

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051022\
 Data File : VX028594.D
 Acq On : 10 May 2022 14:49
 Operator : JC/MD
 Sample : PB144702ZHE#07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB144702ZHE#07

Quant Time: May 11 07:00:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

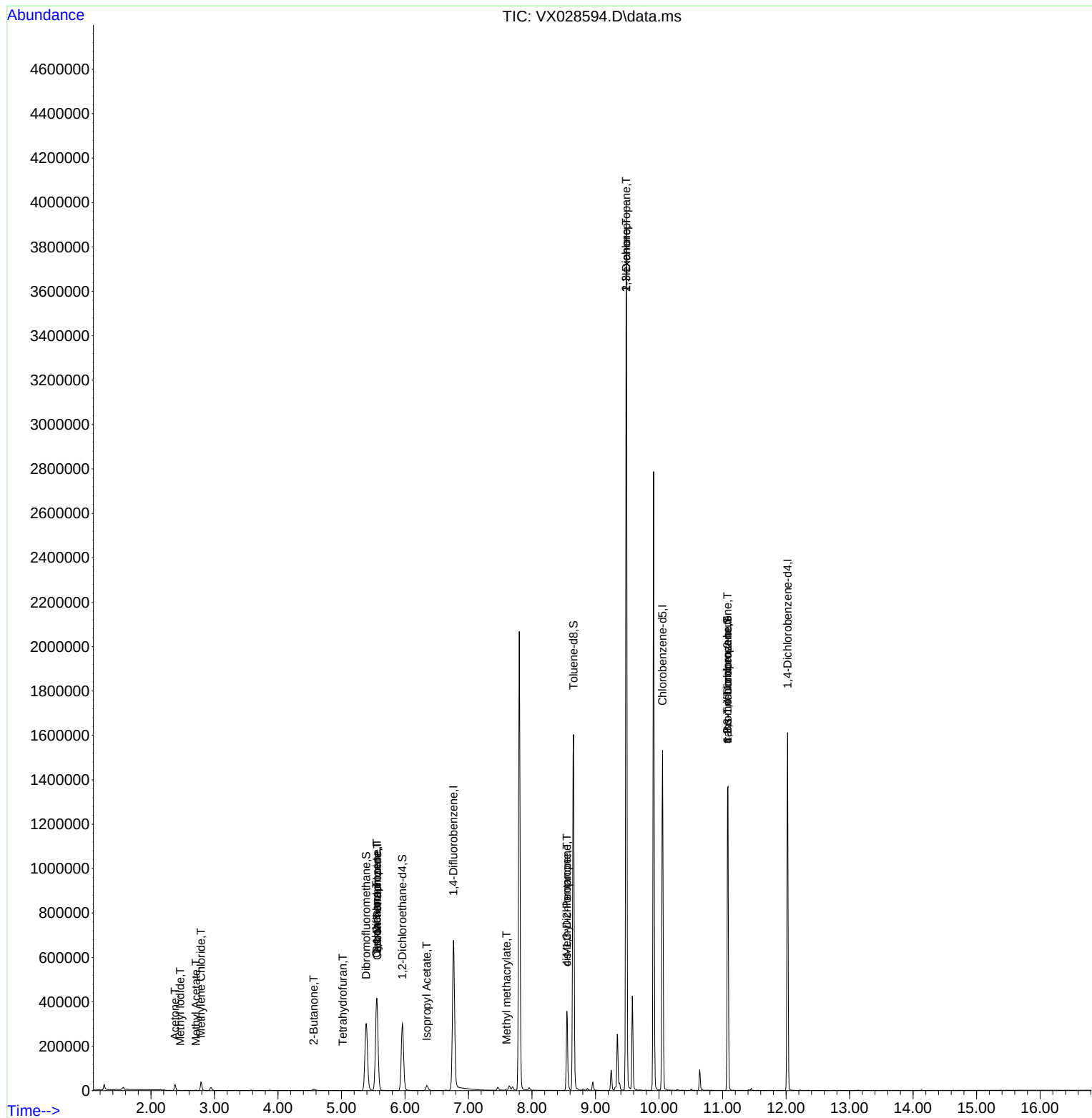
Internal Standards						
1) Pentafluorobenzene	5.556	168	413334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	707587	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	698815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	336284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	284370	52.765	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.520%	
35) Dibromofluoromethane	5.385	113	264231	53.248	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 106.500%	
50) Toluene-d8	8.653	98	977953	51.312	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.620%	
62) 4-Bromofluorobenzene	11.079	95	363470	49.877	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 99.760%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	487	Below Cal	#	70
5) Bromomethane	1.618	94	929	Below Cal		83
6) Chloroethane	1.697	64	835	Below Cal	#	43
8) Diethyl Ether	2.136	74	50	Below Cal	#	1
10) Methyl Iodide	2.459	142	364	5.306	ug/l	94
11) Tert butyl alcohol	2.947	59	7276	Below Cal	#	72
16) Acetone	2.380	43	28367	15.926	ug/l	97
18) Methyl Acetate	2.709	43	2125	0.443	ug/l	98
20) Methylene Chloride	2.788	84	16839	4.211	ug/l	93
25) 2-Butanone	4.562	43	2120	0.664	ug/l	97
29) Tetrahydrofuran	5.019	42	610	0.293	ug/l	# 83
31) Cyclohexane	5.550	56	7623	1.161	ug/l	# 4
36) 1,1-Dichloropropene	5.556	75	28782	4.447	ug/l	# 50
38) Carbon Tetrachloride	5.562	117	39979	5.471	ug/l	# 15
43) Isopropyl Acetate	6.342	43	29366	2.747	ug/l	97
48) Methyl methacrylate	7.598	41	8157	1.662	ug/l	# 7
51) 4-Methyl-2-Pentanone	8.549	43	115939	16.902	ug/l	# 45
54) cis-1,3-Dichloropropene	8.549	75	60623	7.597	ug/l	# 67
57) 1,3-Dichloropropane	9.482	76	38194	4.424	ug/l	# 43
59) 2-Hexanone	9.482	43	432291	81.358	ug/l	# 44
76) 1,2,3-Trichloropropane	11.079	75	179701	27.152	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	179701	80.689	ug/l	# 15

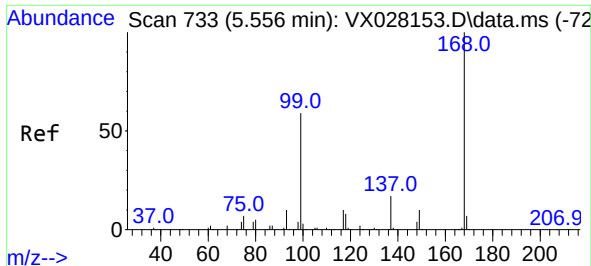
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Time: May 11 07:00:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

