

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052522\
 Data File : VX028982.D
 Acq On : 26 May 2022 04:38
 Operator : JC/MD
 Sample : N3024-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31793

Quant Time: May 26 05:56:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

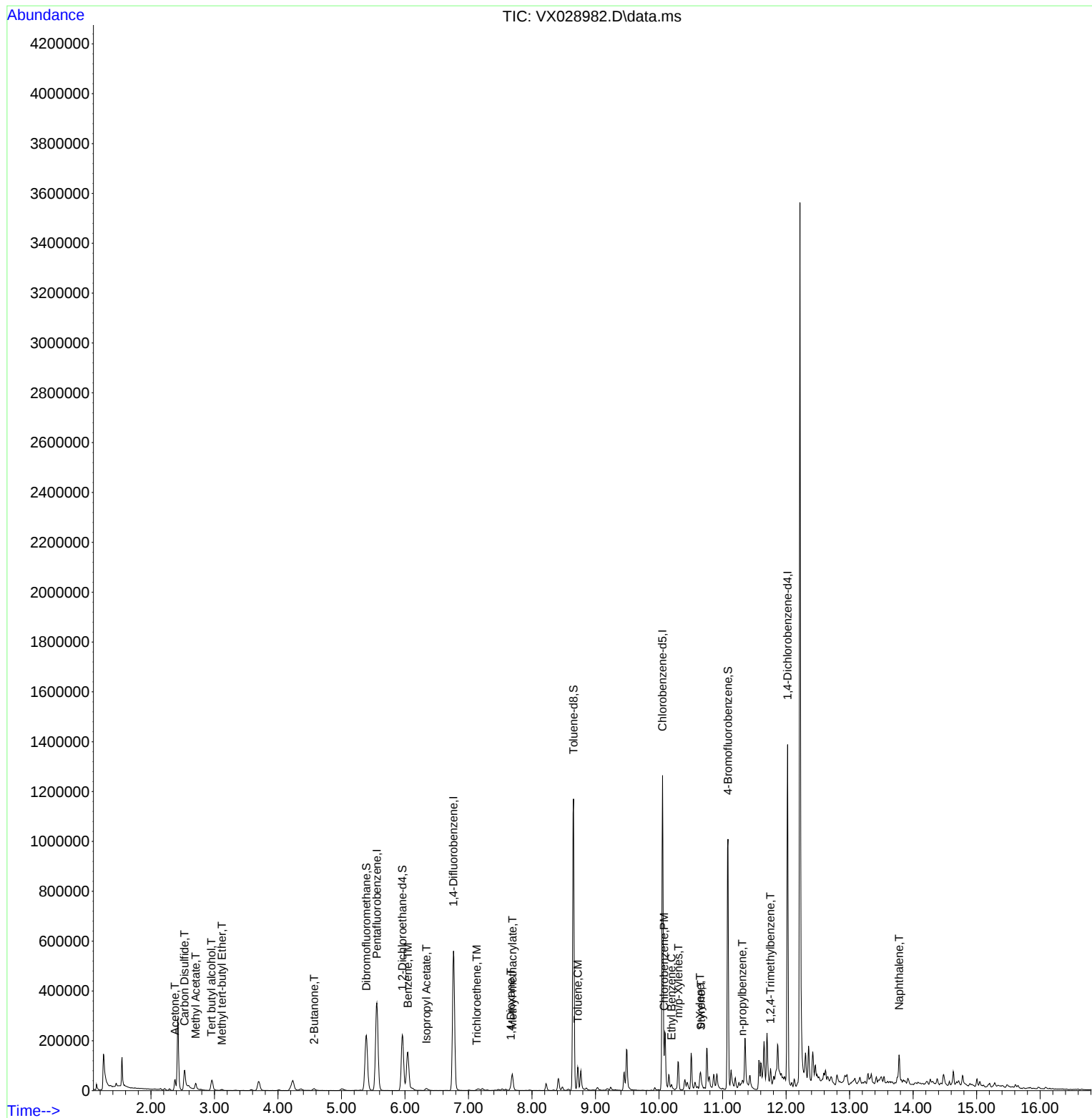
Internal Standards						
1) Pentafluorobenzene	5.556	168	338421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	594749	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	566317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	273639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	221786	47.809	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 95.620%			
35) Dibromofluoromethane	5.391	113	195981	50.294	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.580%			
50) Toluene-d8	8.653	98	707085	48.129	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.260%			
62) 4-Bromofluorobenzene	11.085	95	281628	51.324	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.640%			
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.953	59	31757	25.079	ug/l	99
16) Acetone	2.380	43	45339	22.773	ug/l	97
17) Carbon Disulfide	2.526	76	133564	14.711	ug/l	99
18) Methyl Acetate	2.703	43	25518	5.117	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	4228	0.340	ug/l #	71
25) 2-Butanone	4.568	43	13683	4.378	ug/l	97
40) Benzene	6.043	78	192043	11.417	ug/l	98
43) Isopropyl Acetate	6.336	43	2727	0.285	ug/l #	65
44) Trichloroethene	7.129	130	1272	0.279	ug/l	87
48) Methyl methacrylate	7.690	41	27090	5.864	ug/l #	29
49) 1,4-Dioxane	7.665	88	5594	48.468	ug/l #	70
52) Toluene	8.720	92	35408	3.272	ug/l	100
65) Chlorobenzene	10.079	112	23220	1.933	ug/l	99
67) Ethyl Benzene	10.195	91	10692	0.497	ug/l	96
68) m/p-Xylenes	10.305	106	27041	3.225	ug/l	94
69) o-Xylene	10.646	106	10550	1.278	ug/l	85
70) Styrene	10.659	104	21506	1.604	ug/l	97
78) n-propylbenzene	11.311	91	6176	0.257	ug/l #	62
84) 1,2,4-Trimethylbenzene	11.756	105	19674	1.135	ug/l	86
95) Naphthalene	13.780	128	39605	2.037	ug/l #	82

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

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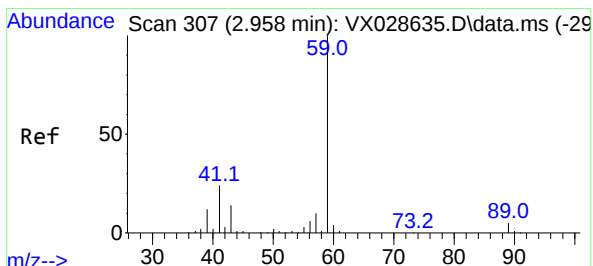
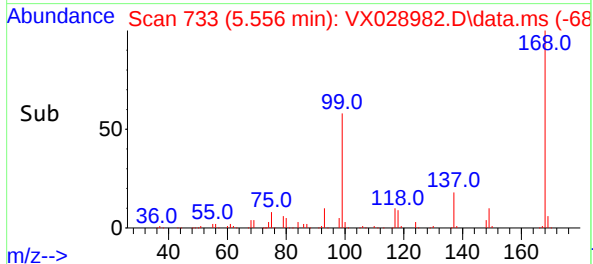
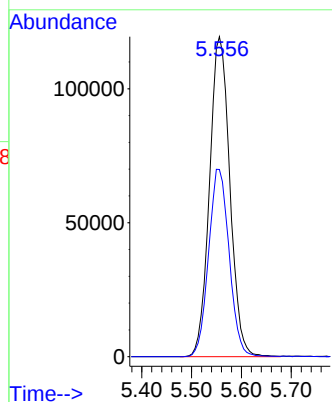
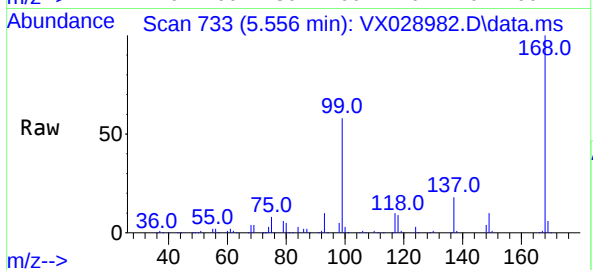




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028982.D
Acq: 26 May 2022 04:38

