
57 21.8 16.3 24.5





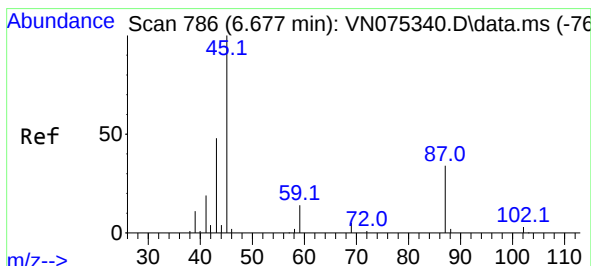
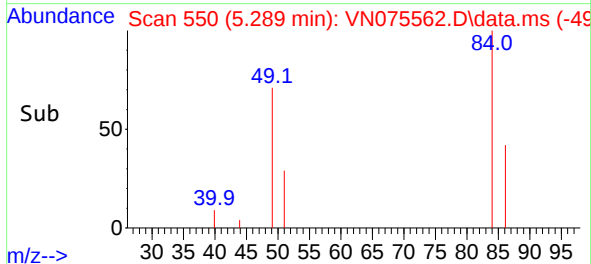
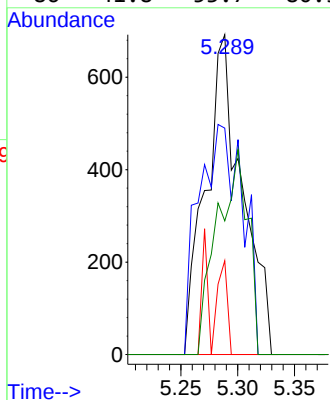
#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

Instrument :
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Tgt Ion: 84 Resp: 1541

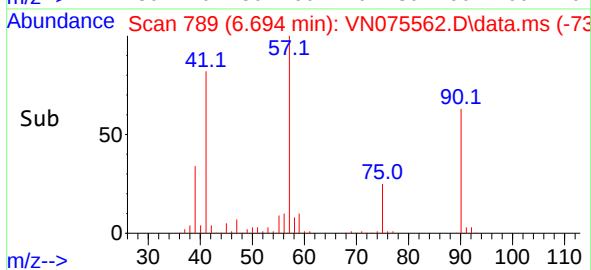
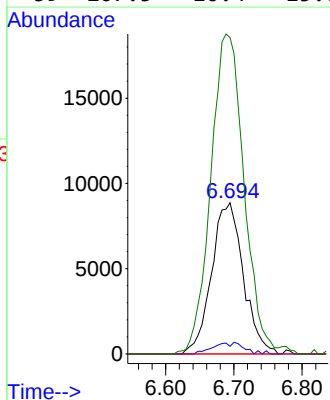
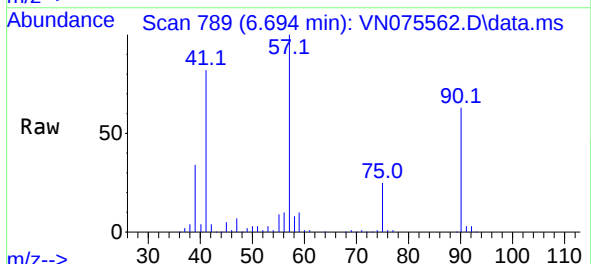
Ion	Ratio	Lower	Upper
84	100		
49	70.8	94.9	142.3#
51	29.3	26.8	40.2
86	41.8	53.7	80.5#

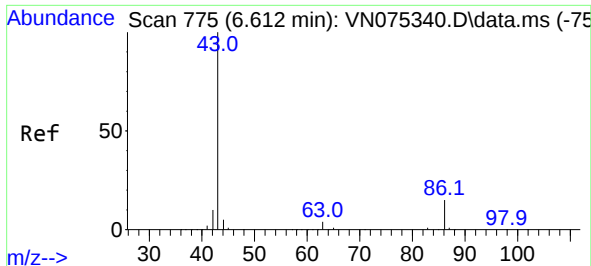


#22
Diisopropyl ether
Concen: 6.124 ug/l
RT: 6.694 min Scan# 789
Delta R.T. 0.017 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

Tgt Ion: 45 Resp: 28771

Ion	Ratio	Lower	Upper
45	100		
43	5.0	42.8	64.2#
87	0.0	28.4	42.6#
59	207.5	10.4	15.6#

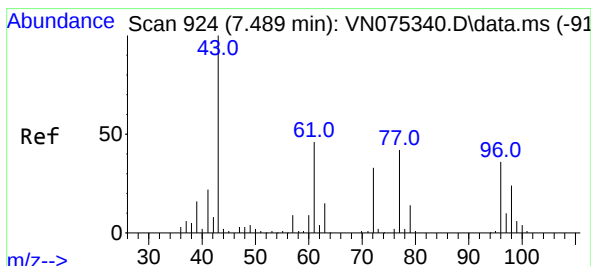
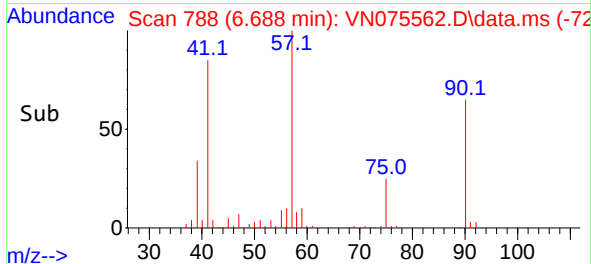
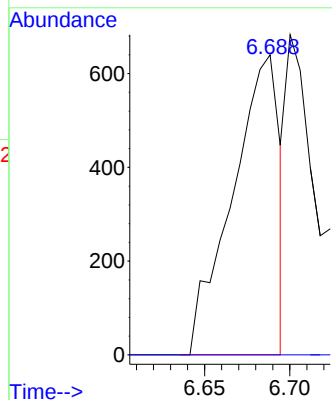
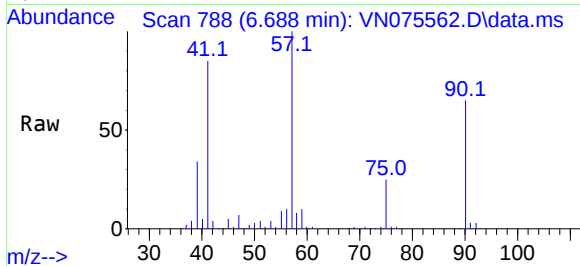




#23
 Vinyl Acetate
 Concen: 0.330 ug/l
 RT: 6.688 min Scan# 71
 Delta R.T. 0.076 min
 Lab File: VN075562.D
 Acq: 05 Dec 2022 16:31

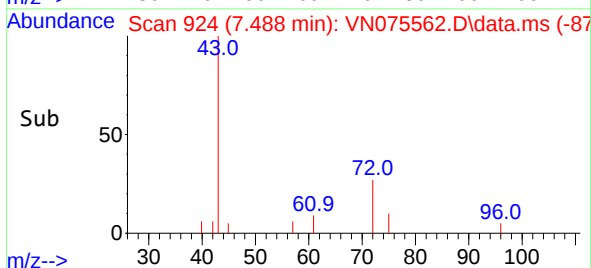
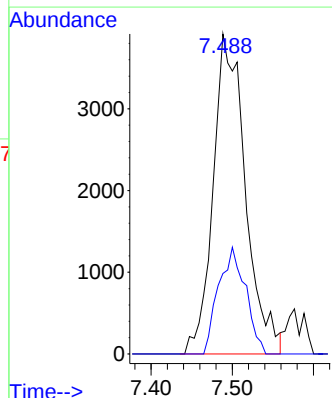
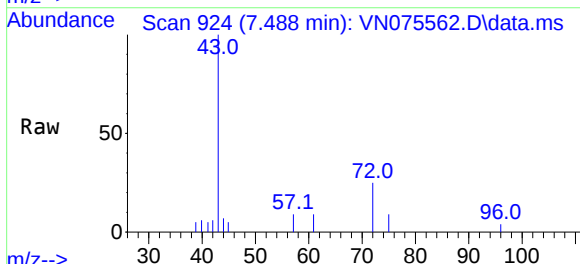
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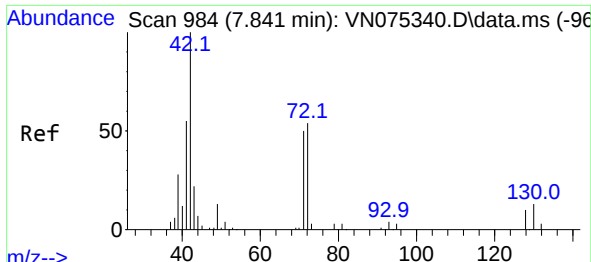
Tgt Ion: 43 Resp: 1234
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.7 16.1#



#25
 2-Butanone
 Concen: 8.985 ug/l
 RT: 7.488 min Scan# 924
 Delta R.T. -0.001 min
 Lab File: VN075562.D
 Acq: 05 Dec 2022 16:31

Tgt Ion: 43 Resp: 10795
 Ion Ratio Lower Upper
 43 100
 72 25.2 25.5 38.3#

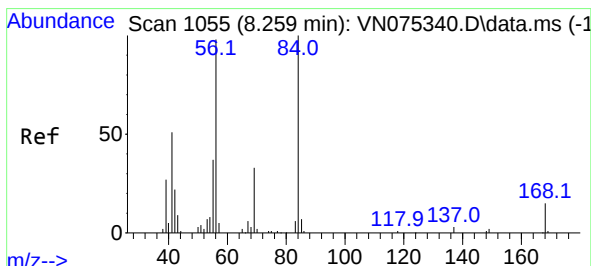
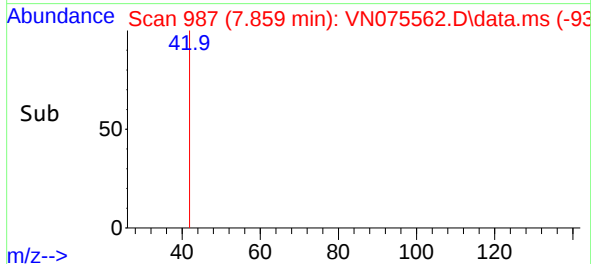
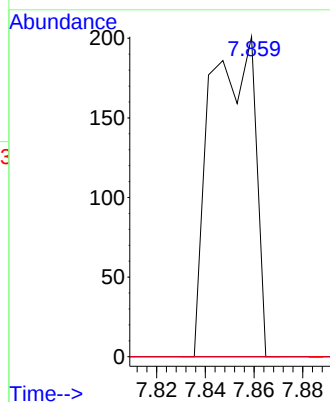
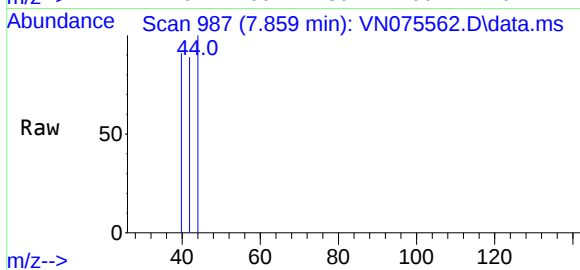




#29
Tetrahydrofuran
Concen: 0.349 ug/l
RT: 7.859 min Scan# 91
Delta R.T. 0.018 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

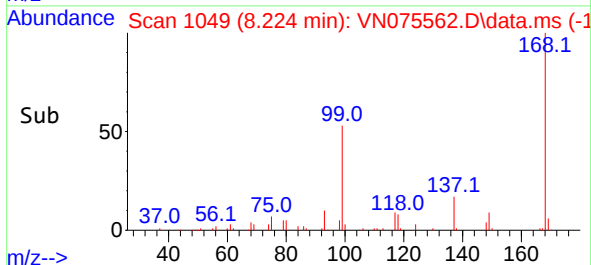
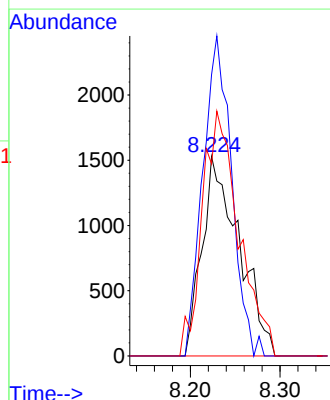
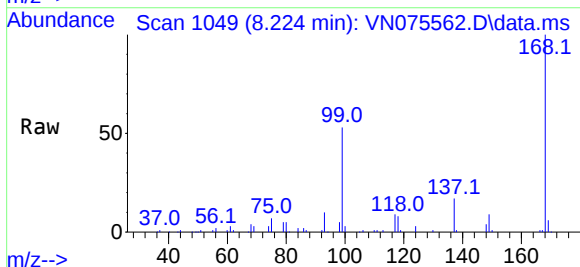
Instrument :
MSVOA_N
ClientSampleId :
SP-SILICA-1201DL

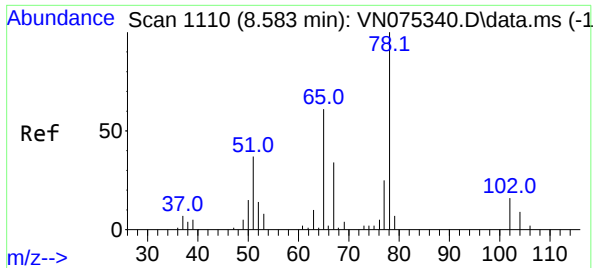
Tgt Ion: 42 Resp: 255
Ion Ratio Lower Upper
42 100
72 0.0 43.0 64.6#
71 0.0 39.9 59.9#



#31
Cyclohexane
Concen: 1.497 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.035 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