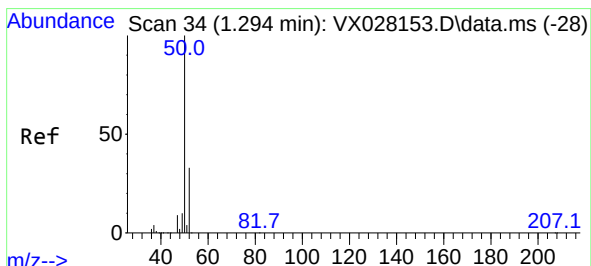
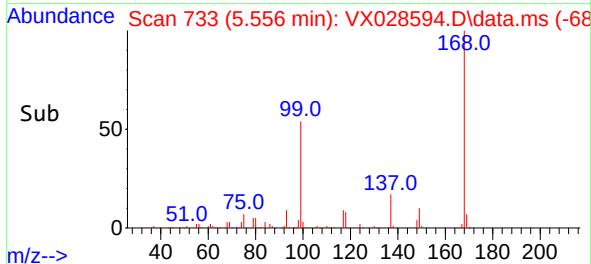
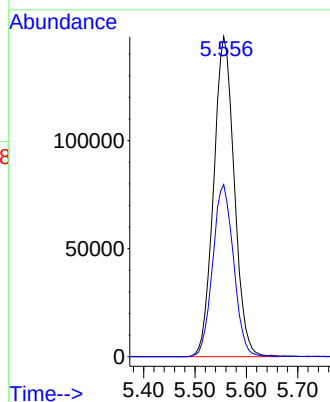
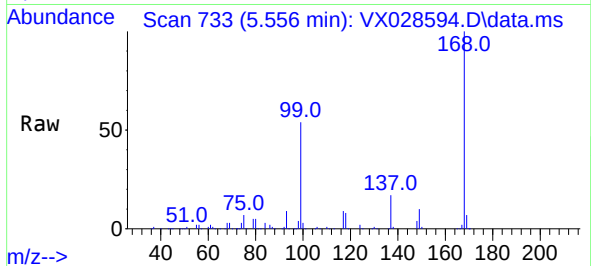




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028594.D
Acq: 10 May 2022 14:49

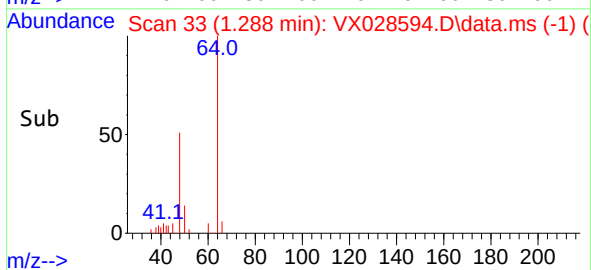
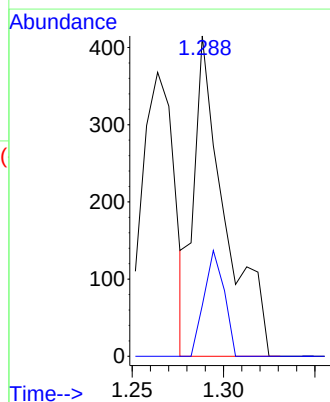
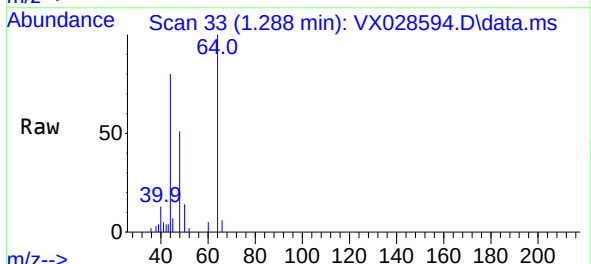
Instrument :
MSVOA_X
ClientSampleId :
PB144702ZHE#07

Tgt Ion:168 Resp: 413334
Ion Ratio Lower Upper
168 100
99 53.8 41.7 62.5

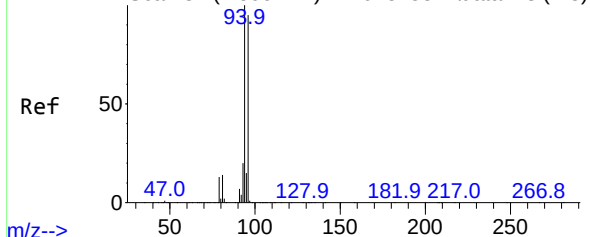


#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX028594.D
Acq: 10 May 2022 14:49

Tgt Ion: 50 Resp: 487
Ion Ratio Lower Upper
50 100
52 15.9 26.4 39.6#



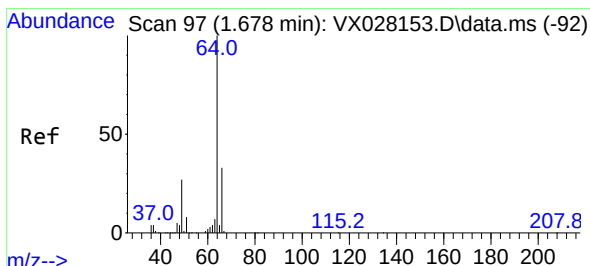
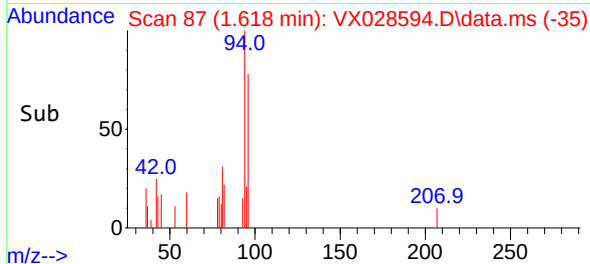
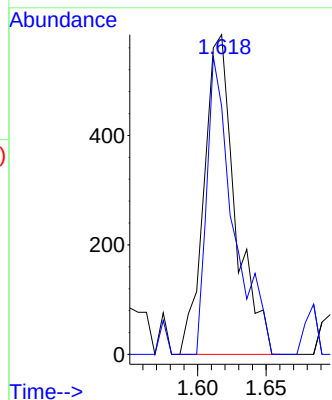
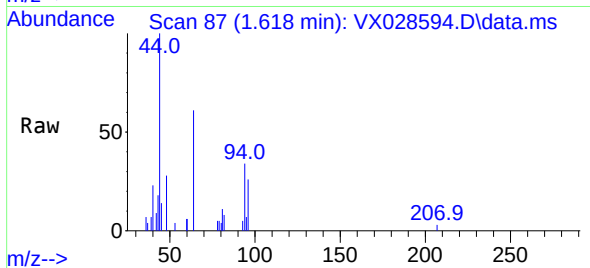
Abundance Scan 84 (1.599 min): VX028153.D\data.ms (-78)



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX028594.D
Acq: 10 May 2022 14:49

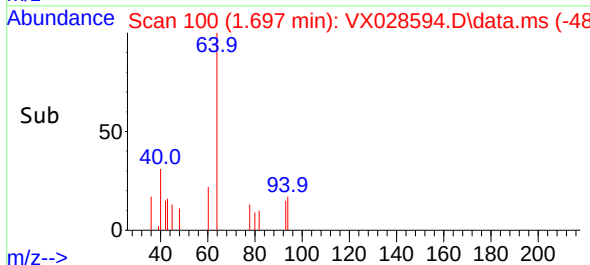
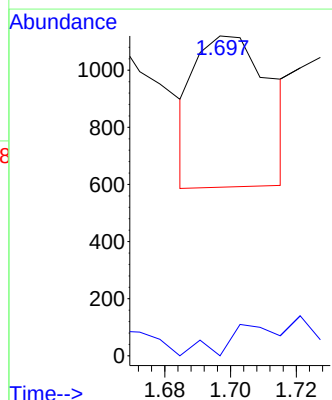
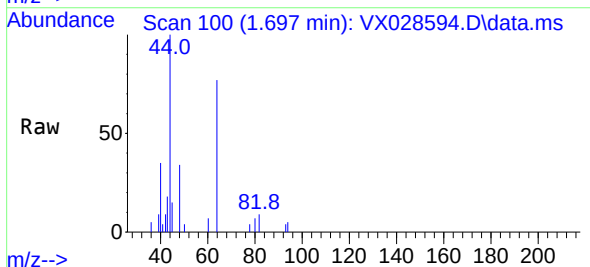
Instrument :
MSVOA_X
ClientSampleId :
PB144702ZHE#07