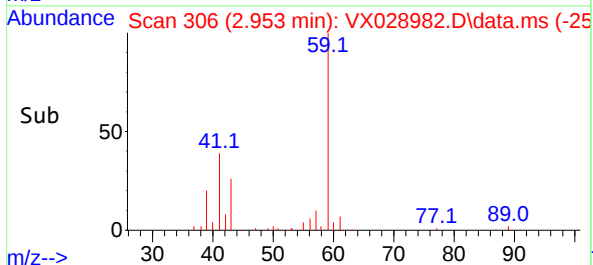
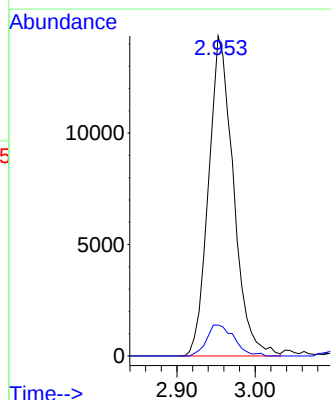
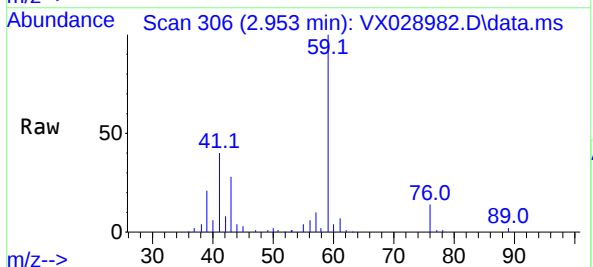
Instrument :
MSVOA_X
ClientSampleId :
31793

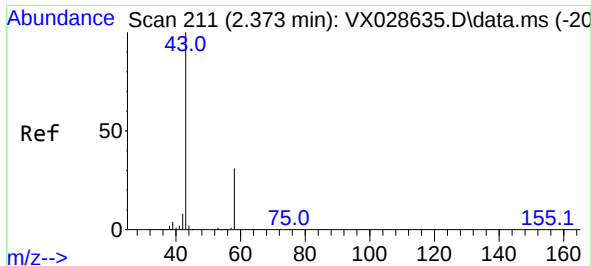
Tgt Ion:168 Resp: 338421
Ion Ratio Lower Upper
168 100
99 58.5 41.7 62.5



#11
Tert butyl alcohol
Concen: 25.079 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.005 min
Lab File: VX028982.D
Acq: 26 May 2022 04:38

Tgt Ion: 59 Resp: 31757
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5

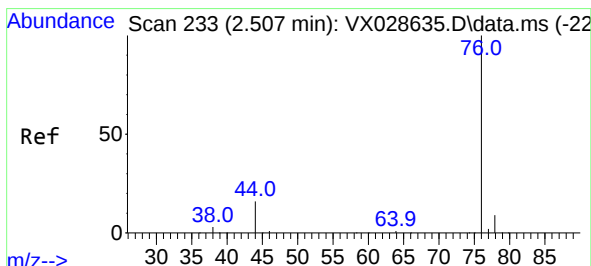
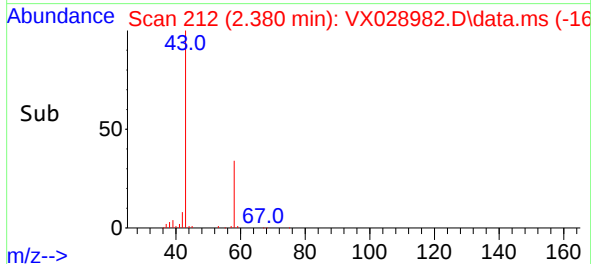
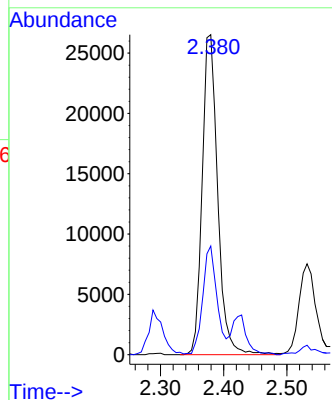
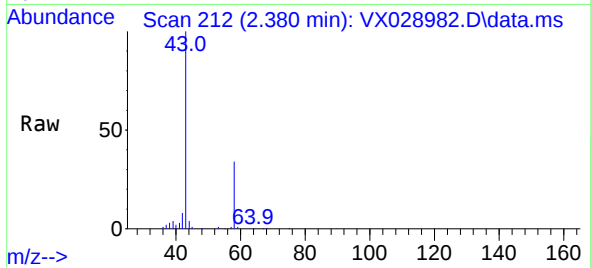




#16
Acetone
Concen: 22.773 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX028982.D
Acq: 26 May 2022 04:38

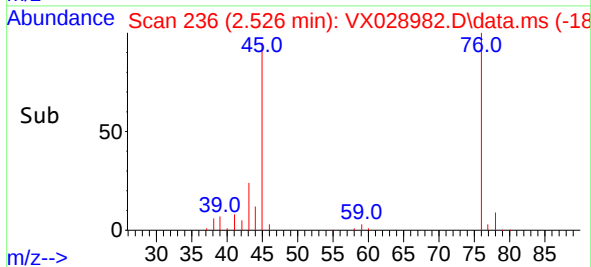
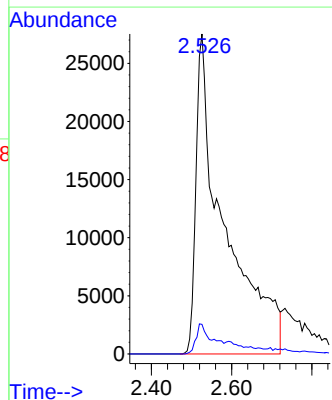
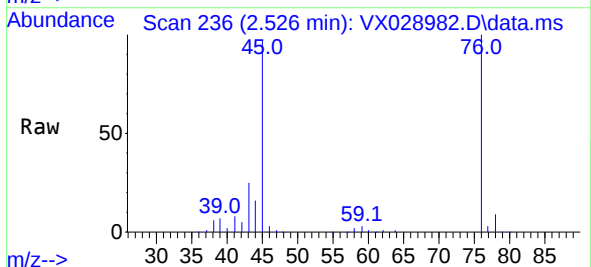
Instrument :
MSVOA_X
ClientSampleId :
31793

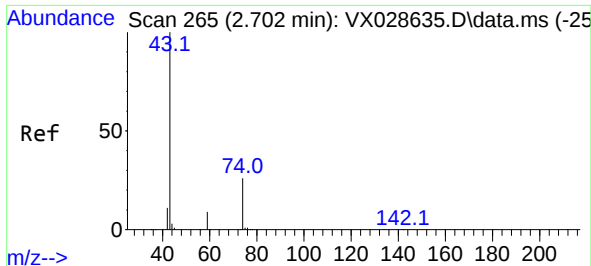
Tgt Ion: 43 Resp: 45339
Ion Ratio Lower Upper
43 100
58 34.0 28.8 43.2



#17
Carbon Disulfide
Concen: 14.711 ug/l
RT: 2.526 min Scan# 236
Delta R.T. 0.019 min
Lab File: VX028982.D
Acq: 26 May 2022 04:38

Tgt Ion: 76 Resp: 133564
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8





#18

Methyl Acetate

Concen: 5.117 ug/l

RT: 2.703 min Scan# 2

Delta R.T. 0.001 min

Lab File: VX028982.D

Acq: 26 May 2022 04:38

Instrument :

MSVOA_X

ClientSampleId :

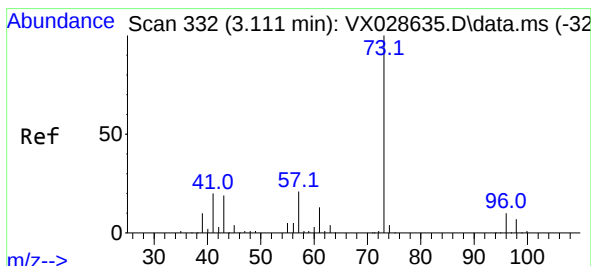
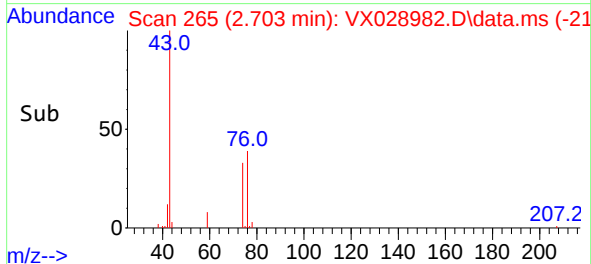
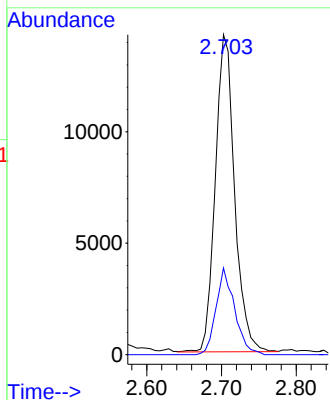
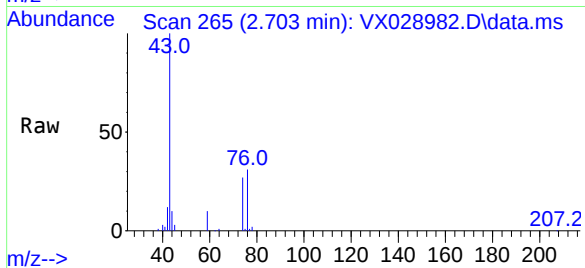
31793