Tgt Ion: 56 Resp: 4388
Ion Ratio Lower Upper
56 100
69 141.0 25.2 37.8#
84 96.3 77.8 116.8

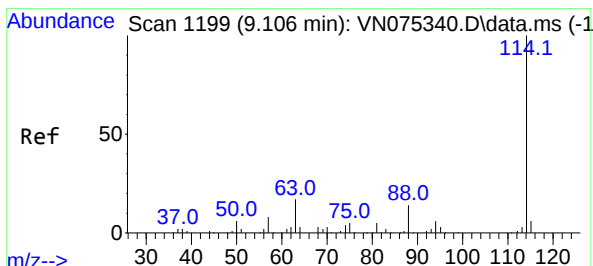
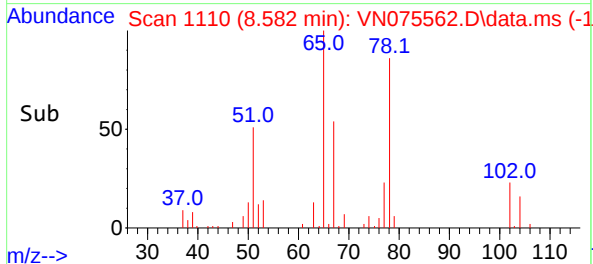
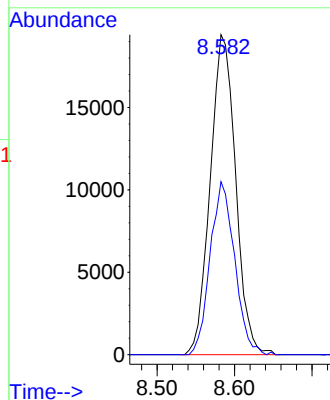
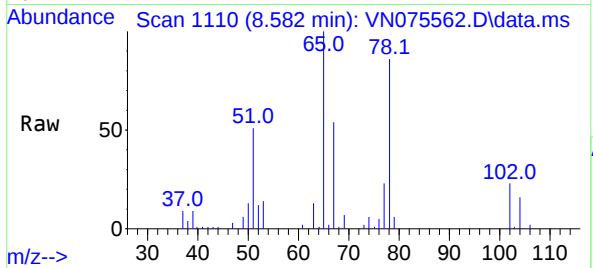




#33
1,2-Dichloroethane-d4
Concen: 47.964 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.001 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

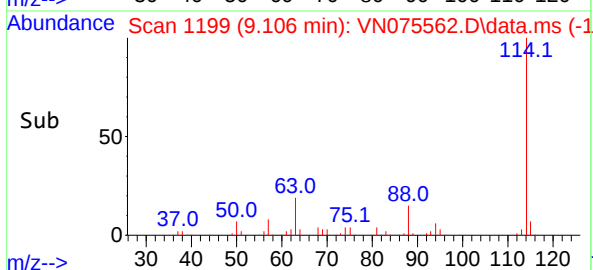
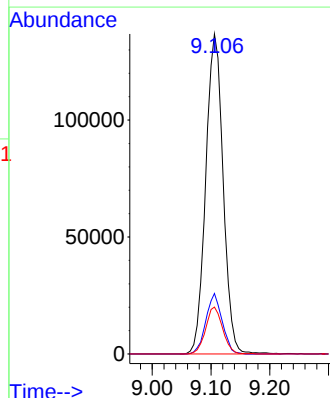
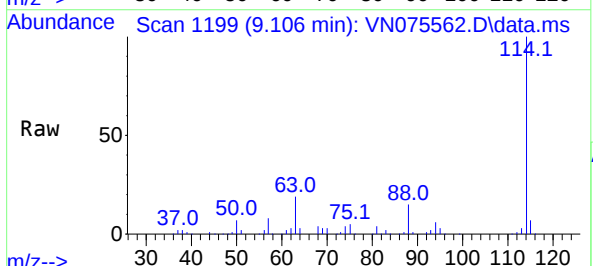
Instrument :
MSVOA_N
ClientSampleId :
SP-SILICA-1201DL

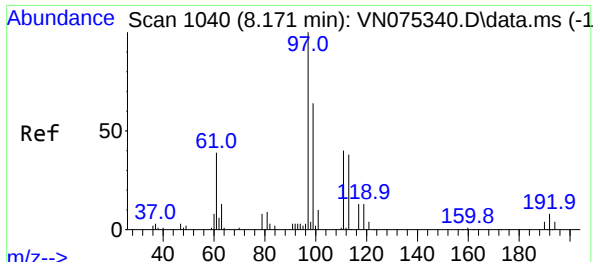
Tgt Ion: 65 Resp: 44253
Ion Ratio Lower Upper
65 100
67 52.3 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

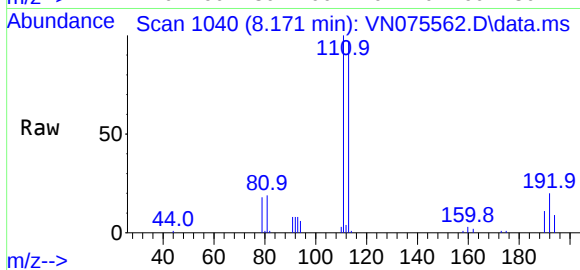
Tgt Ion: 114 Resp: 281937
Ion Ratio Lower Upper
114 100
63 18.9 0.0 39.6
88 14.6 0.0 29.0



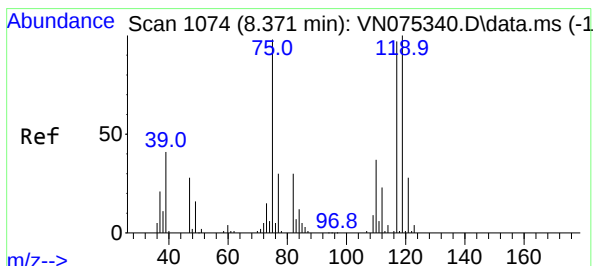
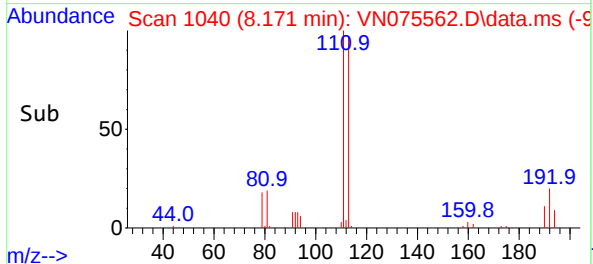
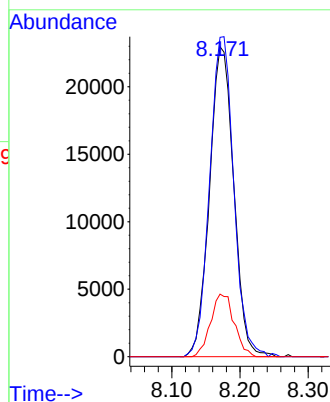


#35
Dibromofluoromethane
Concen: 51.231 ug/l
RT: 8.171 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

Instrument :
MSVOA_N
ClientSampleId :
SP-SILICA-1201DL

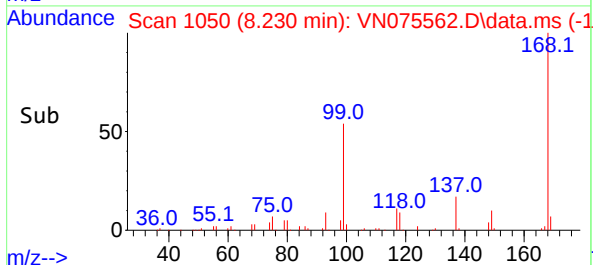
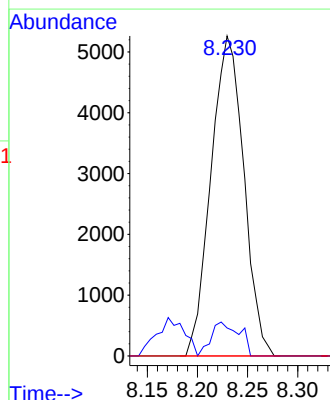
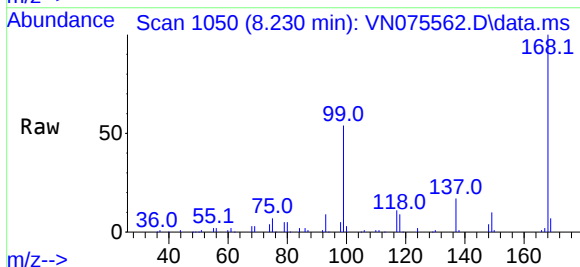


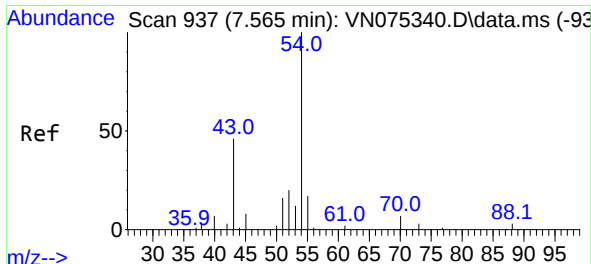
Tgt Ion:113 Resp: 56740
Ion Ratio Lower Upper
113 100
111 102.9 80.5 120.7
192 19.7 13.2 19.8



#36
1,1-Dichloropropene
Concen: 4.959 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.141 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

Tgt Ion: 75 Resp: 11978
Ion Ratio Lower Upper
75 100
110 9.1 17.8 53.3#
77 0.0 24.6 37.0#

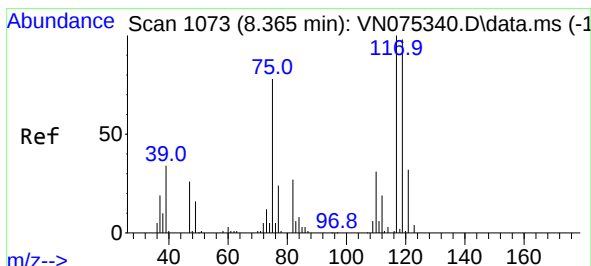
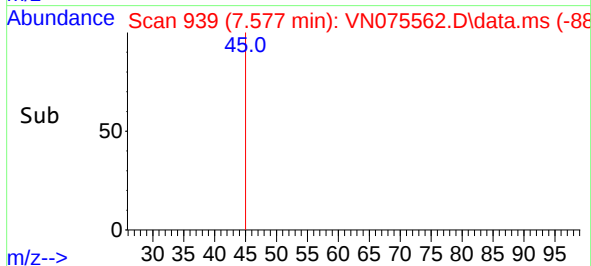
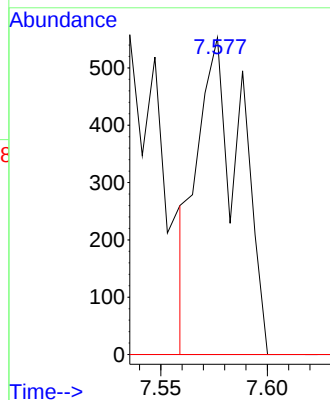
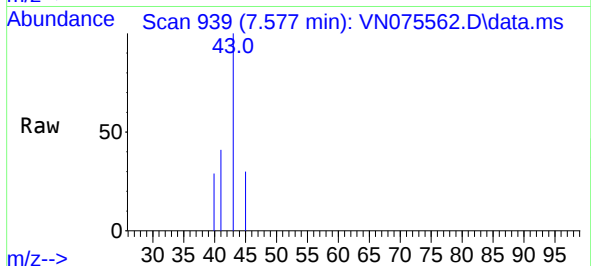




#37
Ethyl Acetate
Concen: 0.360 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

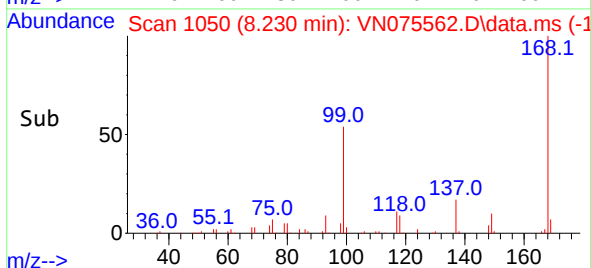
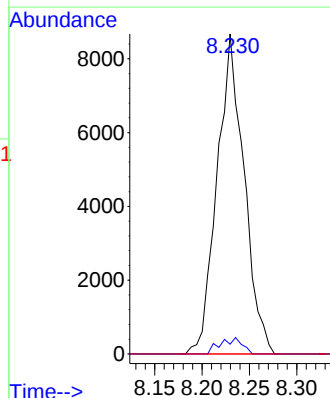
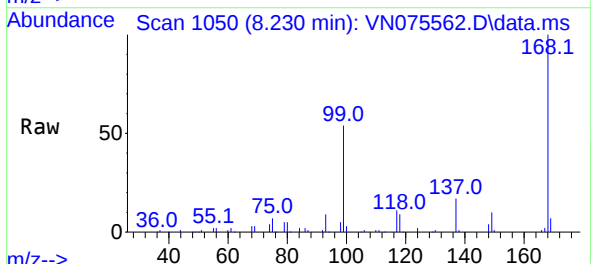
Instrument :
MSVOA_N
ClientSampleId :
SP-SILICA-1201DL

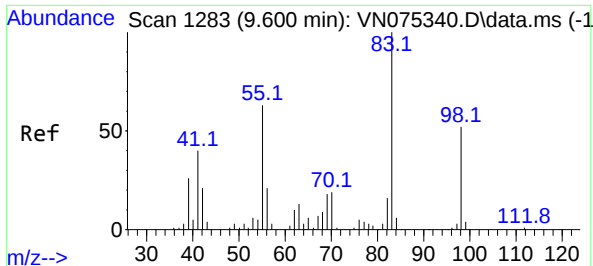
Tgt Ion: 43 Resp: 784
Ion Ratio Lower Upper
43 100
61 0.0 12.2 18.4#
70 0.0 9.4 14.2#