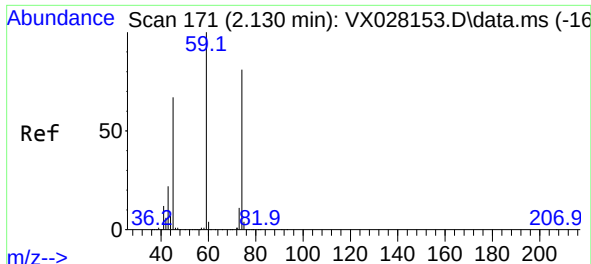
Tgt Ion: 94 Resp: 929
Ion Ratio Lower Upper
94 100
96 77.6 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.697 min Scan# 100
Delta R.T. 0.019 min
Lab File: VX028594.D
Acq: 10 May 2022 14:49

Tgt Ion: 64 Resp: 835
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

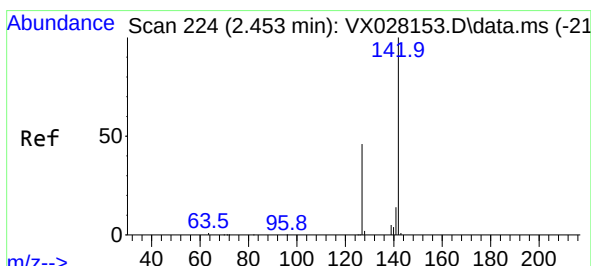
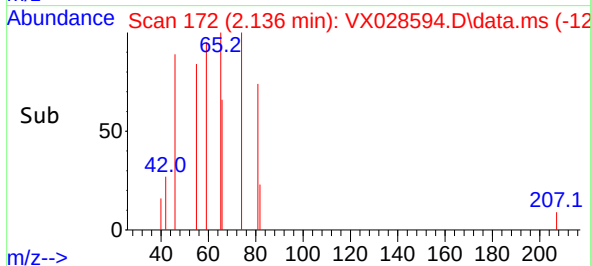
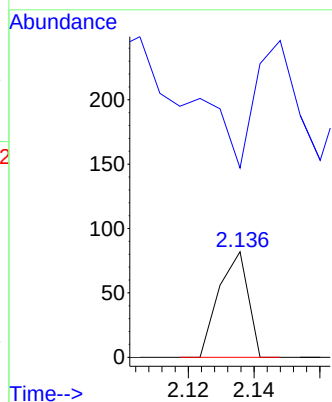
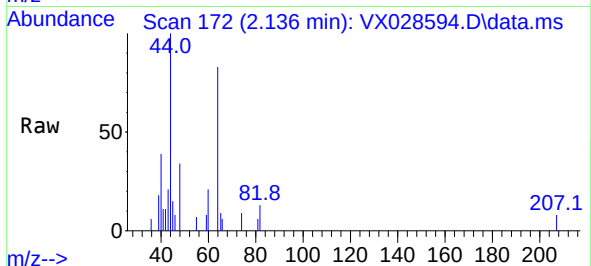




#8
Diethyl Ether
Concen: Below Cal
RT: 2.136 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX028594.D
Acq: 10 May 2022 14:49

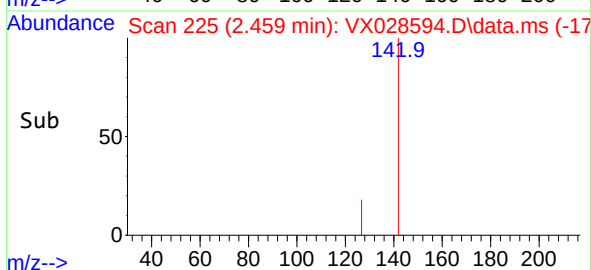
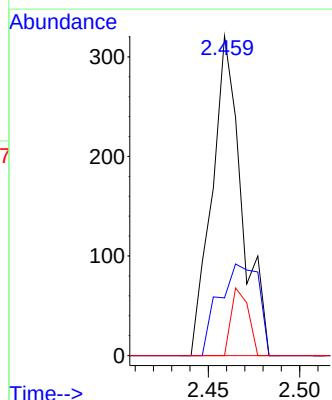
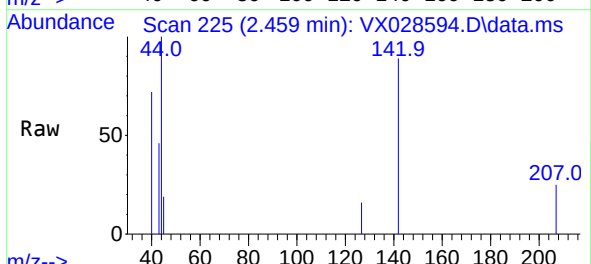
Instrument :
MSVOA_X
ClientSampleId :
PB144702ZHE#07

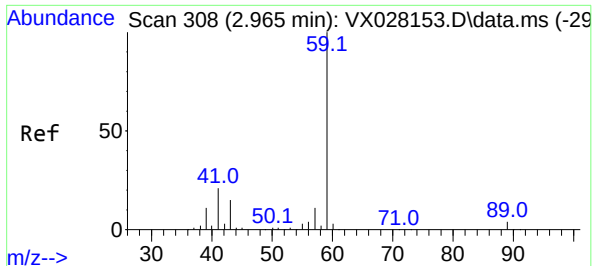
Tgt Ion: 74 Resp: 50
Ion Ratio Lower Upper
74 100
45 190.0 42.0 126.0#



#10
Methyl Iodide
Concen: 5.306 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX028594.D
Acq: 10 May 2022 14:49

Tgt Ion:142 Resp: 364
Ion Ratio Lower Upper
142 100
127 38.2 33.9 50.9
141 12.1 11.4 17.2

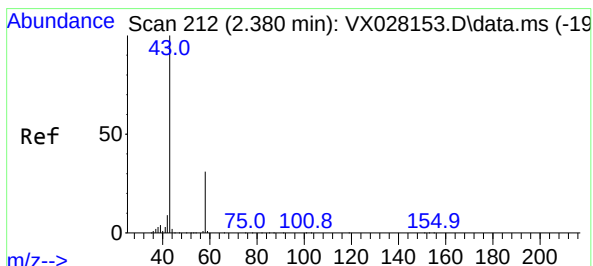
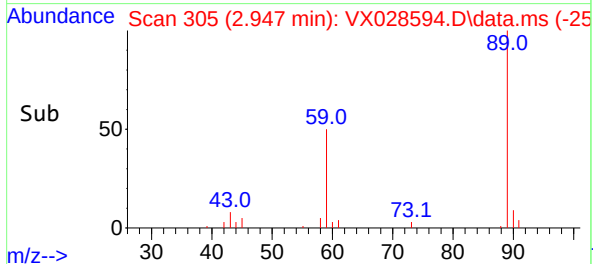
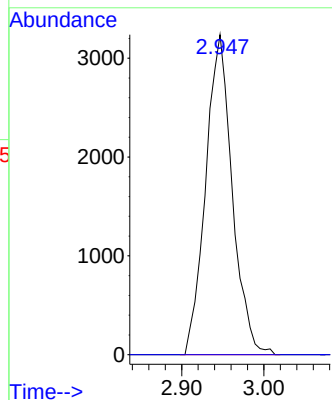
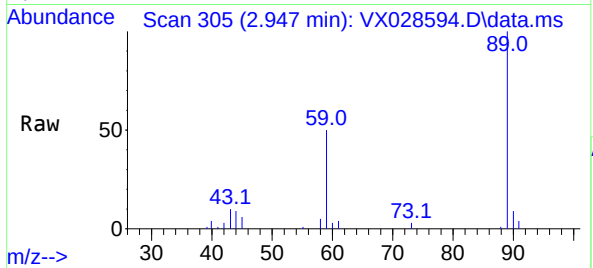