Tgt Ion: 43 Resp: 25518

Ion Ratio Lower Upper

43 100

74 26.4 22.8 34.2



#19

Methyl tert-butyl Ether

Concen: 0.340 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.006 min

Lab File: VX028982.D

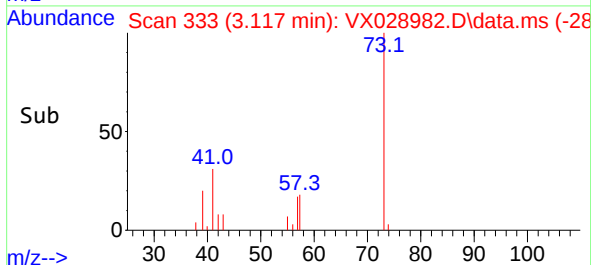
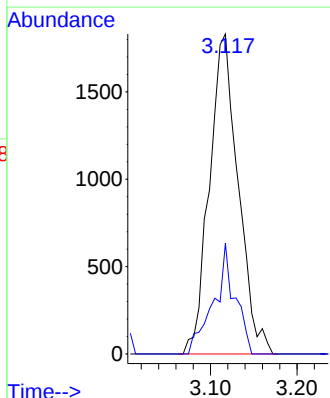
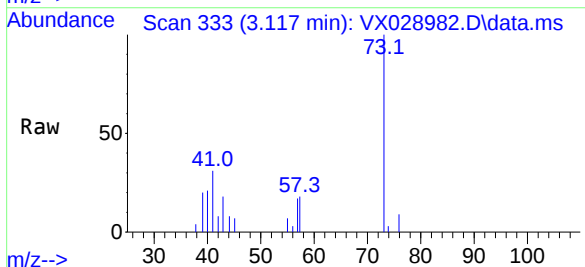
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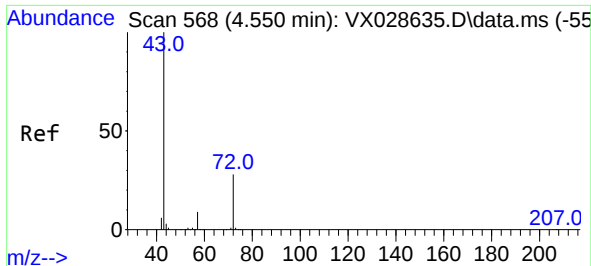
Tgt Ion: 73 Resp: 4228

Ion Ratio Lower Upper

73 100

57 34.6 16.8 25.2#





#25

2-Butanone

Concen: 4.378 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX028982.D

Acq: 26 May 2022 04:38

Instrument :

MSVOA_X

ClientSampleId :

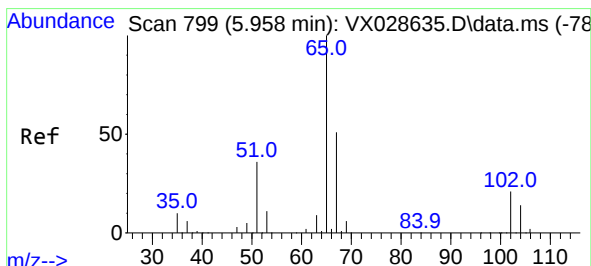
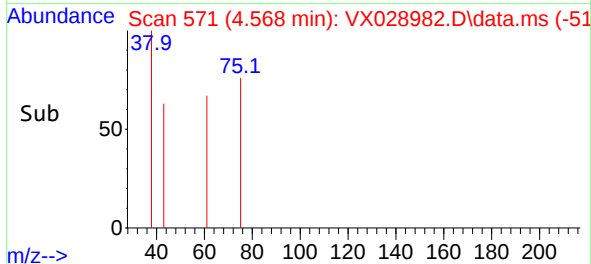
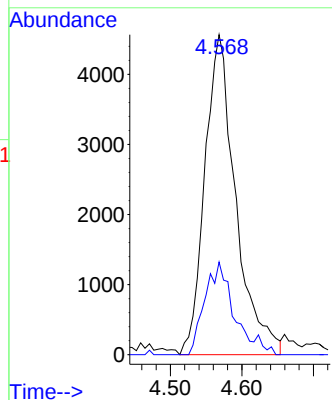
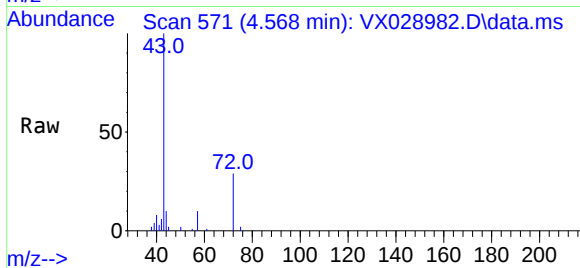
31793

Tgt Ion: 43 Resp: 13683

Ion Ratio Lower Upper

43 100

72 28.9 24.4 36.6



#33

1,2-Dichloroethane-d4

Concen: 47.809 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028982.D

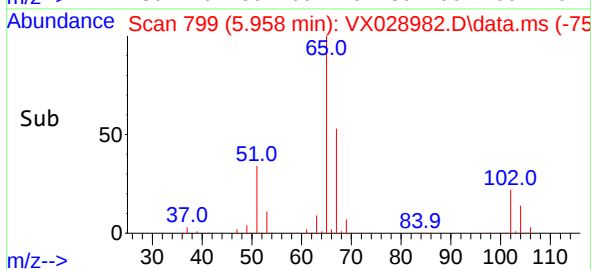
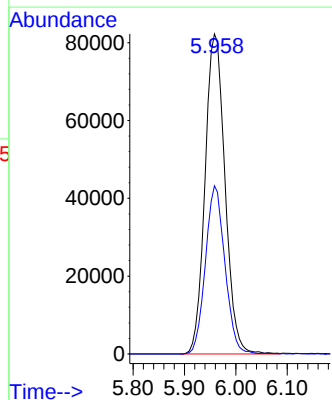
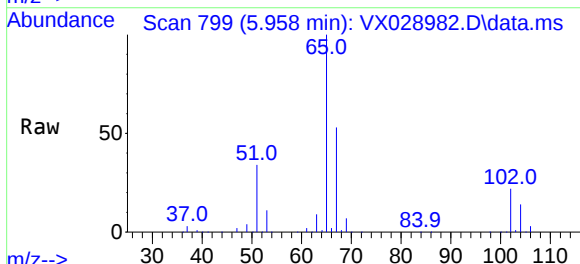
Acq: 26 May 2022 04:38

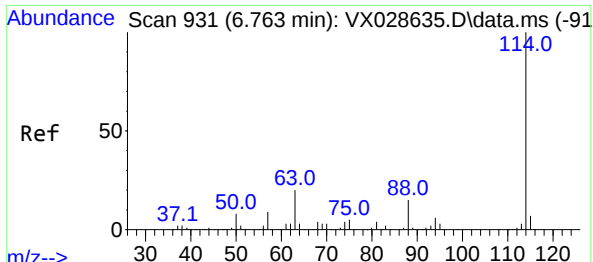
Tgt Ion: 65 Resp: 221786

Ion Ratio Lower Upper

65 100

67 51.2 0.0 107.4

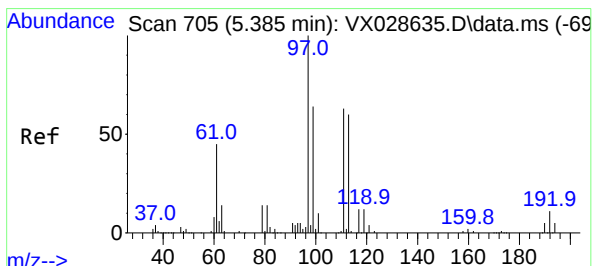
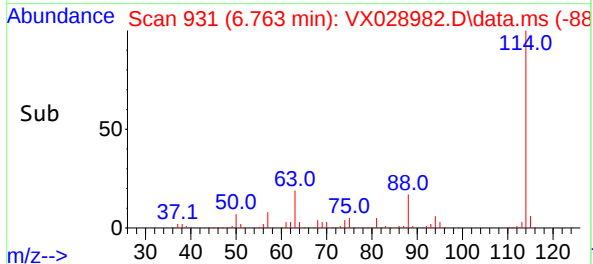
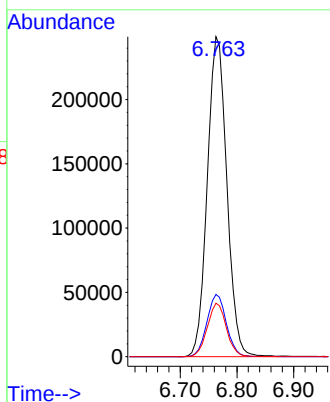
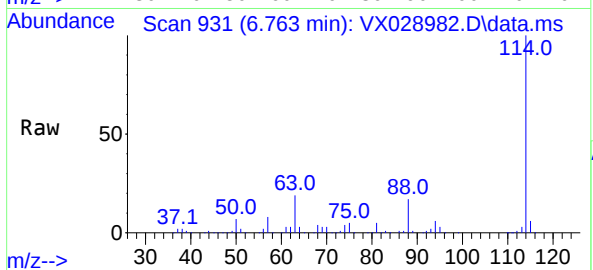