#38
Carbon Tetrachloride
Concen: 6.492 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.135 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

Tgt Ion: 117 Resp: 17226
Ion Ratio Lower Upper
117 100
119 3.1 76.7 115.1#
121 0.0 23.9 35.9#

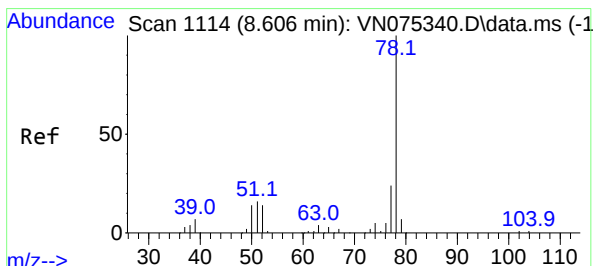
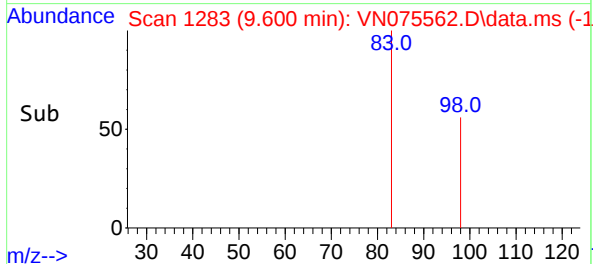
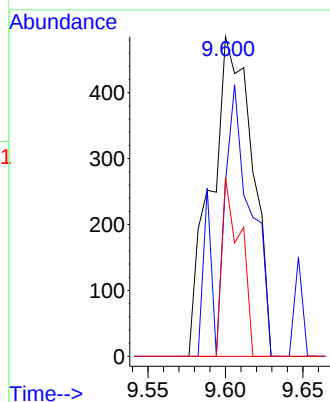
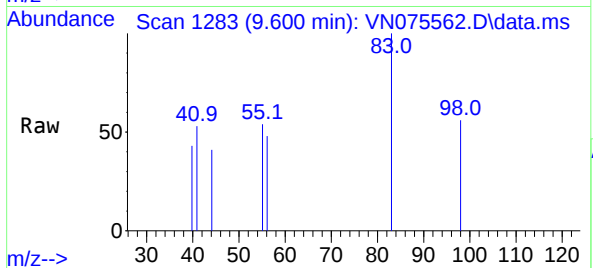




#39
Methylcyclohexane
Concen: 0.297 ug/l
RT: 9.600 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

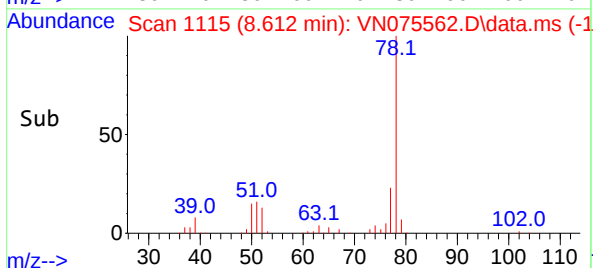
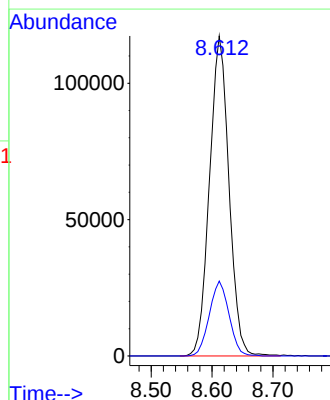
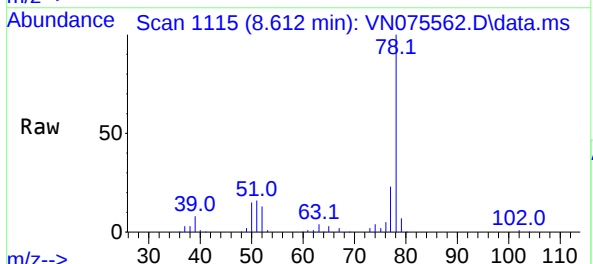
Instrument :
MSVOA_N
ClientSampleId :
SP-SILICA-1201DL

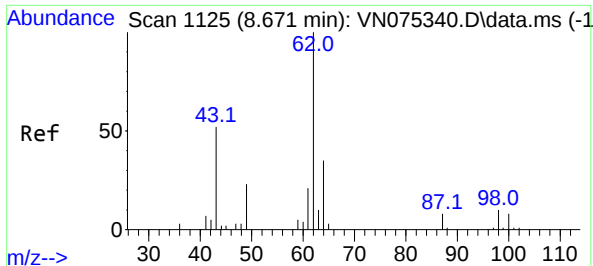
Tgt Ion: 83	Resp:	897
Ion	Ratio	Lower Upper
83	100	
55	54.4	53.6 80.4
98	56.1	41.1 61.7



#40
Benzene
Concen: 35.244 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.006 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

Tgt Ion: 78	Resp:	260623
Ion	Ratio	Lower Upper
78	100	
77	23.4	19.4 29.0

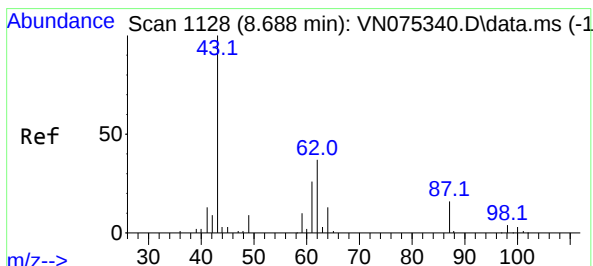
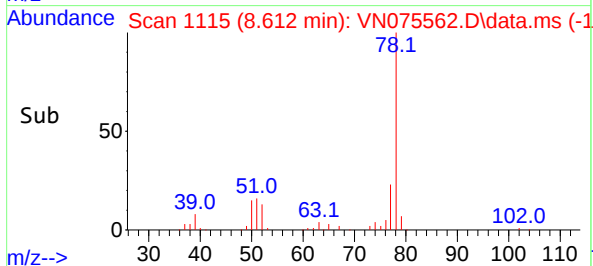
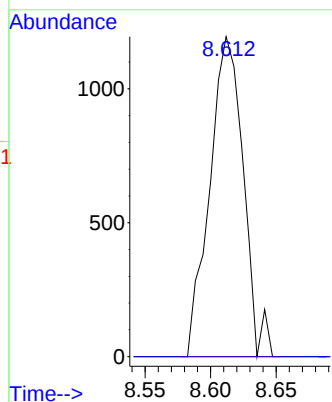
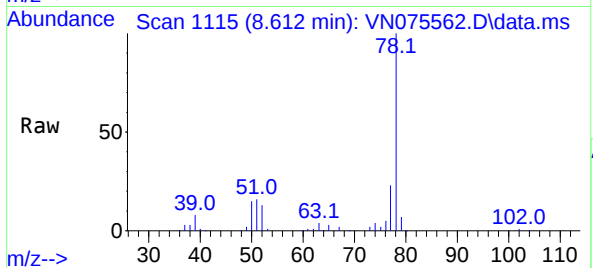




#42
1,2-Dichloroethane
Concen: 0.858 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.059 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

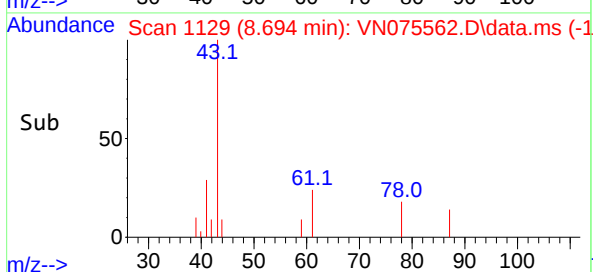
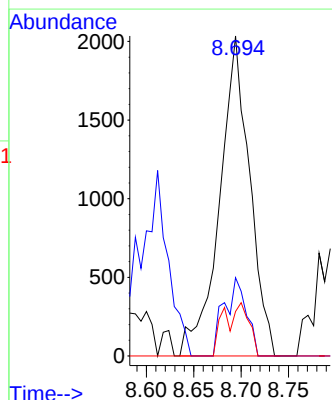
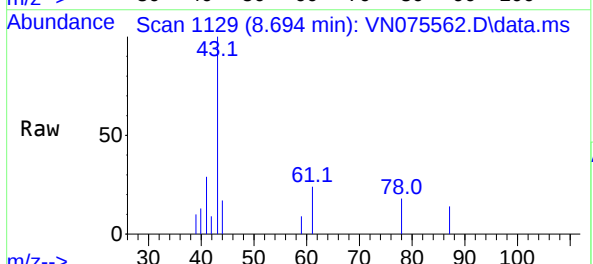
Instrument :
MSVOA_N
ClientSampleId :
SP-SILICA-1201DL

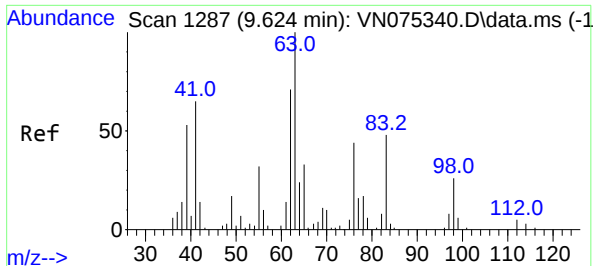
Tgt Ion: 62 Resp: 2125
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.2



#43
Isopropyl Acetate
Concen: 1.290 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

Tgt Ion: 43 Resp: 4504
Ion Ratio Lower Upper
43 100
61 17.9 22.4 33.6#
87 8.2 12.5 18.7#





#45

1,2-Dichloropropane

Concen: 0.621 ug/l

RT: 9.377 min Scan# 11

Delta R.T. -0.248 min

Lab File: VN075562.D

Acq: 05 Dec 2022 16:31

Instrument :

MSVOA_N

ClientSampleId :

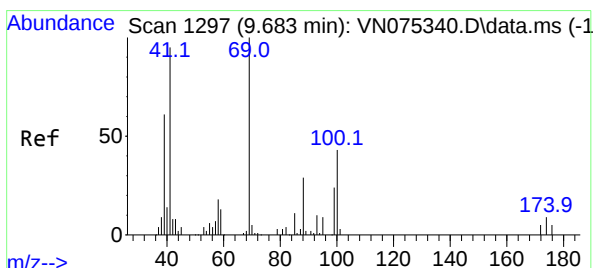
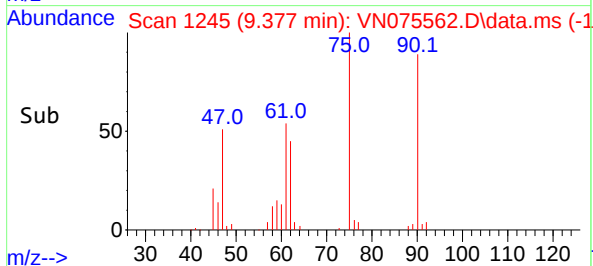
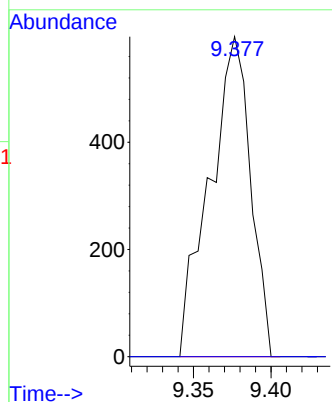
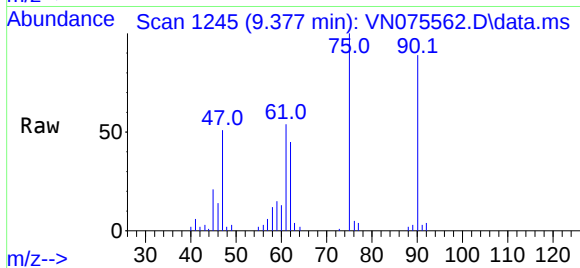
SP-SILICA-1201DL

Tgt Ion: 63 Resp: 1095

Ion Ratio Lower Upper

63 100

65 0.0 26.1 39.1#



#48

Methyl methacrylate

Concen: 1.382 ug/l

RT: 9.647 min Scan# 1291

Delta R.T. -0.036 min

Lab File: VN075562.D

Acq: 05 Dec 2022 16:31

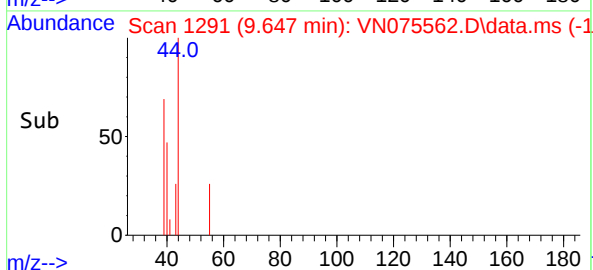
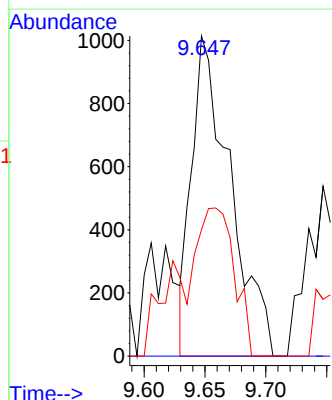
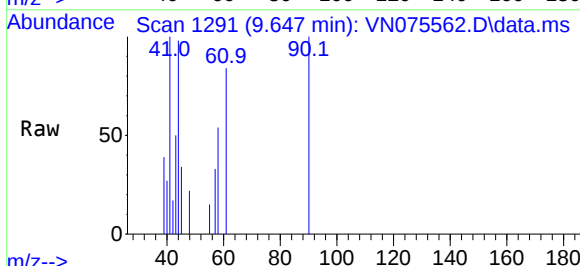
Tgt Ion: 41 Resp: 2230