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX028594.D
Acq: 10 May 2022 14:49

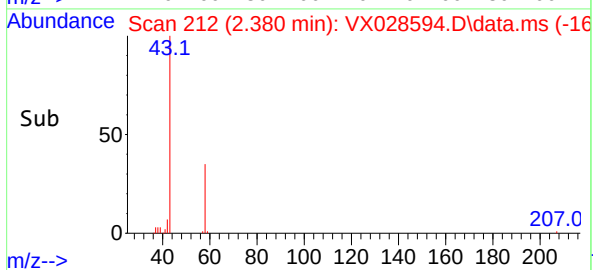
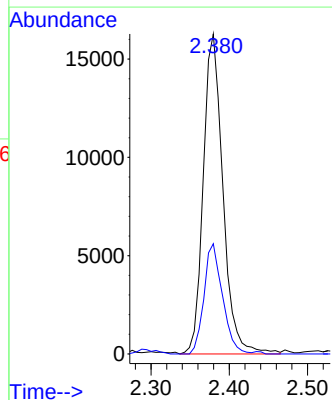
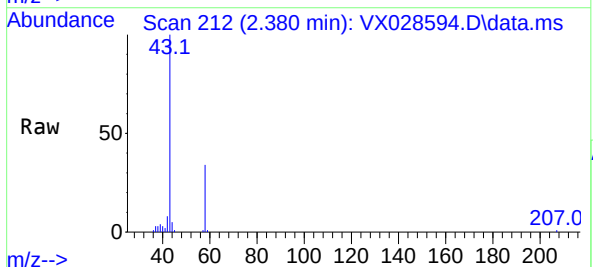
Instrument :
MSVOA_X
ClientSampleId :
PB144702ZHE#07

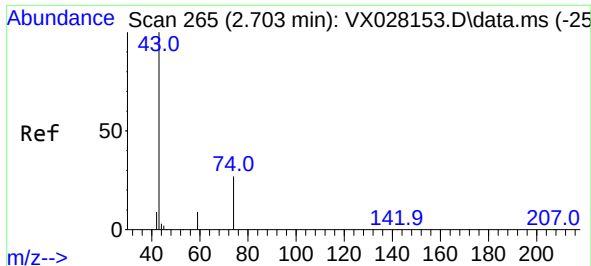
Tgt Ion: 59 Resp: 7276
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 15.926 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028594.D
Acq: 10 May 2022 14:49

Tgt Ion: 43 Resp: 28367
Ion Ratio Lower Upper
43 100
58 34.5 28.8 43.2

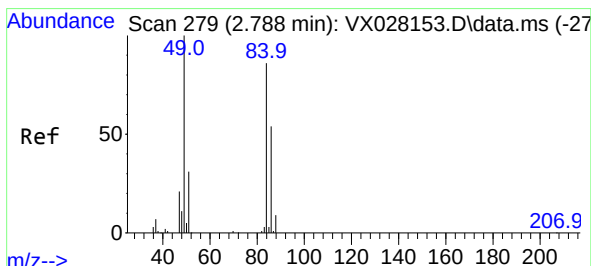
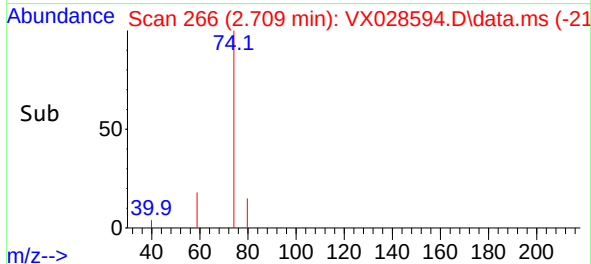
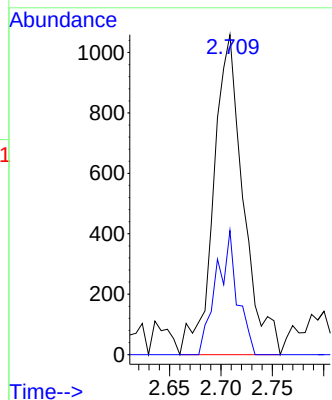
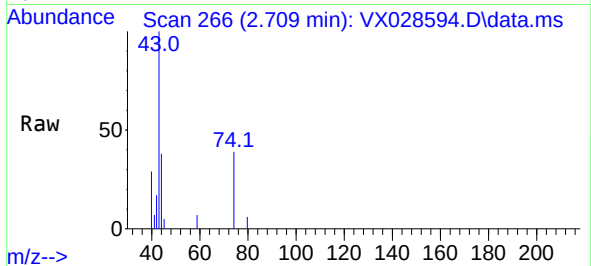




#18
Methyl Acetate
Concen: 0.443 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX028594.D
Acq: 10 May 2022 14:49

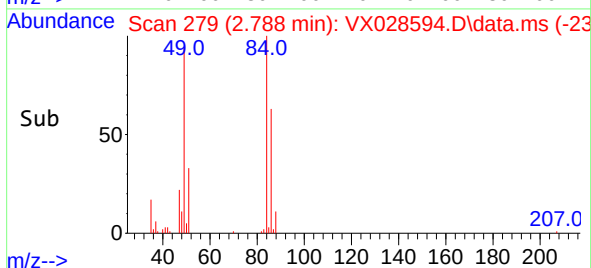
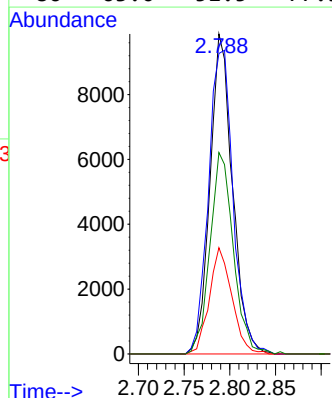
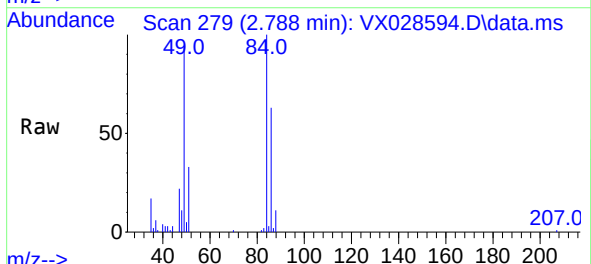
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ClientSampleId :
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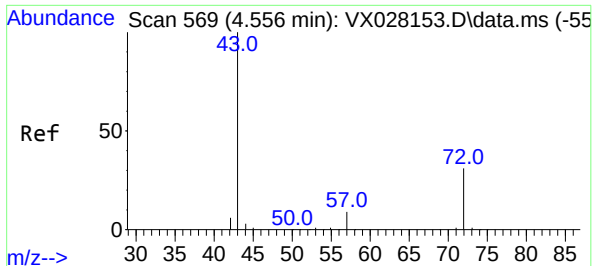
Tgt Ion: 43 Resp: 2125
Ion Ratio Lower Upper
43 100
74 27.5 22.8 34.2