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028982.D
Acq: 26 May 2022 04:38

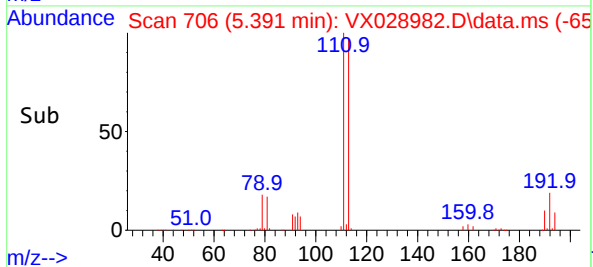
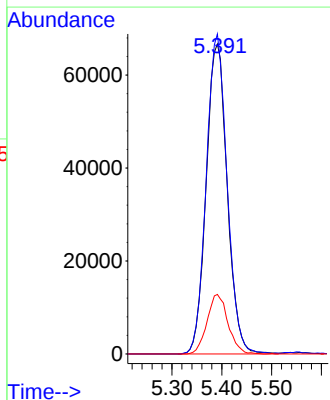
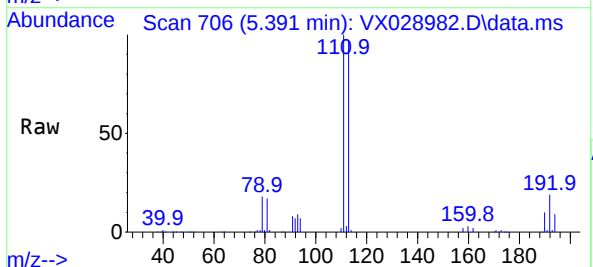
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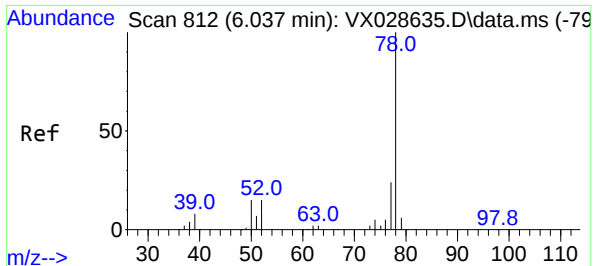
Tgt Ion:114 Resp: 594749
Ion Ratio Lower Upper
114 100
63 19.4 0.0 36.8
88 16.7 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.294 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028982.D
Acq: 26 May 2022 04:38

Tgt Ion:113 Resp: 195981
Ion Ratio Lower Upper
113 100
111 102.0 82.8 124.2
192 19.0 16.9 25.3

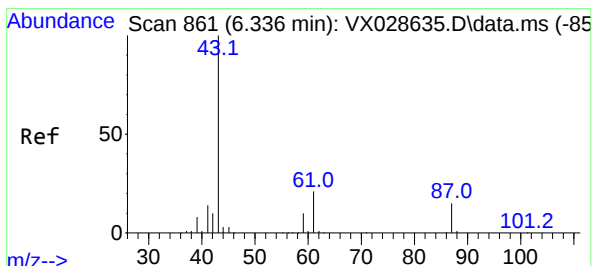
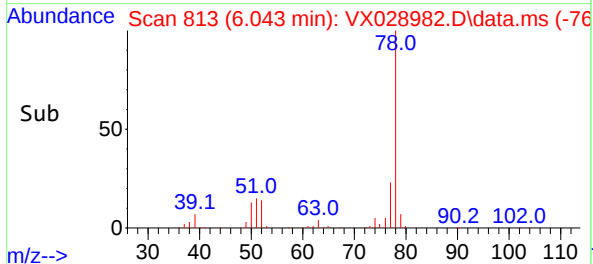
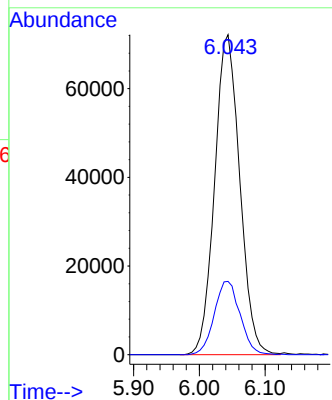
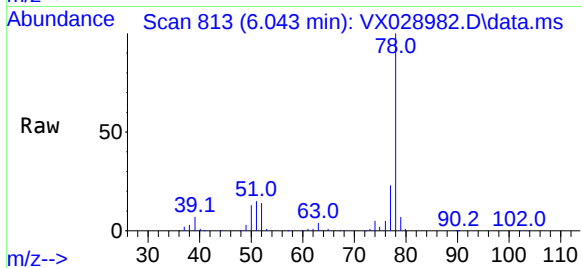




#40
Benzene
Concen: 11.417 ug/l
RT: 6.043 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX028982.D
Acq: 26 May 2022 04:38

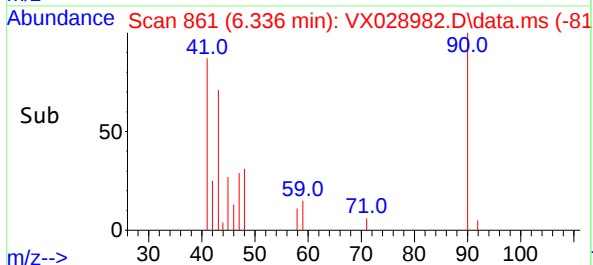
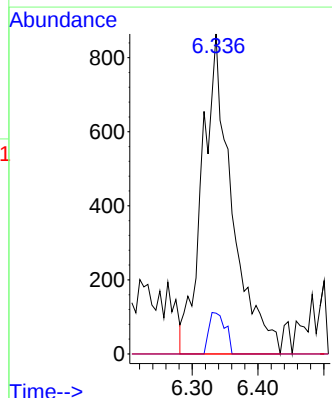
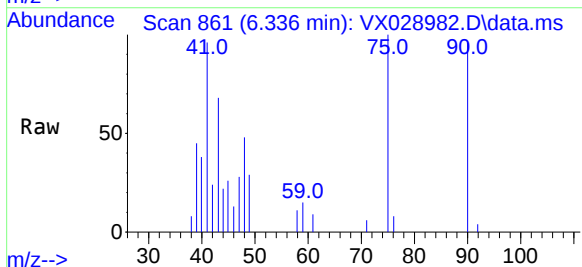
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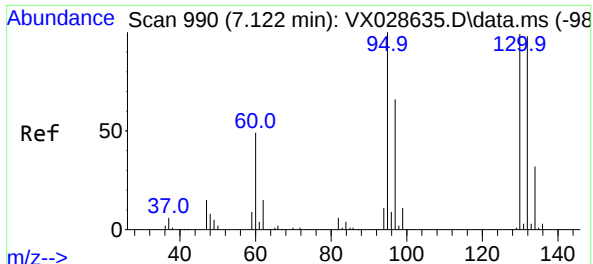
Tgt Ion: 78 Resp: 192043
Ion Ratio Lower Upper
78 100
77 22.9 19.3 28.9



#43
Isopropyl Acetate
Concen: 0.285 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX028982.D
Acq: 26 May 2022 04:38

Tgt Ion: 43 Resp: 2727
Ion Ratio Lower Upper
43 100
61 7.1 18.5 27.7#
87 0.0 13.0 19.6#