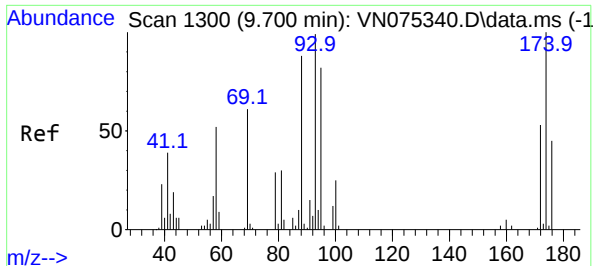
Ion Ratio Lower Upper

41 100

69 0.0 80.2 120.2#

39 45.4 56.2 84.2#

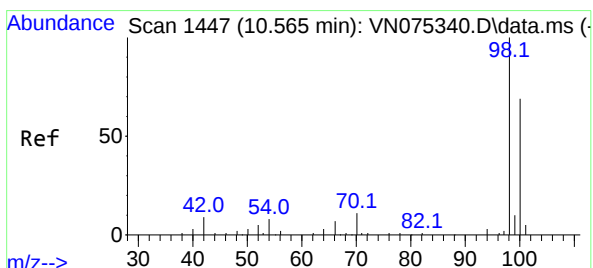
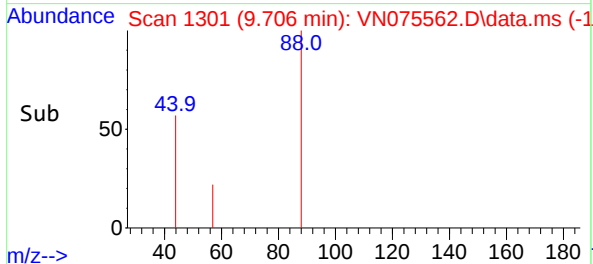
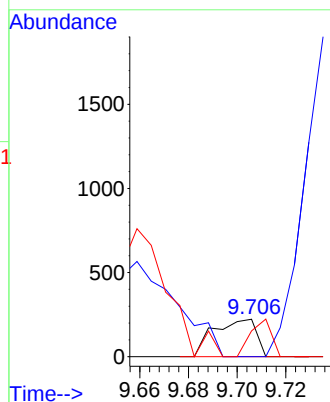
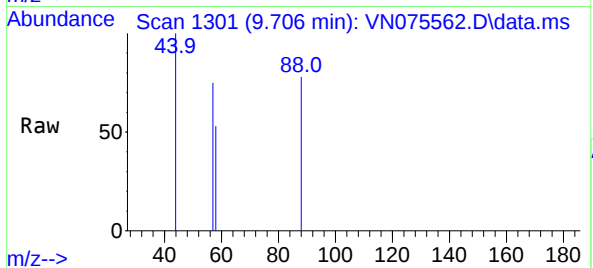




#49
1,4-Dioxane
Concen: 5.891 ug/l
RT: 9.706 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

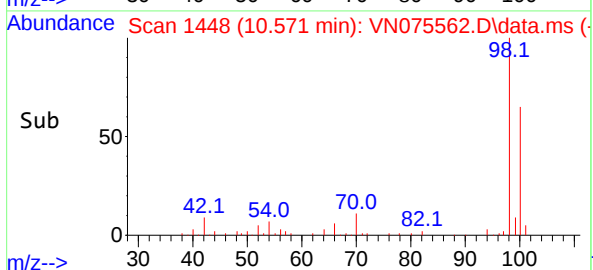
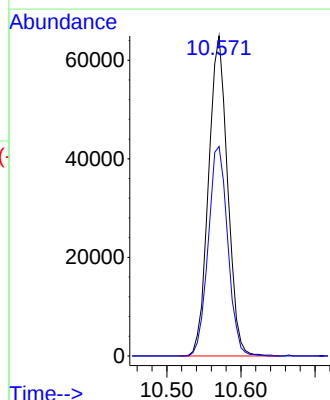
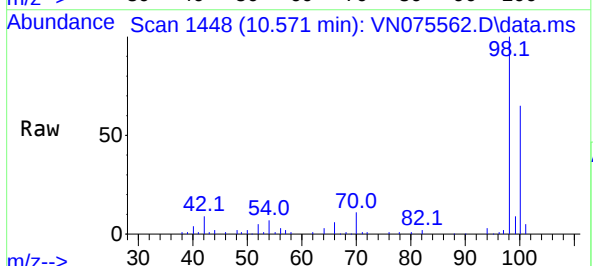
Instrument :
MSVOA_N
ClientSampleId :
SP-SILICA-1201DL

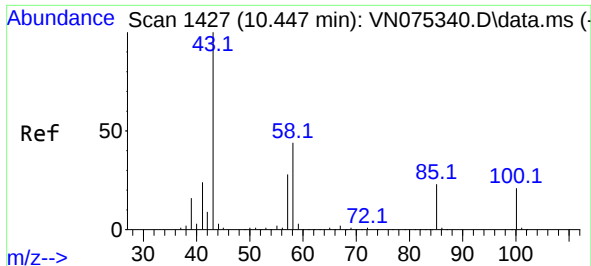
Tgt Ion: 88 Resp: 270
Ion Ratio Lower Upper
88 100
43 0.0 17.5 26.3#
58 49.3 49.8 74.8#



#50
Toluene-d8
Concen: 46.433 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

Tgt Ion: 98 Resp: 115828
Ion Ratio Lower Upper
98 100
100 67.1 53.0 79.6

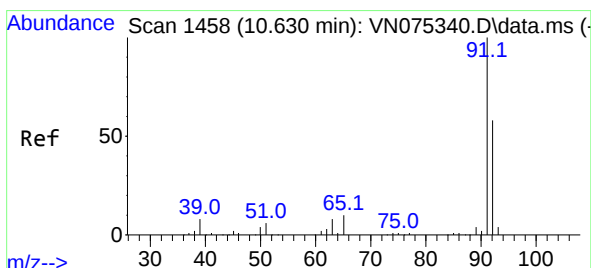
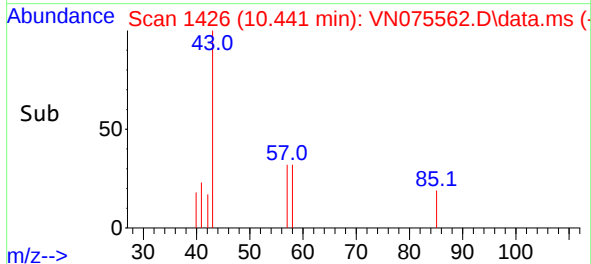
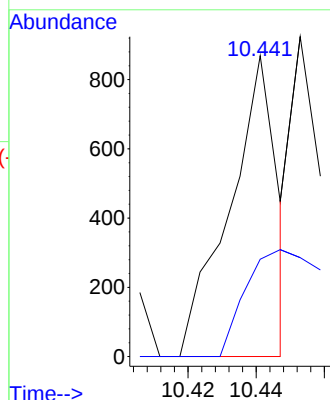
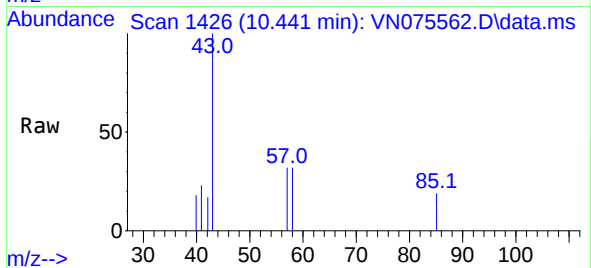




#51
4-Methyl-2-Pentanone
Concen: 0.383 ug/l
RT: 10.441 min Scan# 1426
Delta R.T. -0.006 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

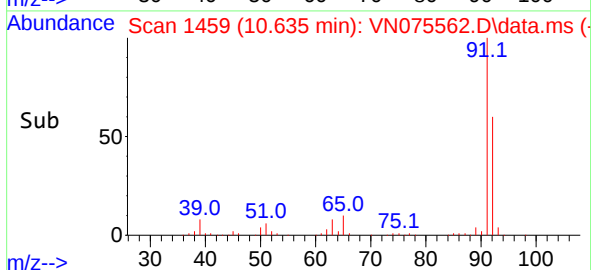
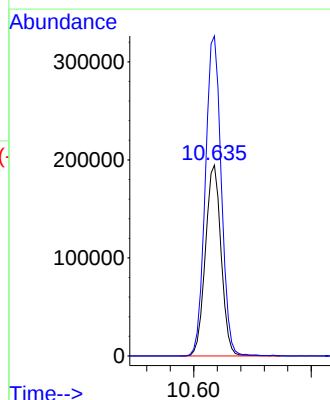
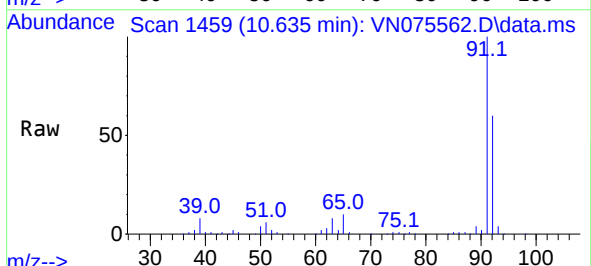
Instrument :
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ClientSampleId :
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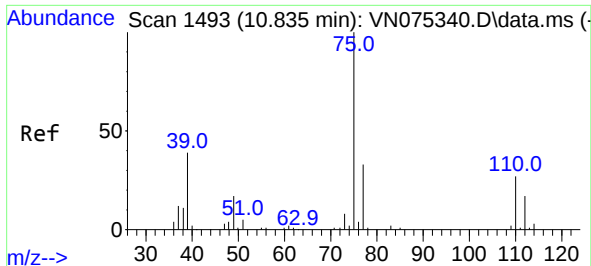
Tgt Ion: 43 Resp: 851
Ion Ratio Lower Upper
43 100
58 53.5 33.6 50.4#



#52
Toluene
Concen: 75.708 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.005 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

Tgt Ion: 92 Resp: 360775
Ion Ratio Lower Upper
92 100
91 170.4 135.4 203.2

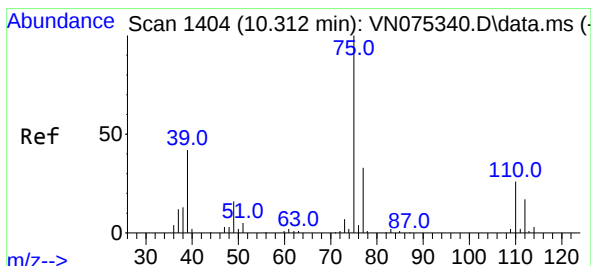
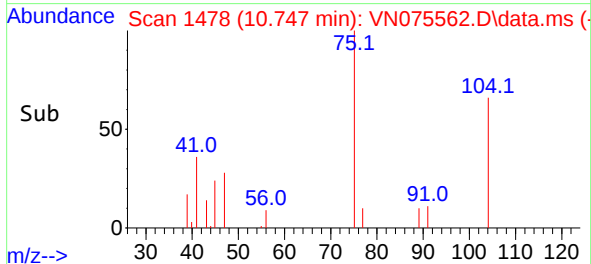
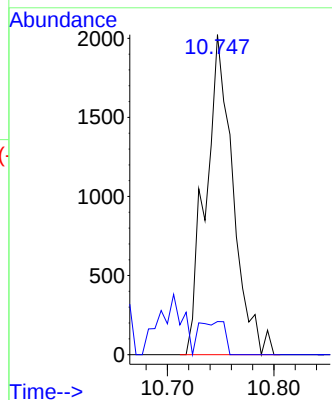
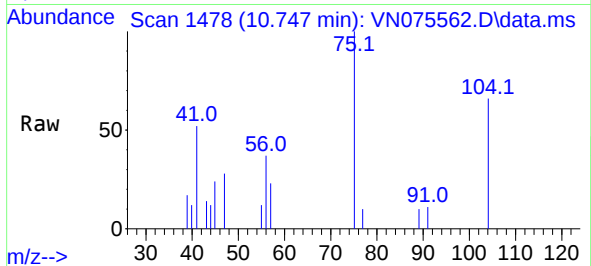




#53
 t-1,3-Dichloropropene
 Concen: 1.396 ug/l
 RT: 10.747 min Scan# 1493
 Delta R.T. -0.088 min
 Lab File: VN075562.D
 Acq: 05 Dec 2022 16:31