#20
Methylene Chloride
Concen: 4.211 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028594.D
Acq: 10 May 2022 14:49

Tgt Ion: 84 Resp: 16839
Ion Ratio Lower Upper
84 100
49 93.9 85.5 128.3
51 33.2 26.6 39.8
86 63.0 51.5 77.3





#25

2-Butanone

Concen: 0.664 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX028594.D

Acq: 10 May 2022 14:49

Instrument :

MSVOA_X

ClientSampleId :

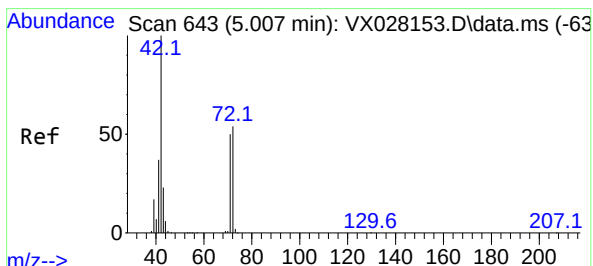
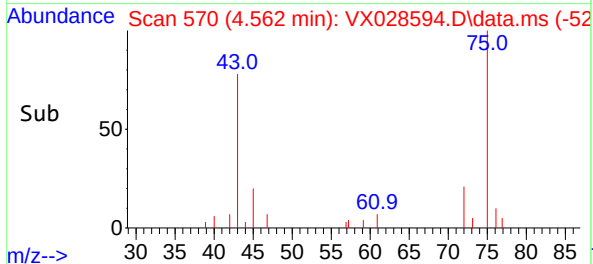
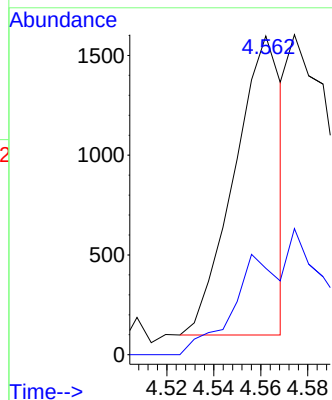
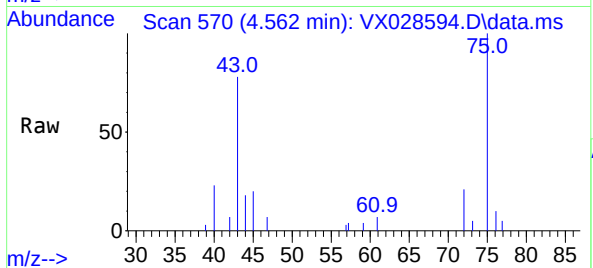
PB144702ZHE#07

Tgt Ion: 43 Resp: 2120

Ion Ratio Lower Upper

43 100

72 28.9 24.4 36.6



#29

Tetrahydrofuran

Concen: 0.293 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.012 min

Lab File: VX028594.D

Acq: 10 May 2022 14:49

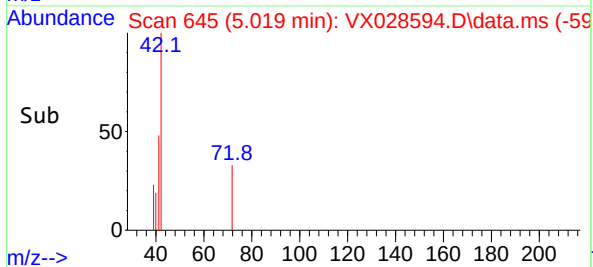
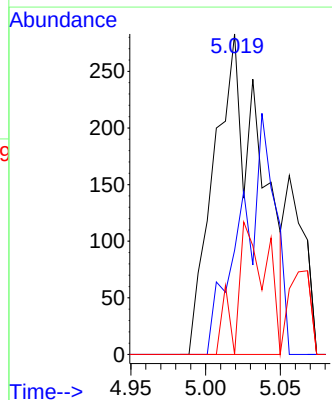
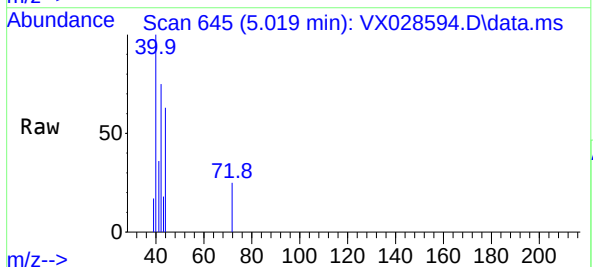
Tgt Ion: 42 Resp: 610

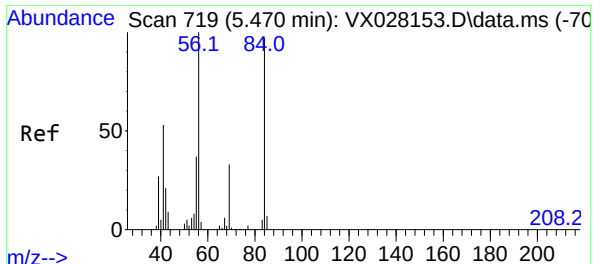
Ion Ratio Lower Upper

42 100

72 54.4 44.1 66.1

71 26.1 40.5 60.7#

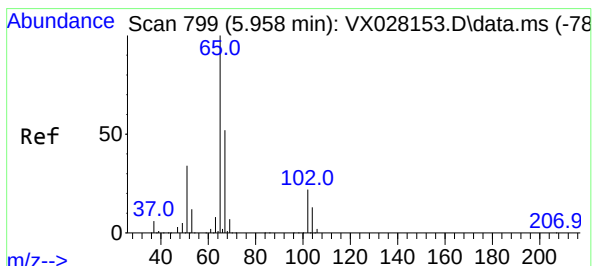
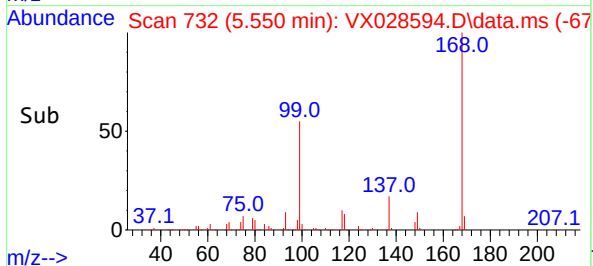
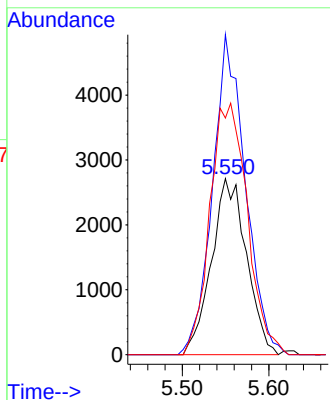
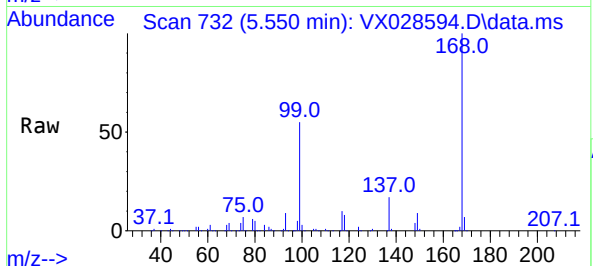