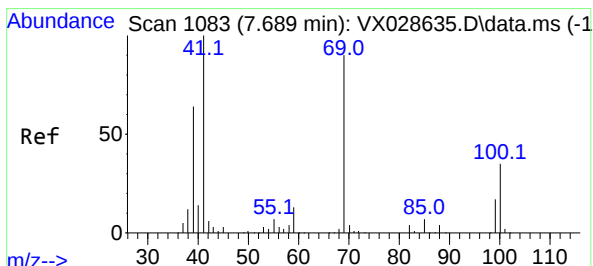
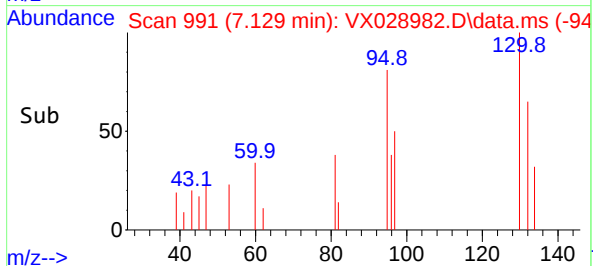
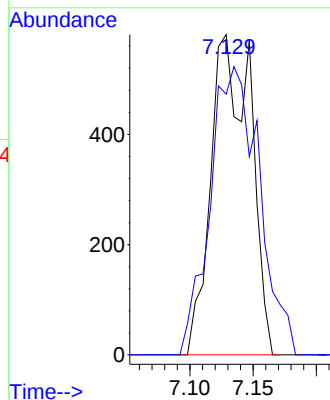
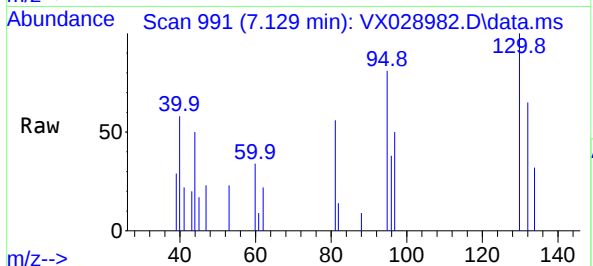




#44
Trichloroethene
Concen: 0.279 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX028982.D
Acq: 26 May 2022 04:38

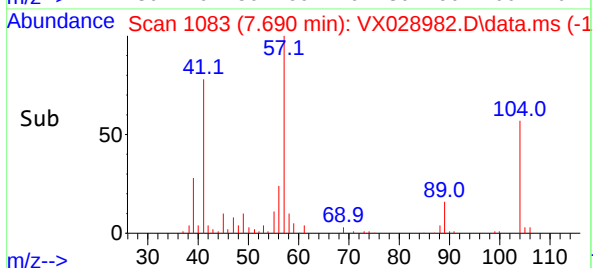
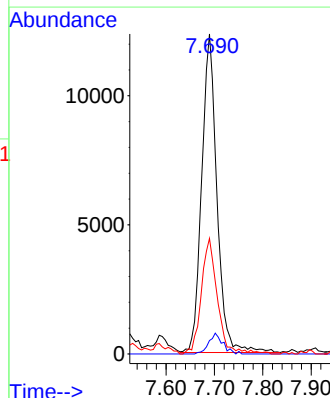
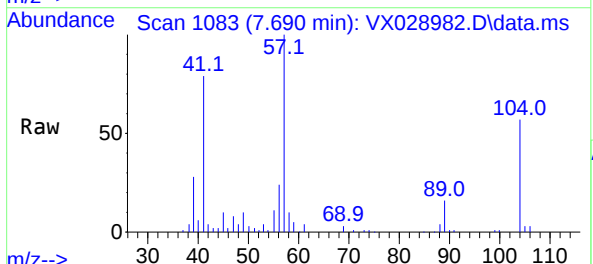
Instrument :
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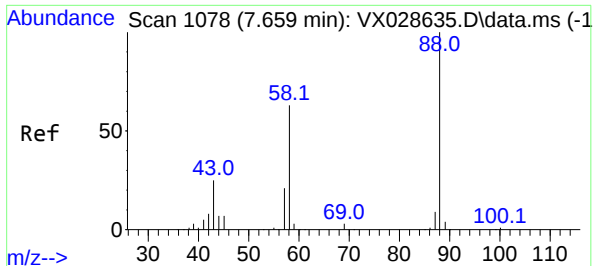
Tgt Ion:130 Resp: 1272
Ion Ratio Lower Upper
130 100
95 81.4 0.0 188.8



#48
Methyl methacrylate
Concen: 5.864 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.001 min
Lab File: VX028982.D
Acq: 26 May 2022 04:38

Tgt Ion: 41 Resp: 27090
Ion Ratio Lower Upper
41 100
69 6.1 82.5 123.7#
39 37.6 43.8 65.8#

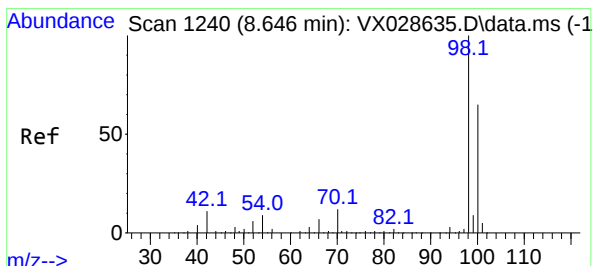
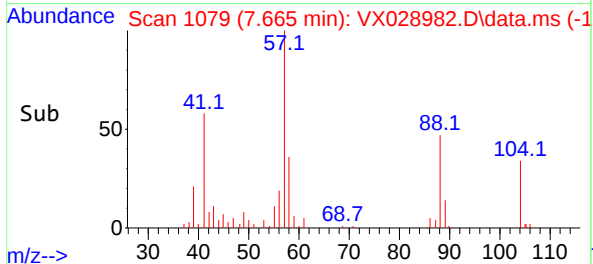
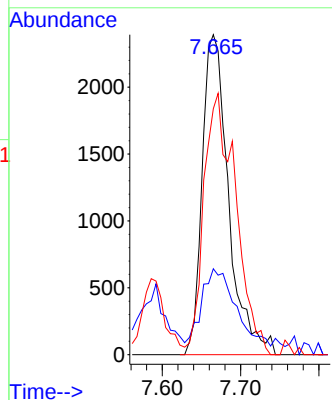
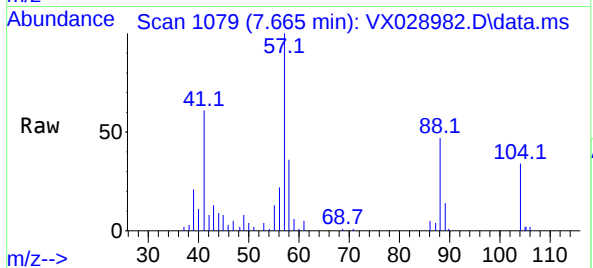




#49
1,4-Dioxane
Concen: 48.468 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX028982.D
Acq: 26 May 2022 04:38

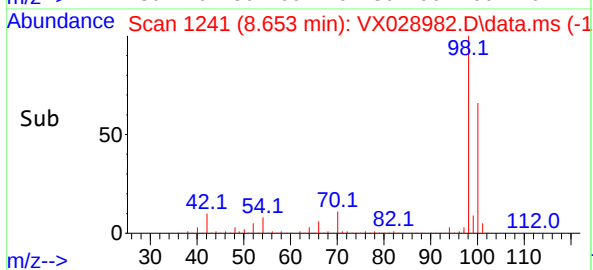
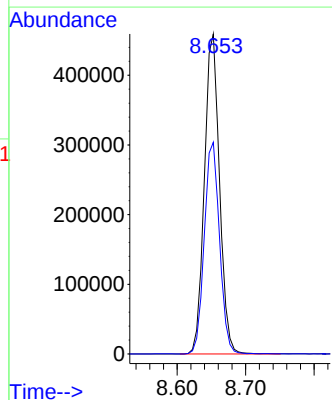
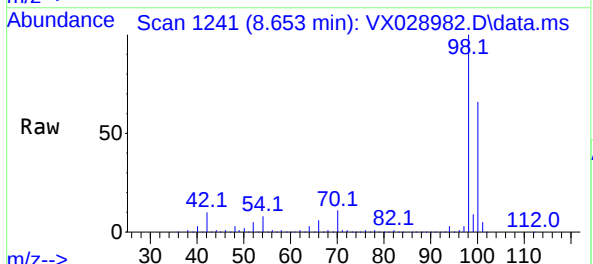
Instrument :
MSVOA_X
ClientSampleId :
31793

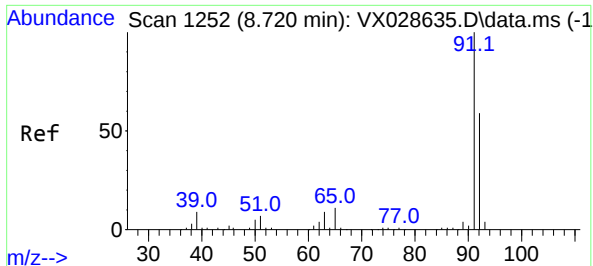
Tgt Ion: 88 Resp: 5594
Ion Ratio Lower Upper
88 100
43 30.4 21.9 32.9
58 98.8 53.7 80.5#



#50
Toluene-d8
Concen: 48.129 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028982.D
Acq: 26 May 2022 04:38