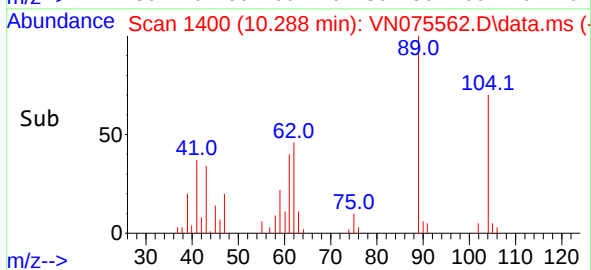
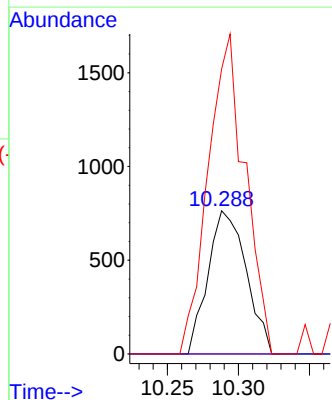
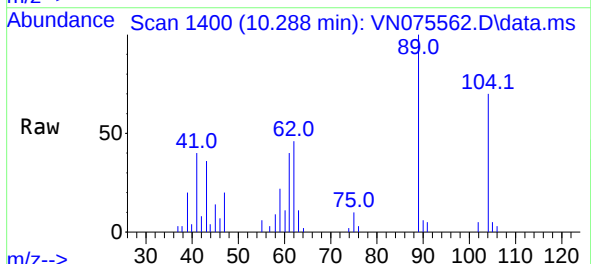
Instrument :
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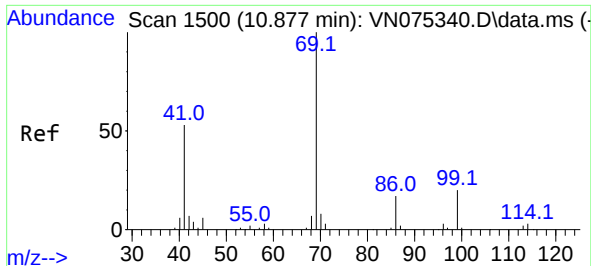
Tgt Ion: 75 Resp: 3617
 Ion Ratio Lower Upper
 75 100
 77 10.3 25.4 38.2#



#54
 cis-1,3-Dichloropropene
 Concen: 0.508 ug/l
 RT: 10.288 min Scan# 1400
 Delta R.T. -0.024 min
 Lab File: VN075562.D
 Acq: 05 Dec 2022 16:31

Tgt Ion: 75 Resp: 1431
 Ion Ratio Lower Upper
 75 100
 77 0.0 23.7 35.5#
 39 199.0 35.8 53.6#

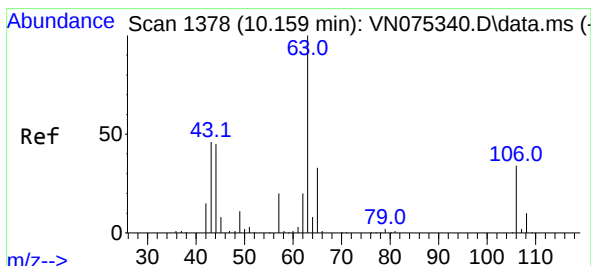
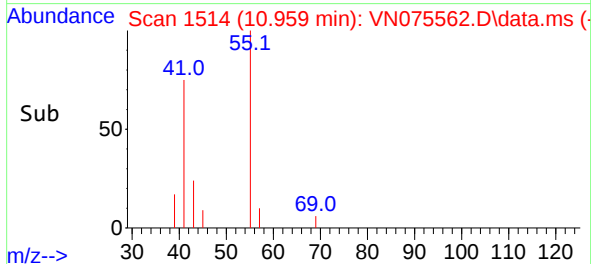
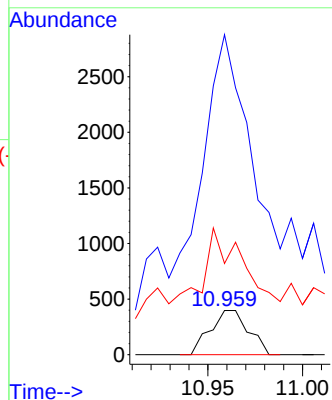
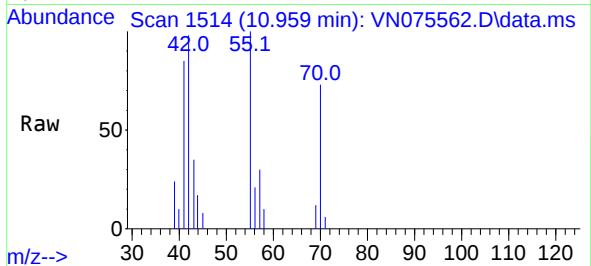




#56
Ethyl methacrylate
Concen: 0.213 ug/l
RT: 10.959 min Scan# 11
Delta R.T. 0.082 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

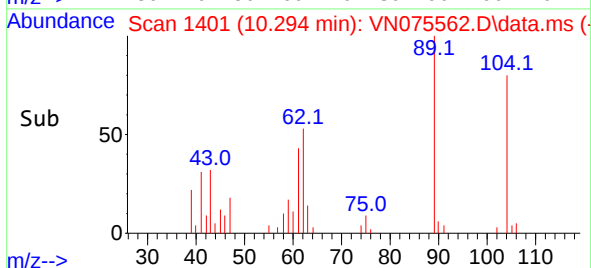
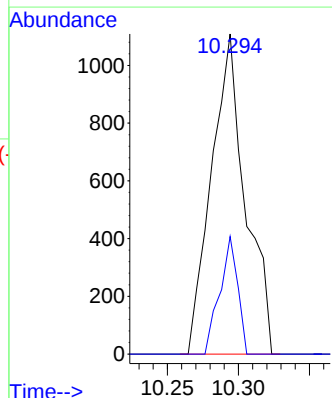
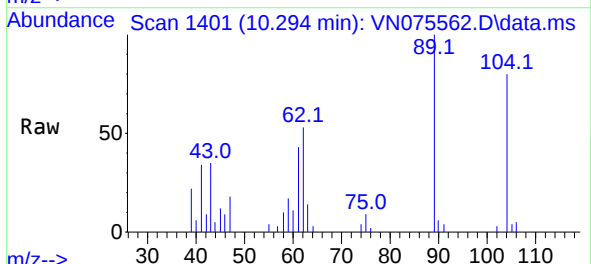
Instrument :
MSVOA_N
ClientSampleId :
SP-SILICA-1201DL

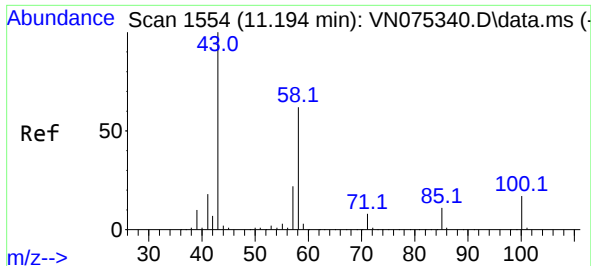
Tgt Ion: 69 Resp: 559
Ion Ratio Lower Upper
69 100
41 1332.2 45.6 68.4#
39 0.0 28.5 42.7#



#58
2-Chloroethyl Vinyl ether
Concen: 1.952 ug/l
RT: 10.294 min Scan# 1401
Delta R.T. 0.135 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

Tgt Ion: 63 Resp: 1845
Ion Ratio Lower Upper
63 100
106 19.2 24.8 37.2#

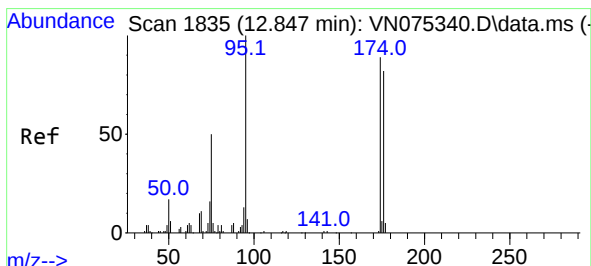
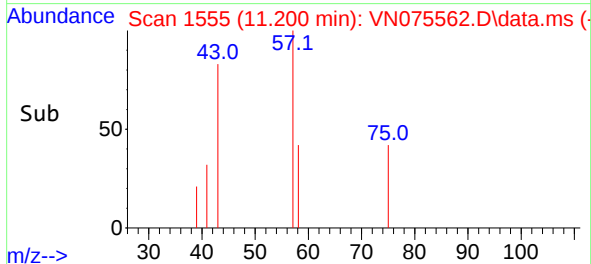
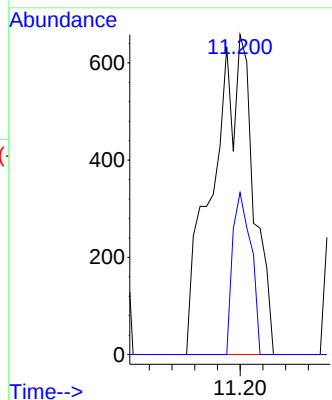
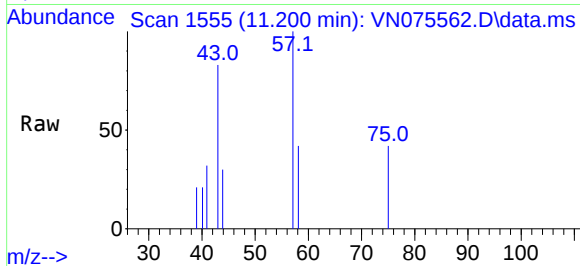




#59
2-Hexanone
Concen: 0.979 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

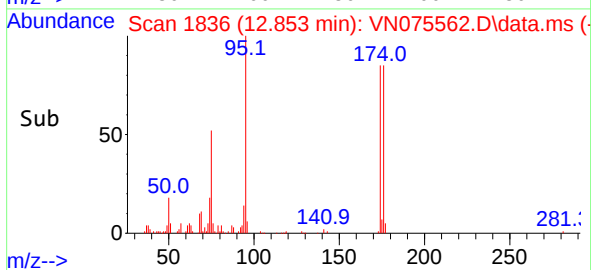
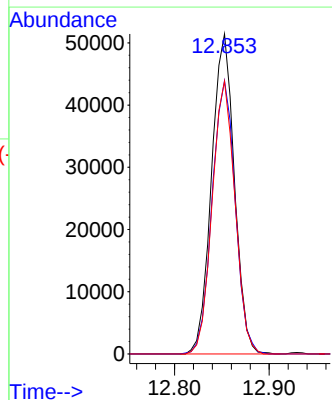
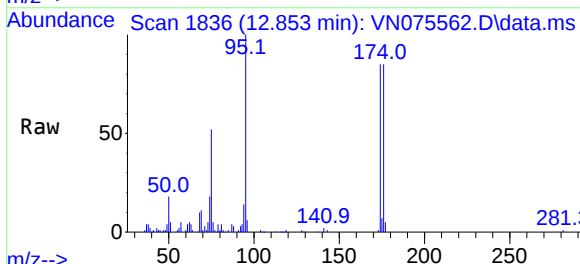
Instrument :
MSVOA_N
ClientSampleId :
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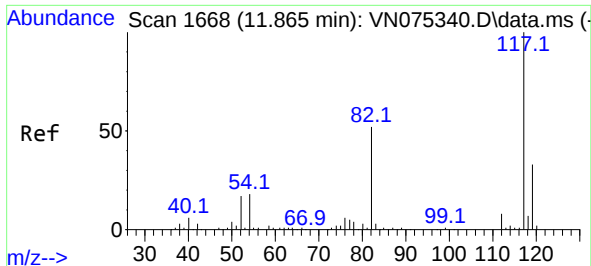
Tgt Ion: 43 Resp: 1635
Ion Ratio Lower Upper
43 100
58 0.0 29.6 88.8#



#62
4-Bromofluorobenzene
Concen: 46.741 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

Tgt Ion: 95 Resp: 86060
Ion Ratio Lower Upper
95 100
174 86.6 0.0 147.4
176 85.1 0.0 142.2

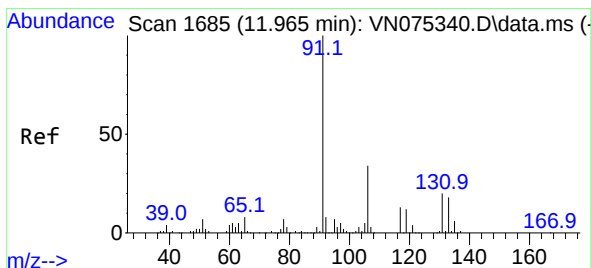
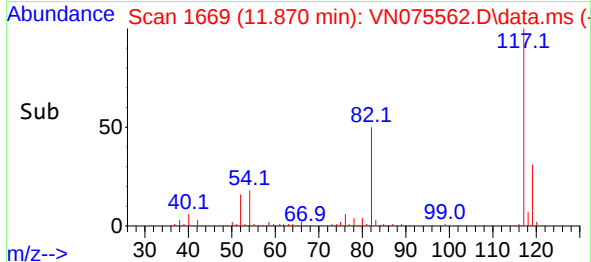
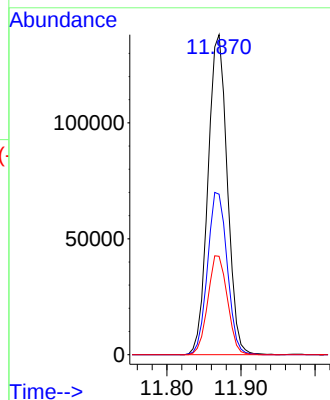
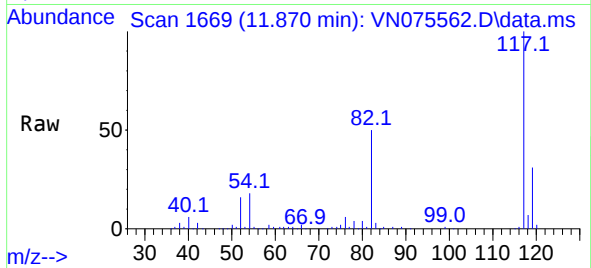




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. 0.005 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