#31
Cyclohexane
Concen: 1.161 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX028594.D
Acq: 10 May 2022 14:49

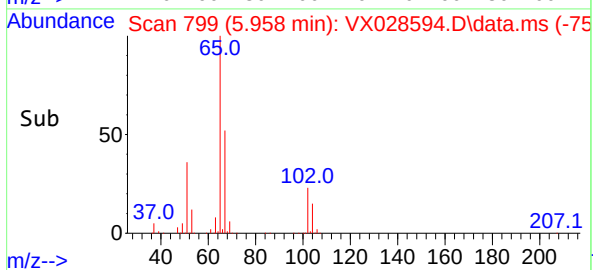
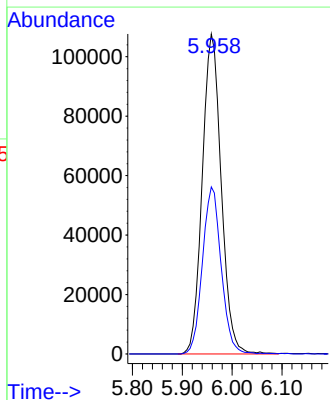
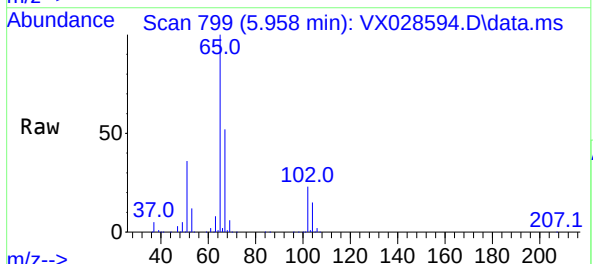
Instrument :
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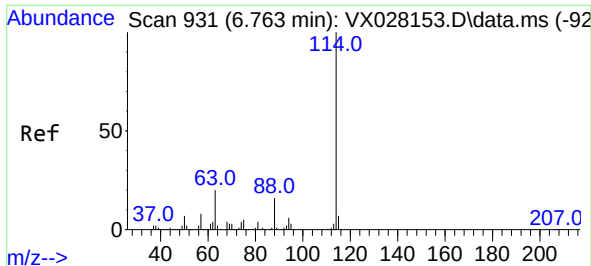
Tgt Ion: 56 Resp: 7623
Ion Ratio Lower Upper
56 100
69 181.9 26.7 40.1#
84 134.5 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 52.765 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028594.D
Acq: 10 May 2022 14:49

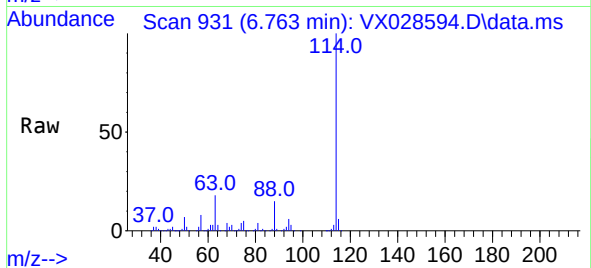
Tgt Ion: 65 Resp: 284370
Ion Ratio Lower Upper
65 100
67 51.4 0.0 107.4



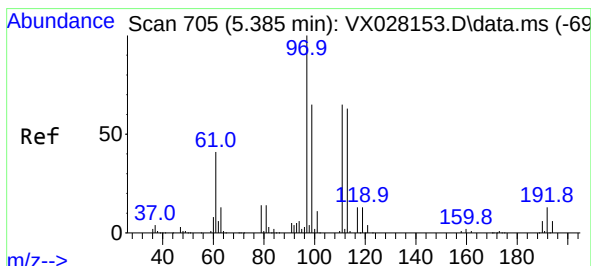
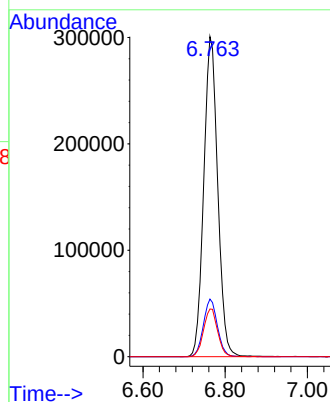
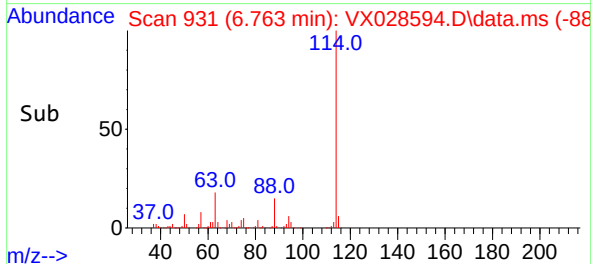


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX028594.D
Acq: 10 May 2022 14:49

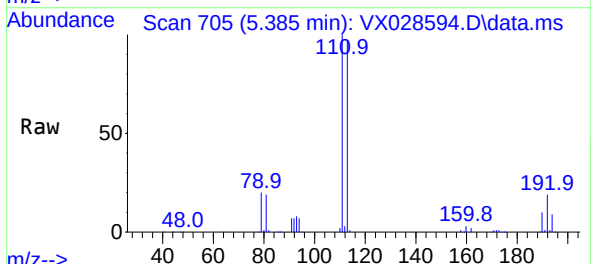
Instrument :
MSVOA_X
ClientSampleId :
PB144702ZHE#07



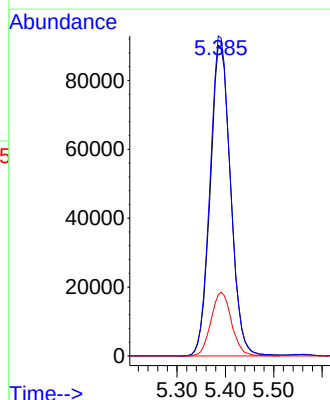
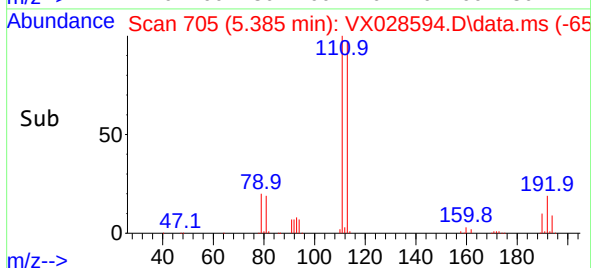
Tgt Ion:114 Resp: 707587
Ion Ratio Lower Upper
114 100
63 18.0 0.0 36.8
88 14.9 0.0 32.4

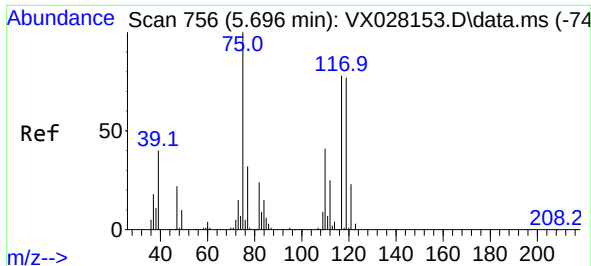


#35
Dibromofluoromethane
Concen: 53.248 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028594.D
Acq: 10 May 2022 14:49