Tgt Ion: 98 Resp: 707085
Ion Ratio Lower Upper
98 100
100 66.7 52.6 78.8

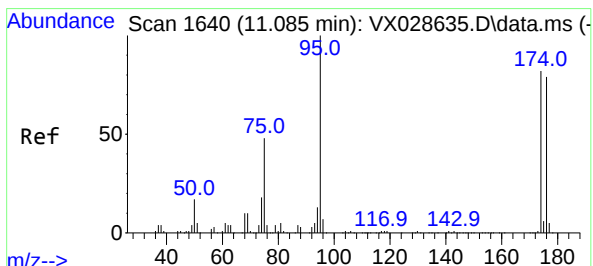
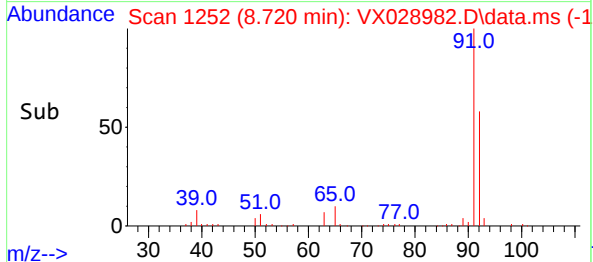
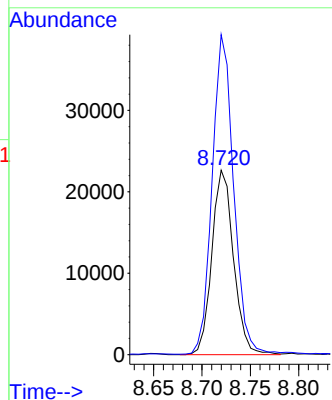
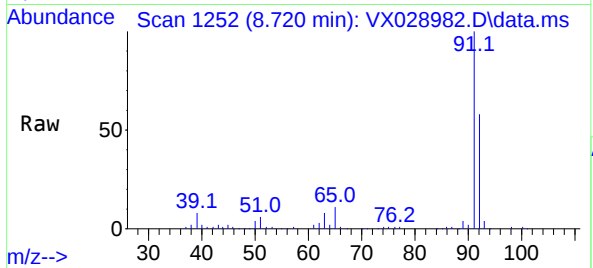




#52
Toluene
Concen: 3.272 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028982.D
Acq: 26 May 2022 04:38

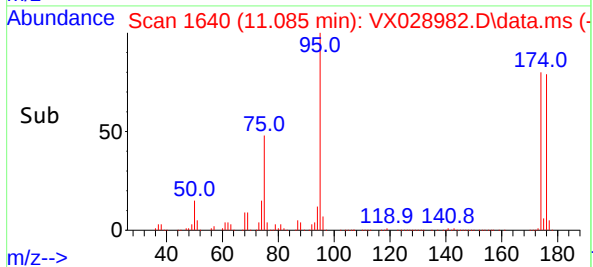
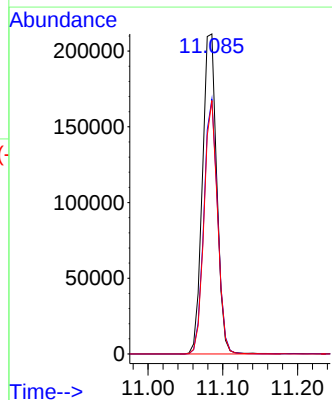
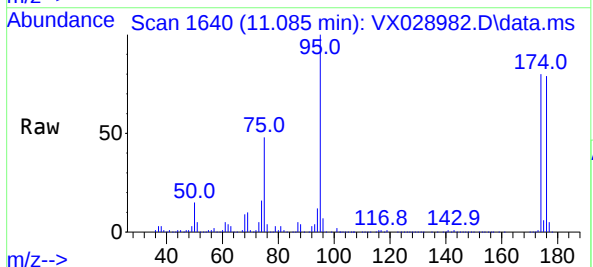
Instrument :
MSVOA_X
ClientSampleId :
31793

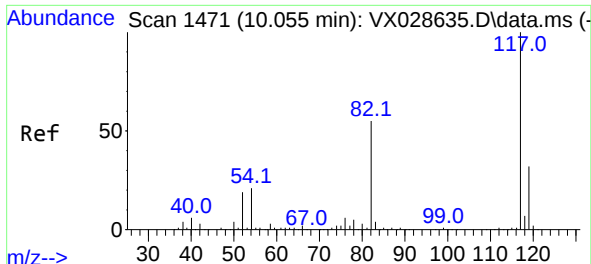
Tgt Ion: 92 Resp: 35408
Ion Ratio Lower Upper
92 100
91 171.7 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 51.324 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX028982.D
Acq: 26 May 2022 04:38

Tgt Ion: 95 Resp: 281628
Ion Ratio Lower Upper
95 100
174 76.1 0.0 163.0
176 74.5 0.0 155.0

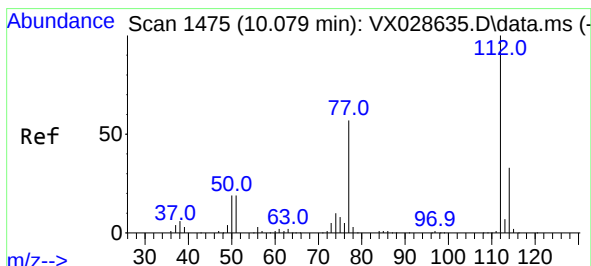
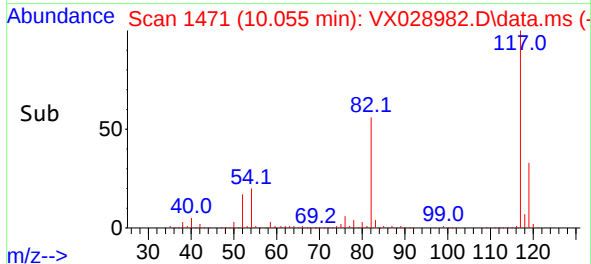
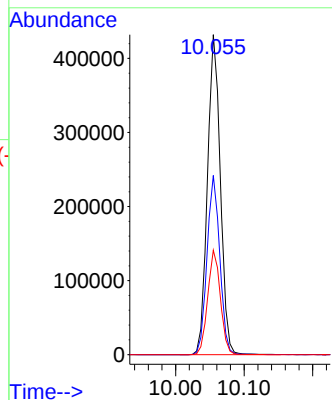
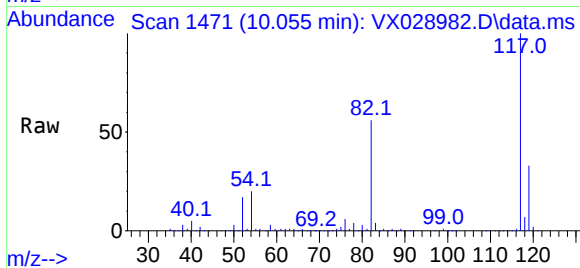




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028982.D
Acq: 26 May 2022 04:38

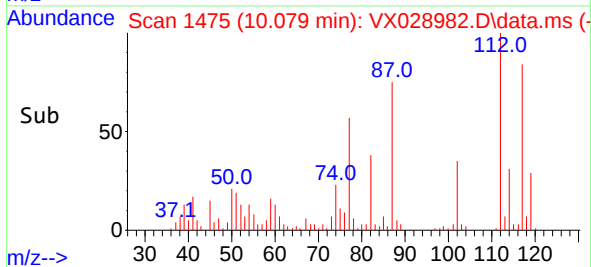
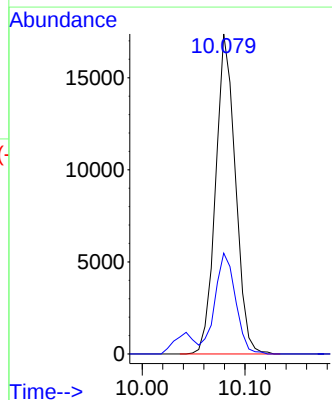
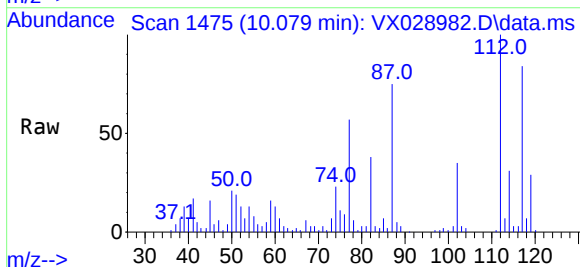
Instrument :
MSVOA_X
ClientSampleId :
31793