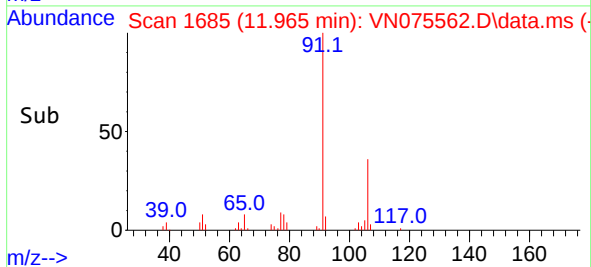
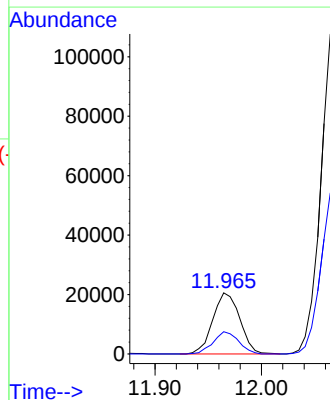
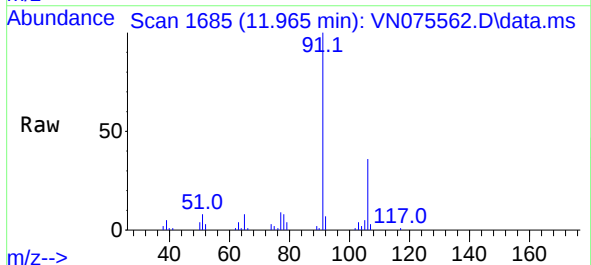
Instrument :
MSVOA_N
ClientSampleId :
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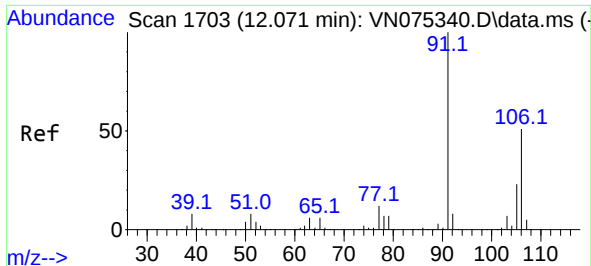
Tgt Ion:117 Resp: 249238
Ion Ratio Lower Upper
117 100
82 50.1 43.1 64.7
119 30.7 25.5 38.3



#67
Ethyl Benzene
Concen: 4.120 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

Tgt Ion: 91 Resp: 36181
Ion Ratio Lower Upper
91 100
106 36.3 24.9 37.3

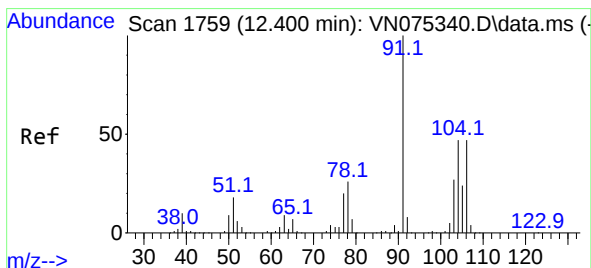
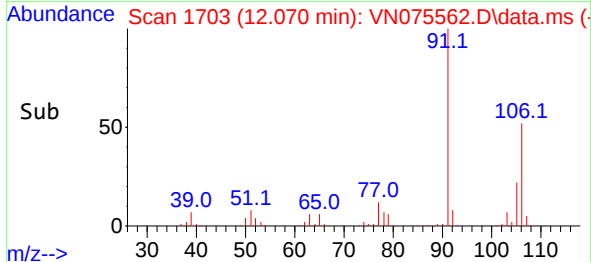
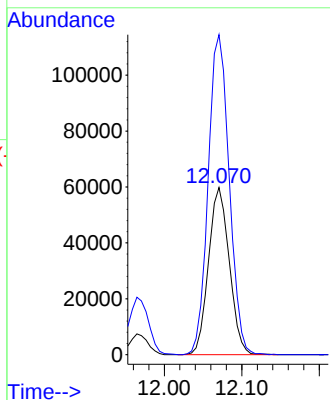
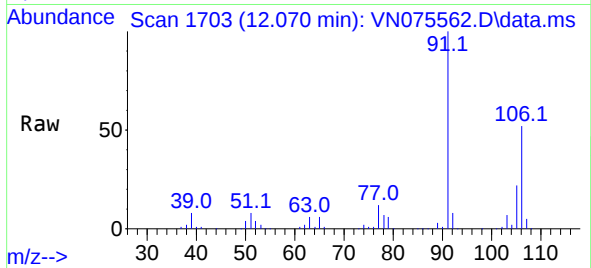




#68
m/p-Xylenes
Concen: 31.219 ug/l
RT: 12.070 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

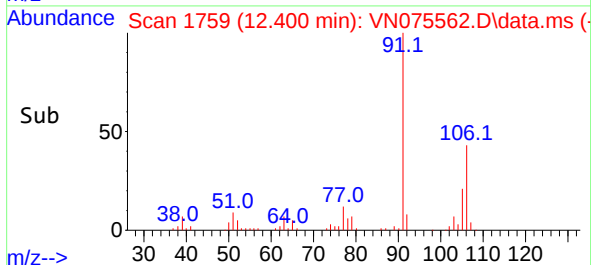
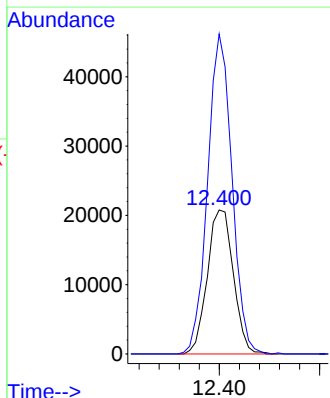
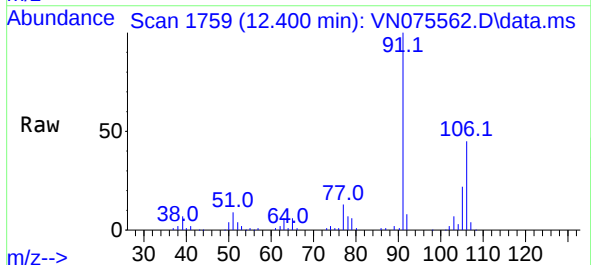
Instrument :
MSVOA_N
ClientSampleId :
SP-SILICA-1201DL

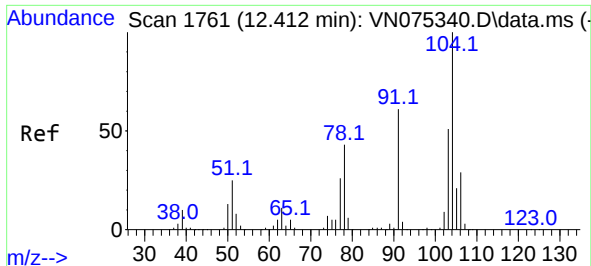
Tgt Ion:106 Resp: 111327
Ion Ratio Lower Upper
106 100
91 193.8 156.0 234.0



#69
o-Xylene
Concen: 10.593 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

Tgt Ion:106 Resp: 37533
Ion Ratio Lower Upper
106 100
91 207.5 105.2 315.5

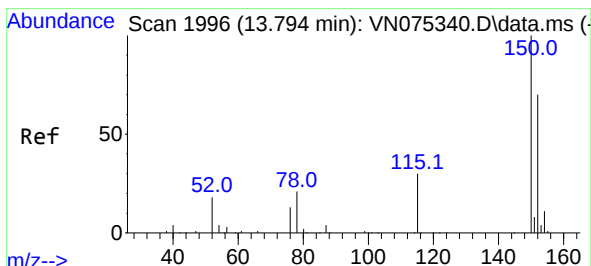
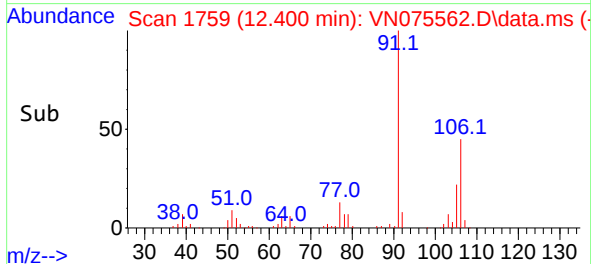
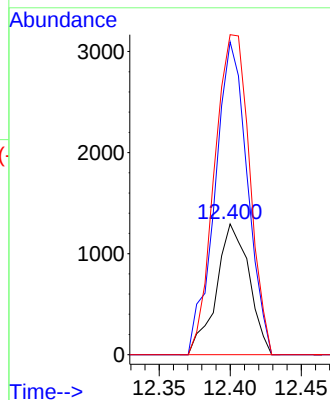
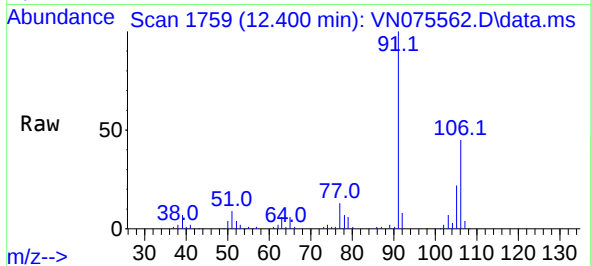




#70
Styrene
Concen: 0.372 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

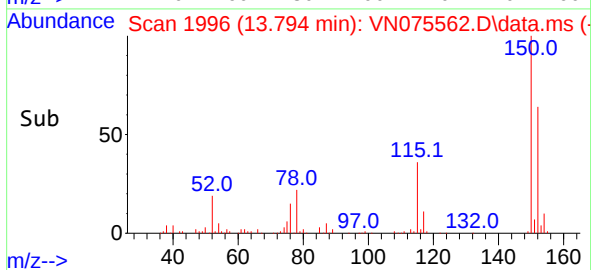
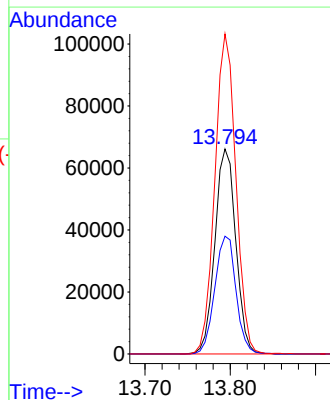
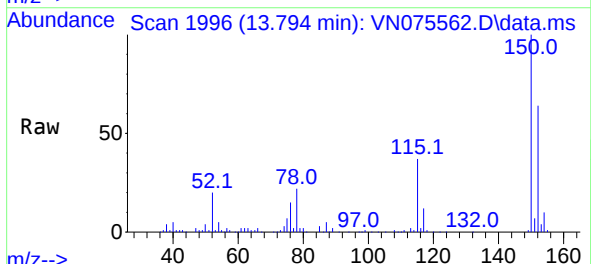
Instrument :
MSVOA_N
ClientSampleId :
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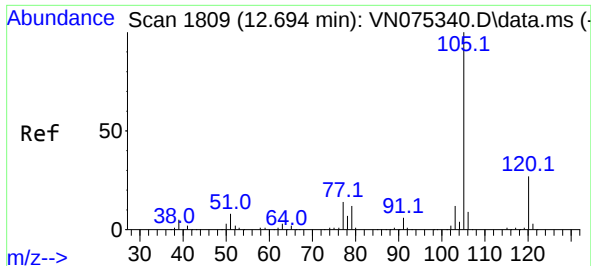
Tgt Ion:104 Resp: 2077
Ion Ratio Lower Upper
104 100
78 237.0 38.1 57.1#
103 262.2 44.6 66.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

Tgt Ion:152 Resp: 112706
Ion Ratio Lower Upper
152 100
115 58.4 30.2 90.6
150 156.8 0.0 348.4

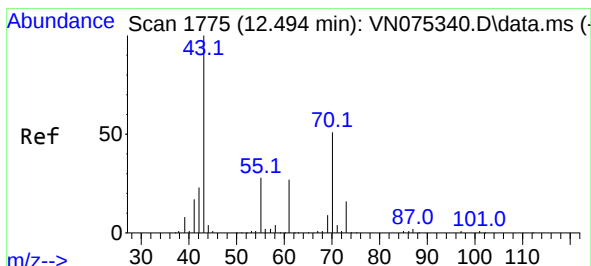
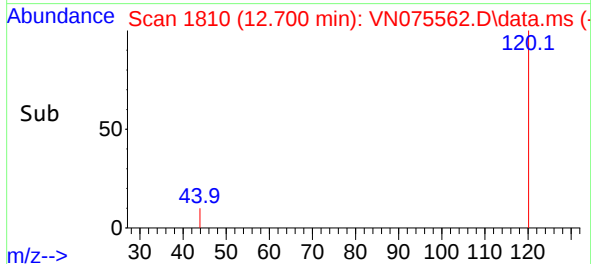
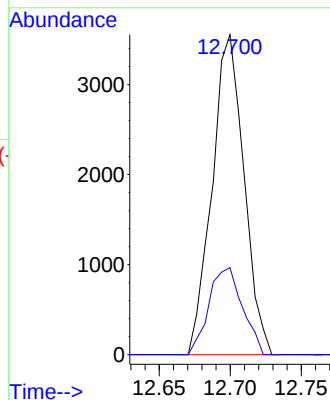
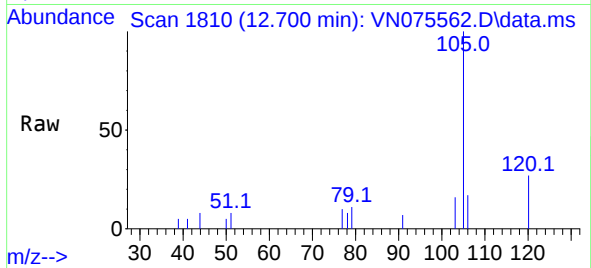