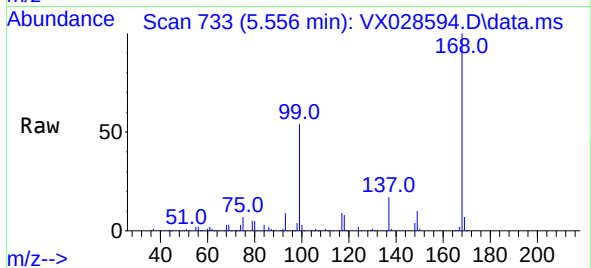
Tgt Ion:113 Resp: 264231
Ion Ratio Lower Upper
113 100
111 102.8 82.8 124.2
192 20.6 16.9 25.3



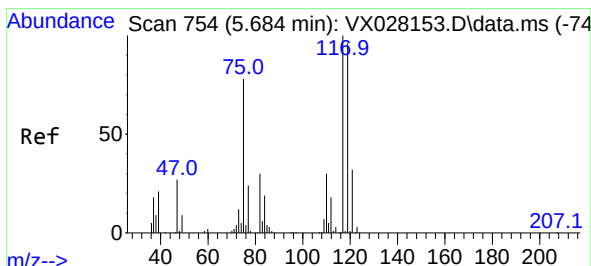
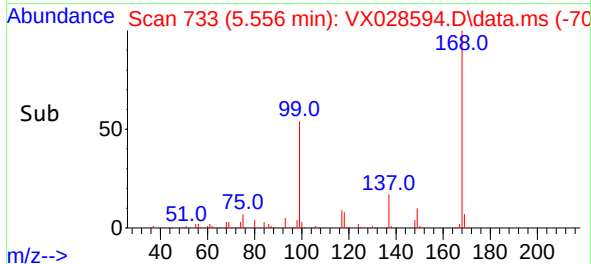
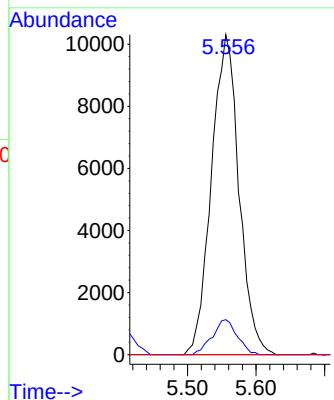


#36
1,1-Dichloropropene
Concen: 4.447 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX028594.D
Acq: 10 May 2022 14:49

Instrument :
MSVOA_X
ClientSampleId :
PB144702ZHE#07

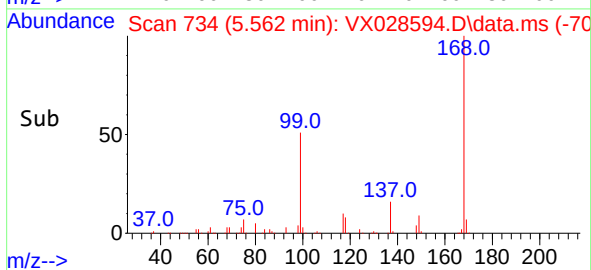
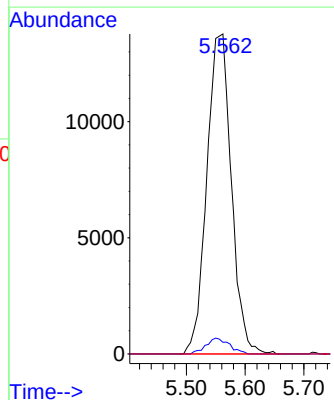
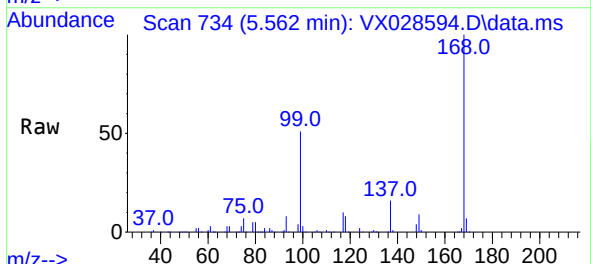


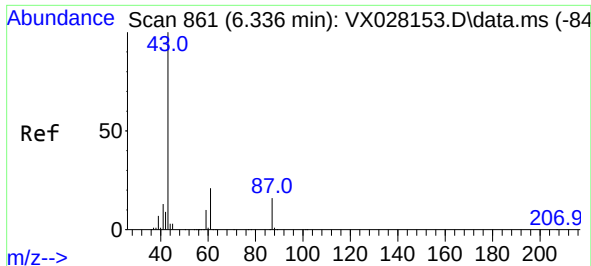
Tgt Ion: 75 Resp: 28782
Ion Ratio Lower Upper
75 100
110 9.9 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.471 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX028594.D
Acq: 10 May 2022 14:49

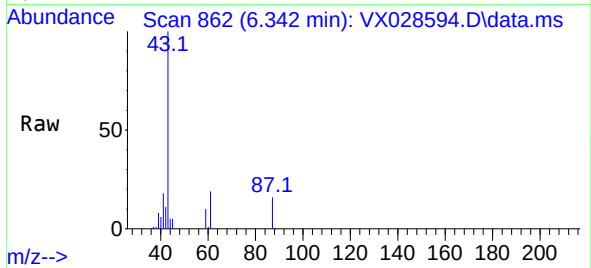
Tgt Ion: 117 Resp: 39979
Ion Ratio Lower Upper
117 100
119 3.7 77.3 115.9#
121 0.0 24.2 36.2#



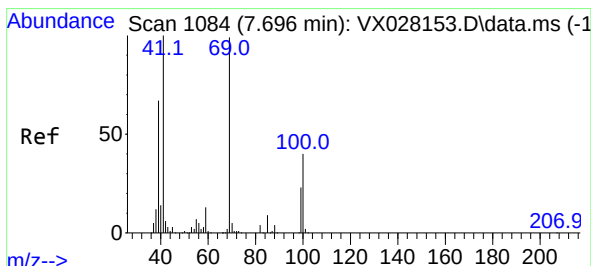
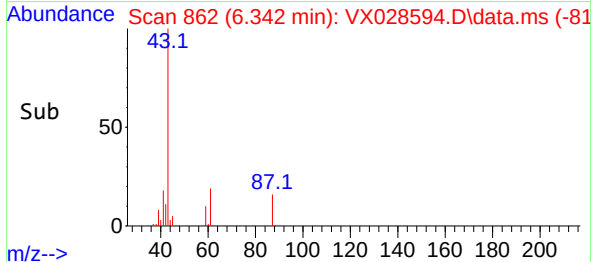
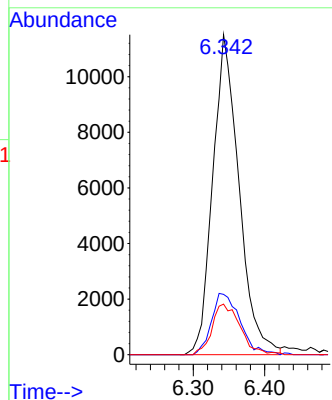


#43
Isopropyl Acetate
Concen: 2.747 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX028594.D
Acq: 10 May 2022 14:49