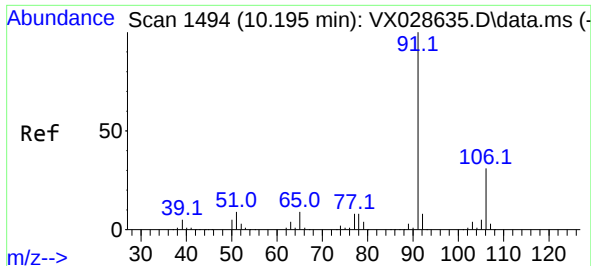
Tgt Ion:117 Resp: 566317
Ion Ratio Lower Upper
117 100
82 56.0 41.8 62.8
119 32.7 24.8 37.2



#65
Chlorobenzene
Concen: 1.933 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX028982.D
Acq: 26 May 2022 04:38

Tgt Ion:112 Resp: 23220
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.8

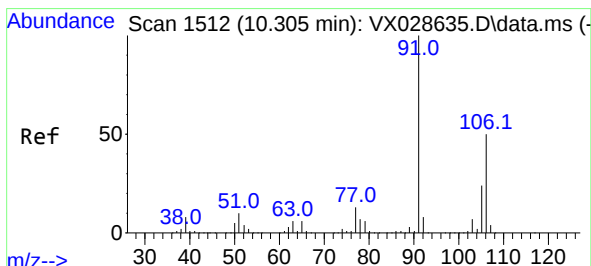
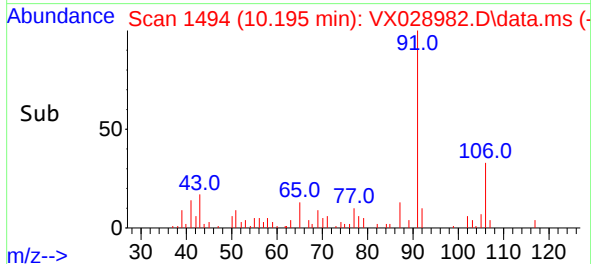
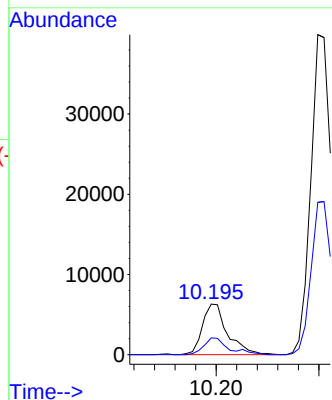
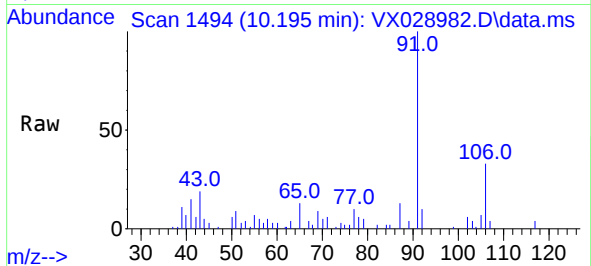




#67
Ethyl Benzene
Concen: 0.497 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028982.D
Acq: 26 May 2022 04:38

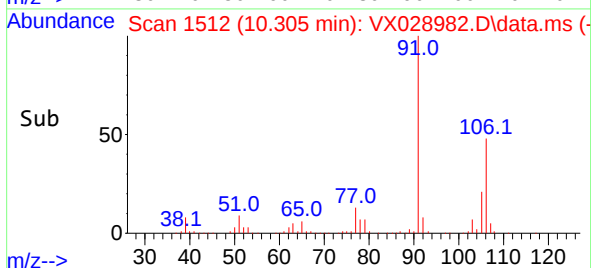
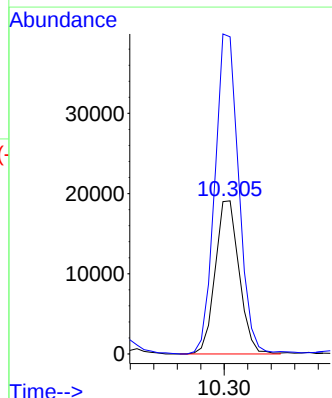
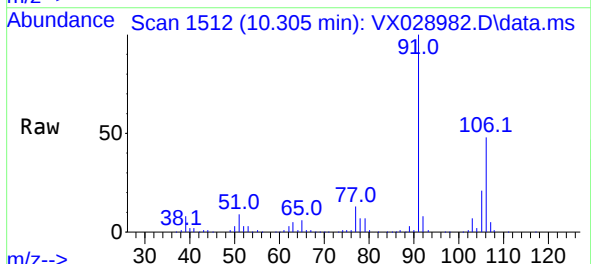
Instrument :
MSVOA_X
ClientSampleId :
31793

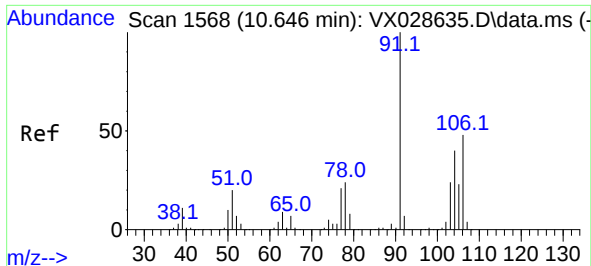
Tgt Ion: 91 Resp: 10692
Ion Ratio Lower Upper
91 100
106 33.1 24.6 36.8



#68
m/p-Xylenes
Concen: 3.225 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX028982.D
Acq: 26 May 2022 04:38

Tgt Ion: 106 Resp: 27041
Ion Ratio Lower Upper
106 100
91 209.2 160.4 240.6

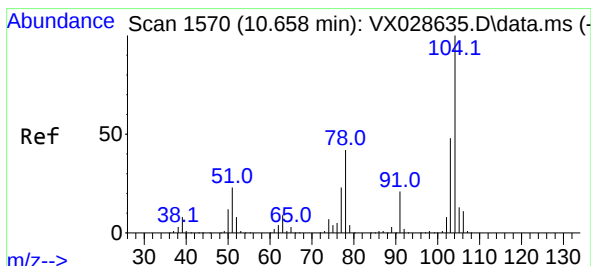
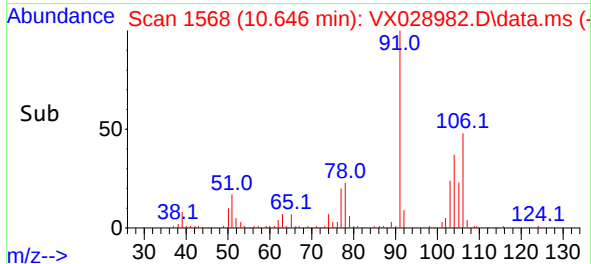
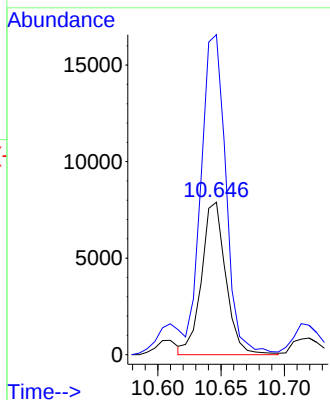
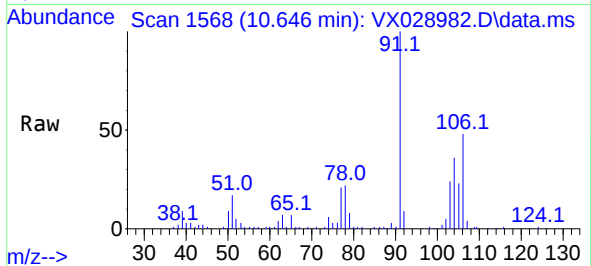




#69
o-Xylene
Concen: 1.278 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028982.D
Acq: 26 May 2022 04:38

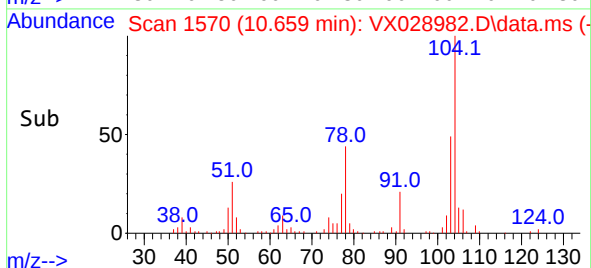
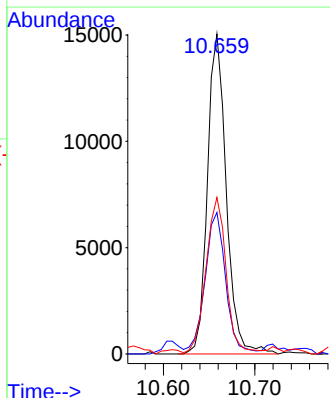
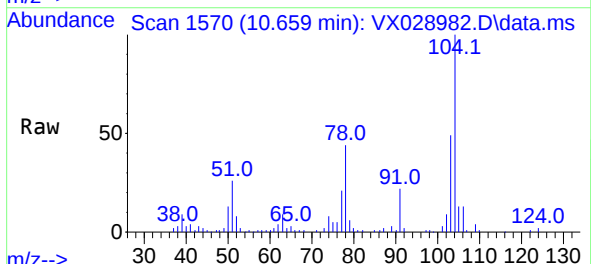
Instrument :
MSVOA_X
ClientSampleId :
31793