#73
Isopropylbenzene
Concen: 0.673 ug/l
RT: 12.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

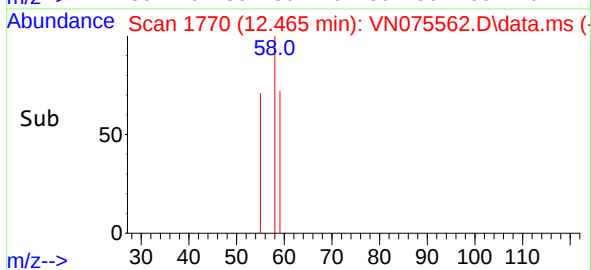
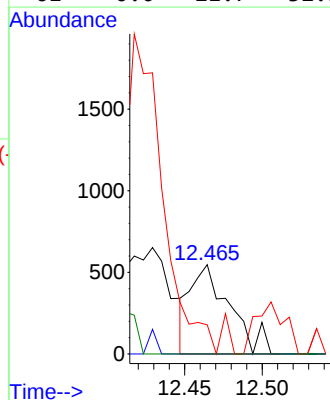
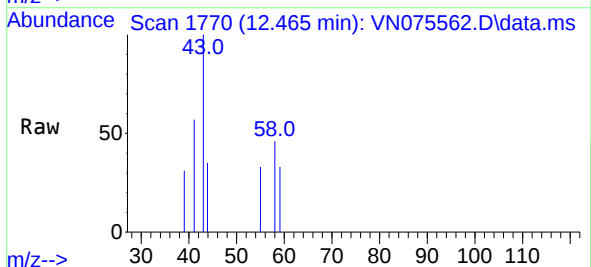
Instrument :
MSVOA_N
ClientSampleId :
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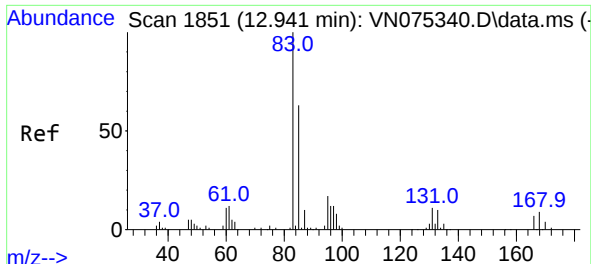
Tgt Ion:105 Resp: 5545
Ion Ratio Lower Upper
105 100
120 28.7 13.1 39.1



#74
N-ethyl acetate
Concen: 0.381 ug/l
RT: 12.465 min Scan# 1770
Delta R.T. -0.029 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

Tgt Ion: 43 Resp: 965
Ion Ratio Lower Upper
43 100
70 0.0 39.8 59.8#
55 0.0 19.9 29.9#
61 0.0 21.7 32.5#

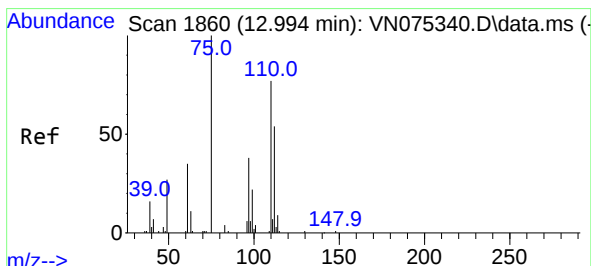
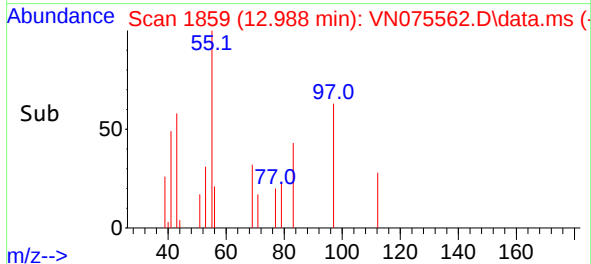
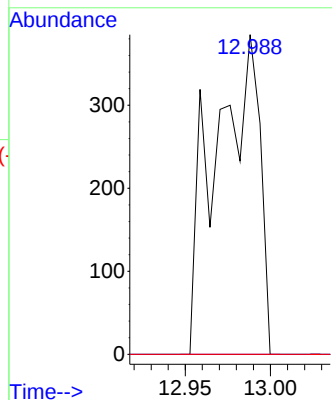
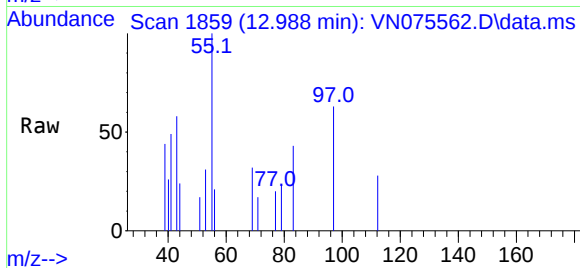




#75
1,1,2,2-Tetrachloroethane
Concen: 0.276 ug/l
RT: 12.988 min Scan# 1859
Delta R.T. 0.047 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

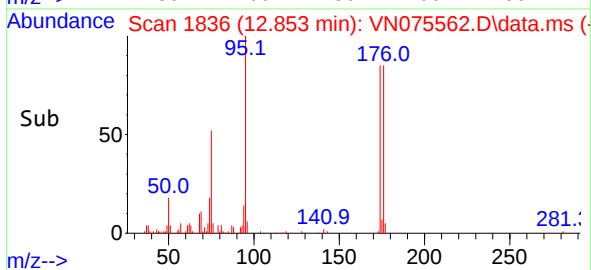
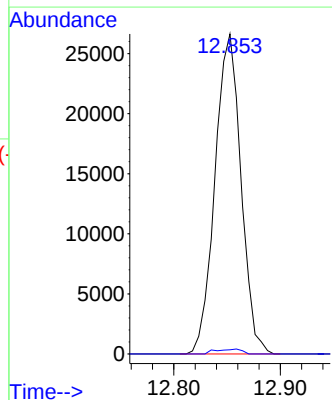
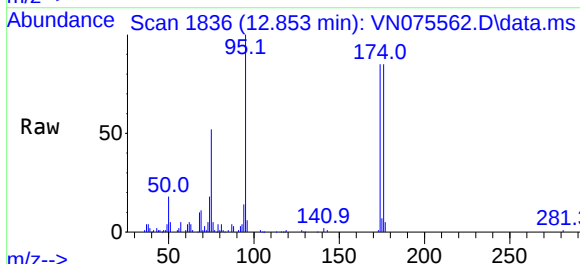
Instrument :
MSVOA_N
ClientSampleId :
SP-SILICA-1201DL

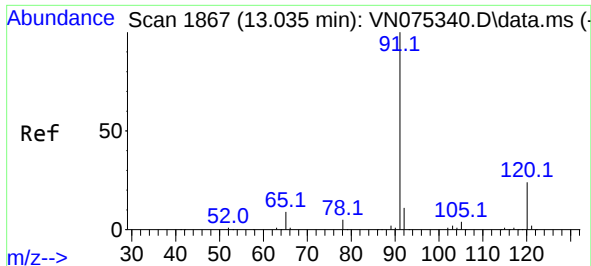
Tgt Ion: 83 Resp: 693
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.3#
85 0.0 31.6 94.7#



#76
1,2,3-Trichloropropane
Concen: 21.164 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

Tgt Ion: 75 Resp: 45099
Ion Ratio Lower Upper
75 100
77 1.5 75.6 226.8#

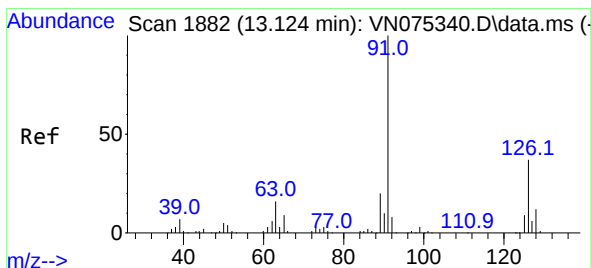
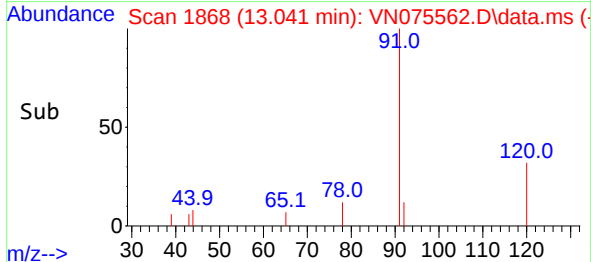
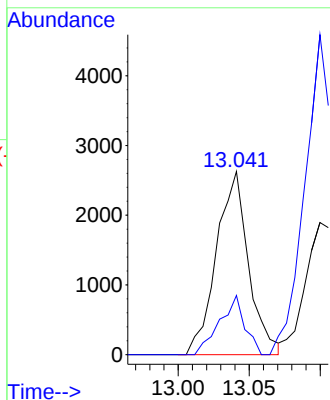
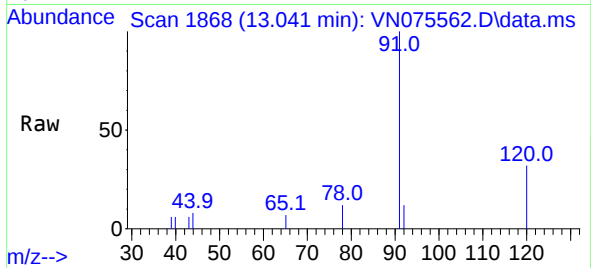




#78
n-propylbenzene
Concen: 0.450 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

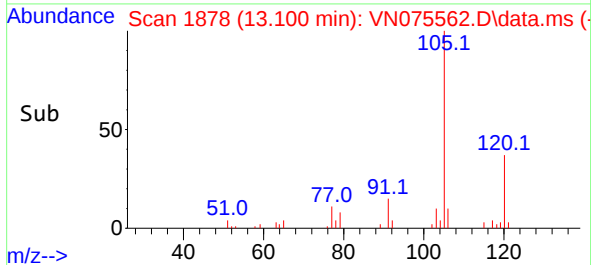
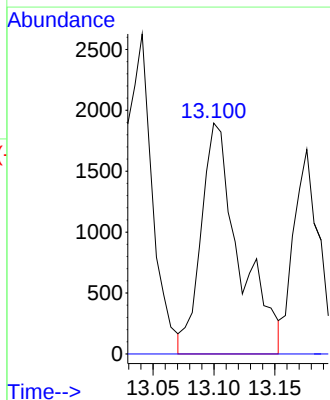
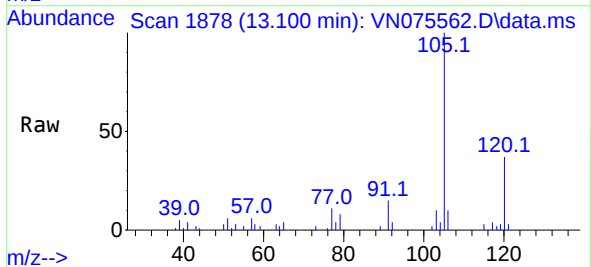
Instrument :
MSVOA_N
ClientSampleId :
SP-SILICA-1201DL

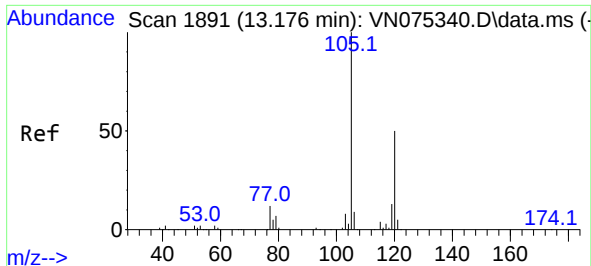
Tgt Ion: 91 Resp: 4137
Ion Ratio Lower Upper
91 100
120 25.4 11.9 35.5



#79
2-Chlorotoluene
Concen: 0.747 ug/l
RT: 13.100 min Scan# 1878
Delta R.T. -0.024 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

Tgt Ion: 91 Resp: 4137
Ion Ratio Lower Upper
91 100
126 0.0 16.9 50.7#

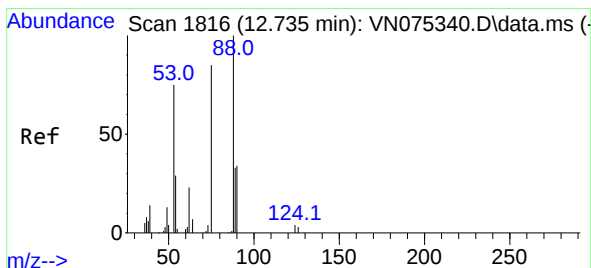
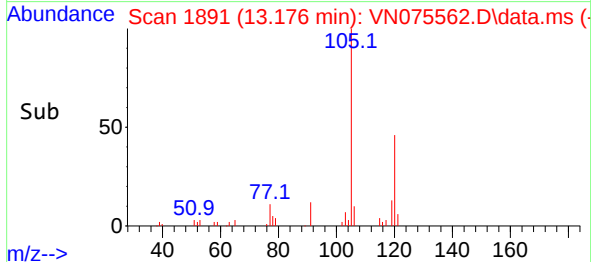
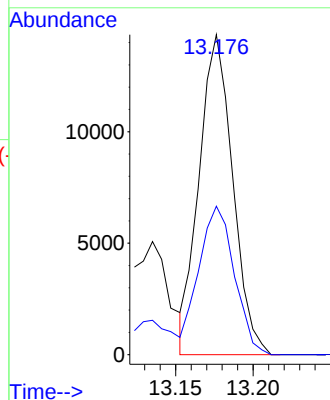
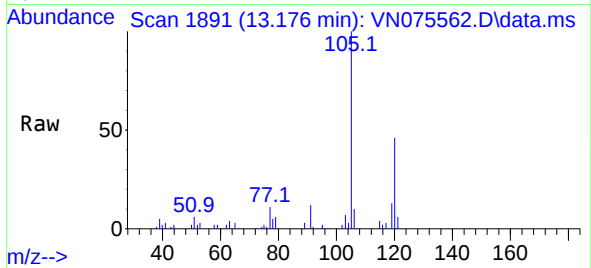




#80
1,3,5-Trimethylbenzene
Concen: 3.155 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

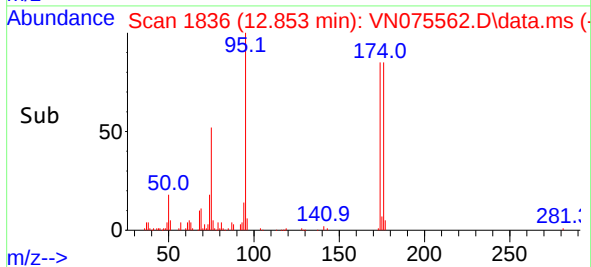
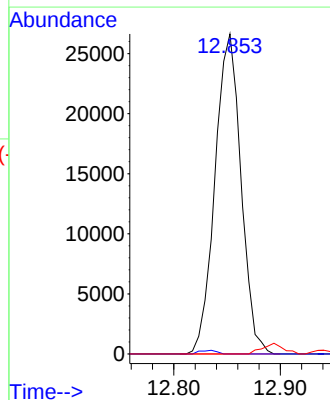
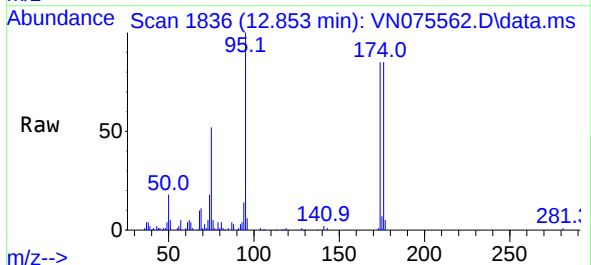
Instrument :
MSVOA_N
ClientSampleId :
SP-SILICA-1201DL

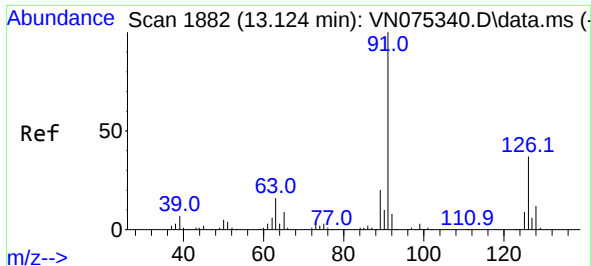
Tgt Ion:105 Resp: 21587
Ion Ratio Lower Upper
105 100
120 49.4 24.7 74.1



#81
trans-1,4-Dichloro-2-butene
Concen: 62.618 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

Tgt Ion: 75 Resp: 45099
Ion Ratio Lower Upper
75 100
53 0.7 78.5 117.7#
89 0.0 37.7 56.5#

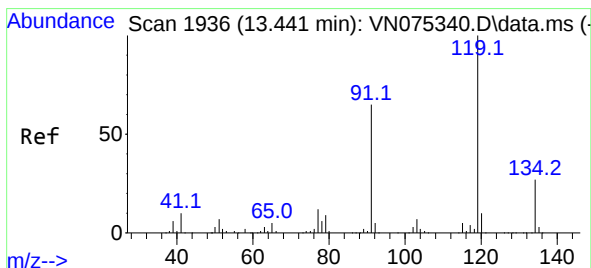
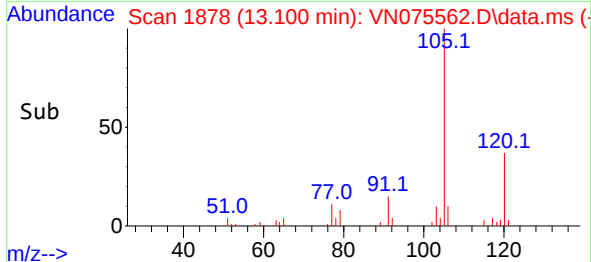
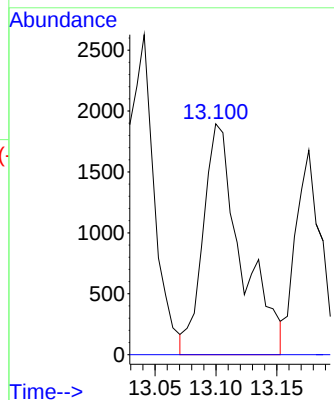
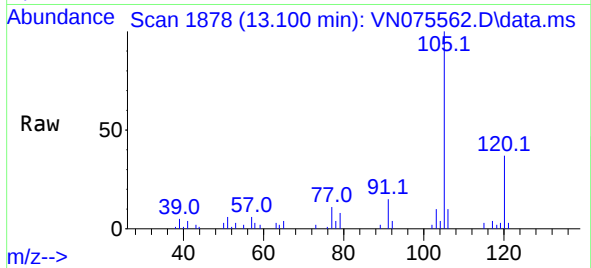




#82
4-Chlorotoluene
Concen: 0.747 ug/l
RT: 13.100 min Scan# 11
Delta R.T. -0.024 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

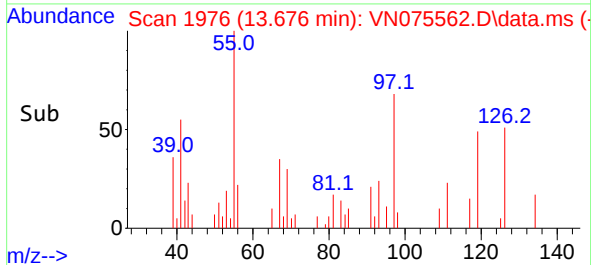
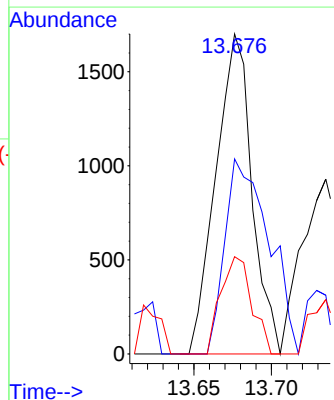
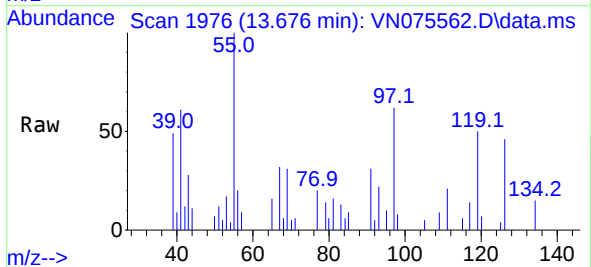
Instrument :
MSVOA_N
ClientSampleId :
SP-SILICA-1201DL

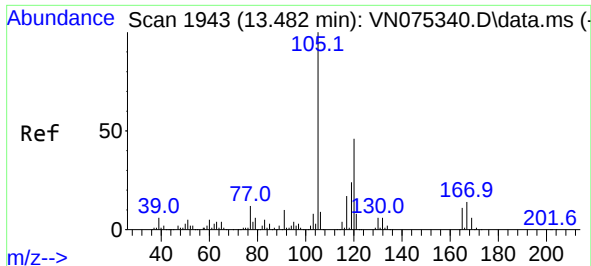
Tgt Ion: 91 Resp: 4137
Ion Ratio Lower Upper
91 100
126 0.0 16.9 50.7#



#83
tert-Butylbenzene
Concen: 0.441 ug/l
RT: 13.676 min Scan# 1976
Delta R.T. 0.235 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

Tgt Ion: 119 Resp: 2751
Ion Ratio Lower Upper
119 100
91 74.4 32.8 98.4
134 26.2 12.3 36.9

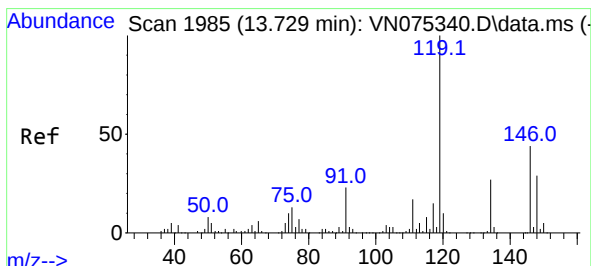
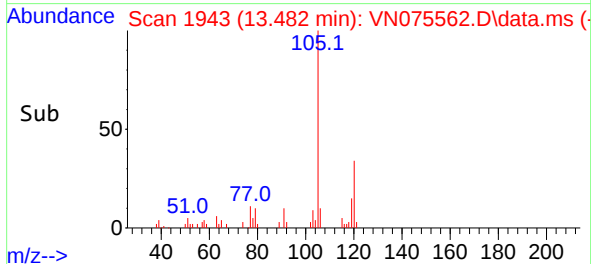
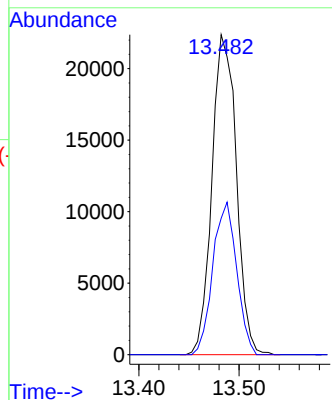
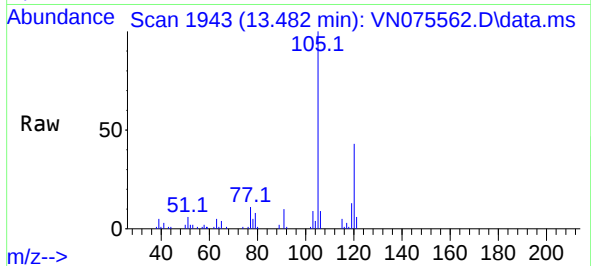




#84
1,2,4-Trimethylbenzene
Concen: 5.515 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

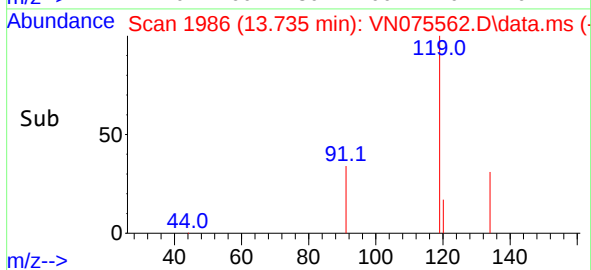
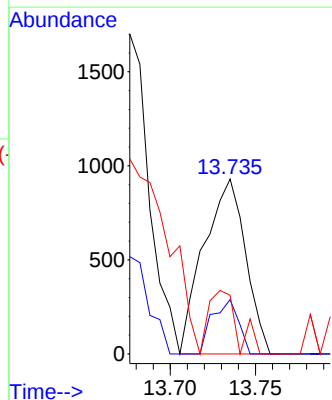
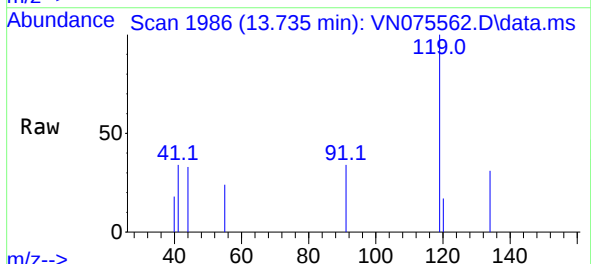
Instrument :
MSVOA_N
ClientSampleId :
SP-SILICA-1201DL

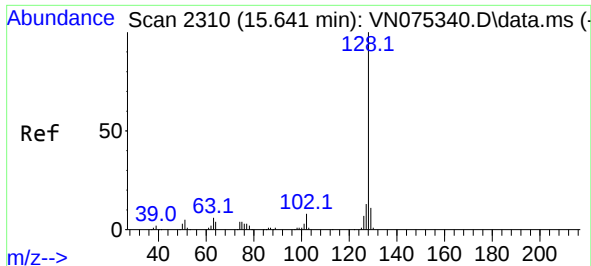
Tgt Ion:105 Resp: 37844
Ion Ratio Lower Upper
105 100
120 46.5 22.7 68.1



#86
p-Isopropyltoluene
Concen: 0.223 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.006 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

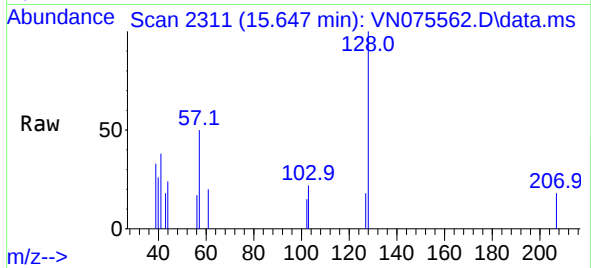
Tgt Ion:119 Resp: 1589
Ion Ratio Lower Upper
119 100
134 19.4 13.1 39.3
91 24.9 11.9 35.5





#95
Naphthalene
Concen: 0.371 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

Instrument :
MSVOA_N
ClientSampleId :
SP-SILICA-1201DL



Tgt Ion:	128	Resp:	2246
Ion	Ratio	Lower	Upper
128	100		
127	6.8	10.4	15.6#
129	3.6	8.6	12.8#