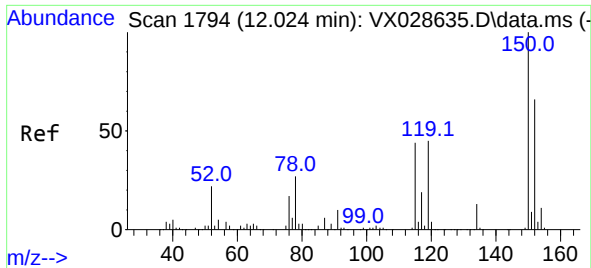
Tgt Ion:106 Resp: 10550
Ion Ratio Lower Upper
106 100
91 235.4 106.1 318.1



#70
Styrene
Concen: 1.604 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.001 min
Lab File: VX028982.D
Acq: 26 May 2022 04:38

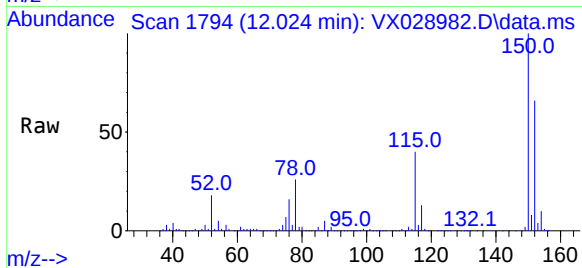
Tgt Ion:104 Resp: 21506
Ion Ratio Lower Upper
104 100
78 48.7 38.6 57.8
103 51.5 43.8 65.8



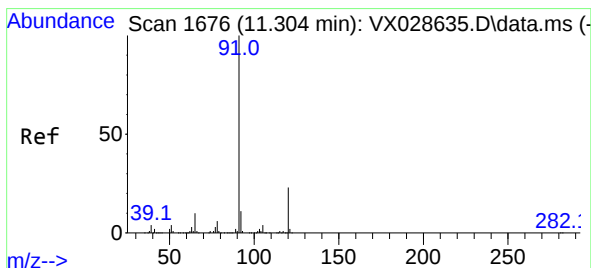
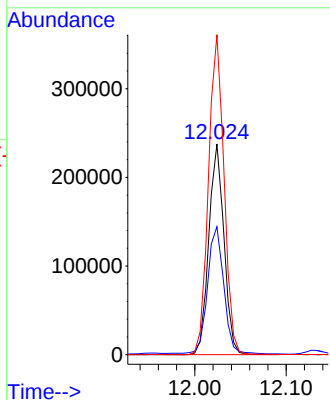
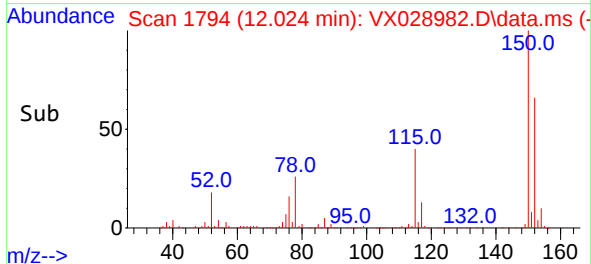


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028982.D
Acq: 26 May 2022 04:38

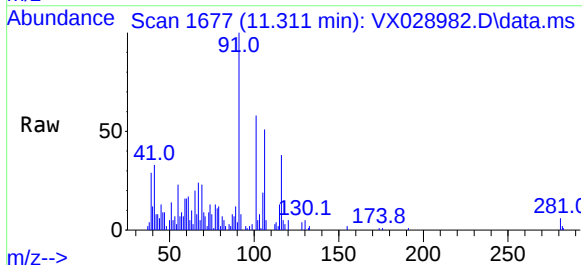
Instrument :
MSVOA_X
ClientSampleId :
31793



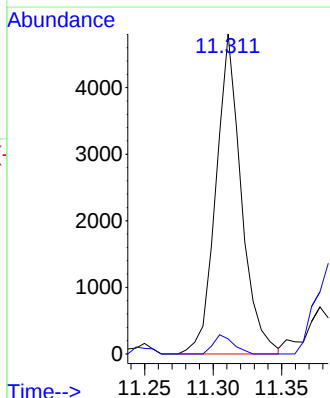
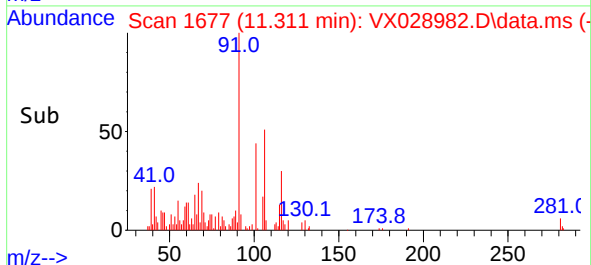
Tgt Ion:152 Resp: 273639
Ion Ratio Lower Upper
152 100
115 65.2 37.5 112.7
150 155.3 0.0 338.2

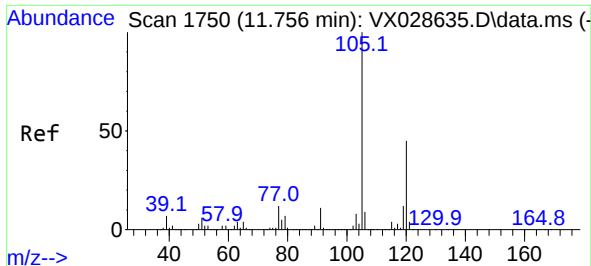


#78
n-propylbenzene
Concen: 0.257 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.007 min
Lab File: VX028982.D
Acq: 26 May 2022 04:38



Tgt Ion: 91 Resp: 6176
Ion Ratio Lower Upper
91 100
120 4.7 11.6 34.8#

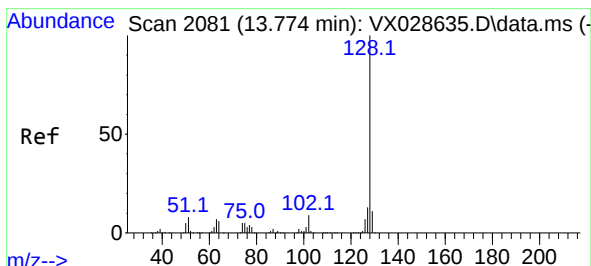
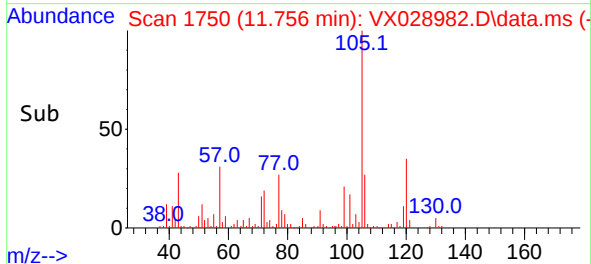
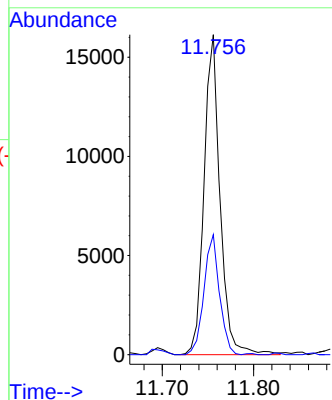
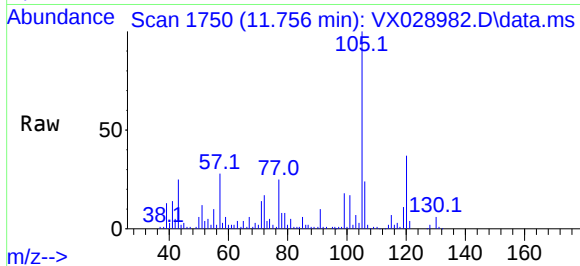




#84
1,2,4-Trimethylbenzene
Concen: 1.135 ug/l
RT: 11.756 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028982.D
Acq: 26 May 2022 04:38

Instrument :
MSVOA_X
ClientSampleId :
31793

Tgt Ion:105 Resp: 19674
Ion Ratio Lower Upper
105 100
120 36.3 22.6 67.8



#95
Naphthalene
Concen: 2.037 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX028982.D
Acq: 26 May 2022 04:38

Tgt Ion:128 Resp: 39605
Ion Ratio Lower Upper
128 100
127 17.0 10.2 15.4#
129 20.9 8.7 13.1#