Instrument :
MSVOA_X
ClientSampleId :
PB144702ZHE#07

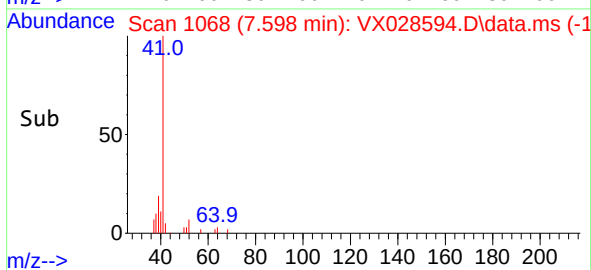
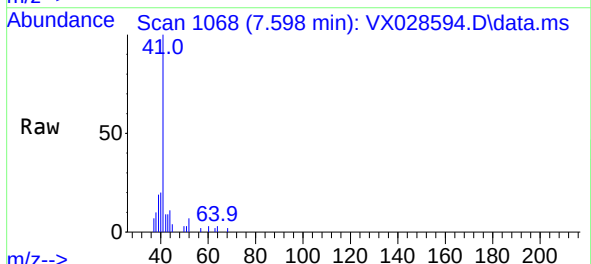
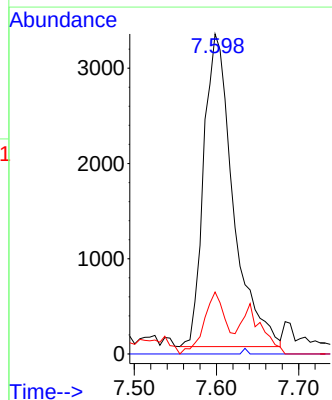


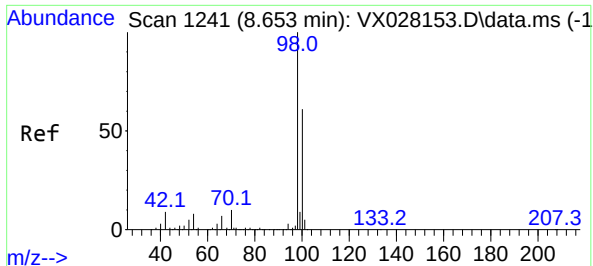
Tgt Ion: 43 Resp: 29366
Ion Ratio Lower Upper
43 100
61 20.8 18.5 27.7
87 17.0 13.0 19.6



#48
Methyl methacrylate
Concen: 1.662 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX028594.D
Acq: 10 May 2022 14:49

Tgt Ion: 41 Resp: 8157
Ion Ratio Lower Upper
41 100
69 0.0 82.5 123.7#
39 0.0 43.8 65.8#

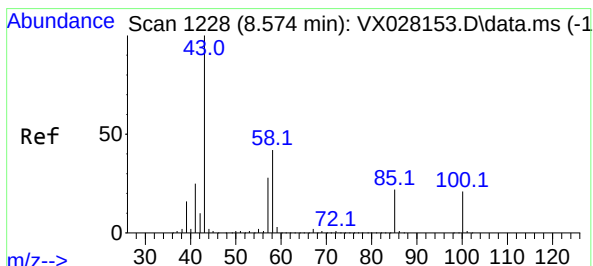
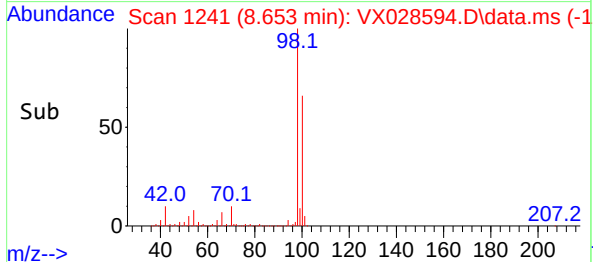
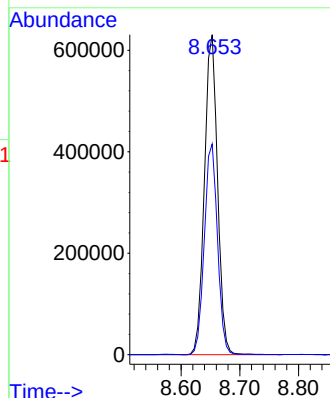
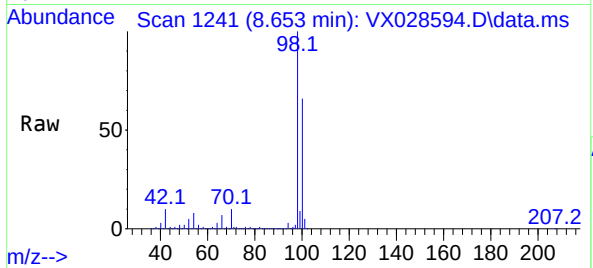




#50
Toluene-d8
Concen: 51.312 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028594.D
Acq: 10 May 2022 14:49

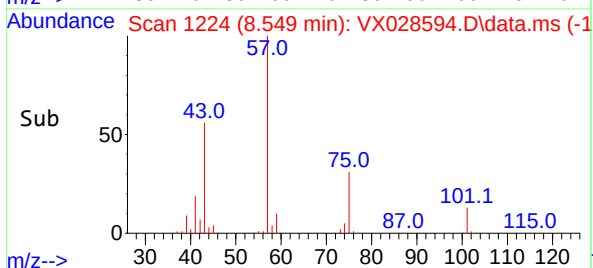
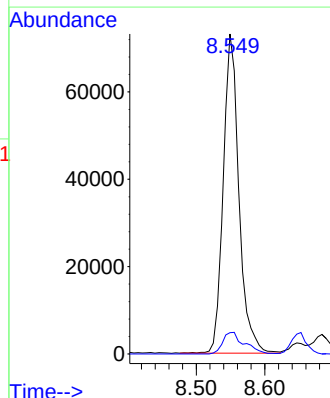
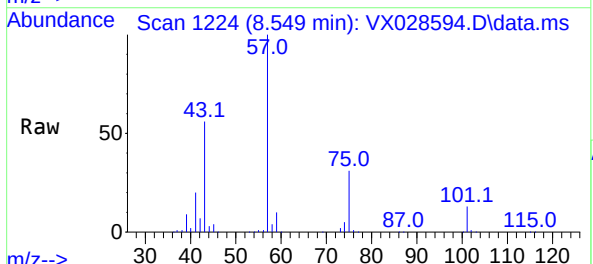
Instrument :
MSVOA_X
ClientSampleId :
PB144702ZHE#07

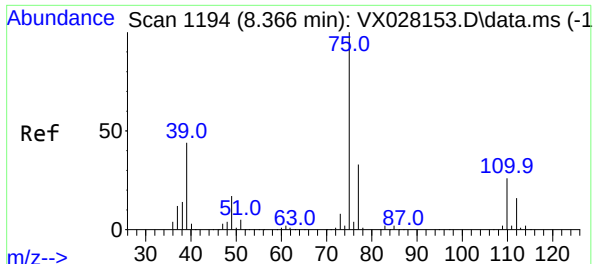
Tgt Ion: 98 Resp: 977953
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 16.902 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.025 min
Lab File: VX028594.D
Acq: 10 May 2022 14:49

Tgt Ion: 43 Resp: 115939
Ion Ratio Lower Upper
43 100
58 9.3 36.1 54.1#

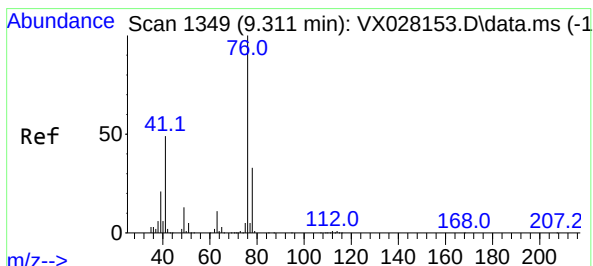
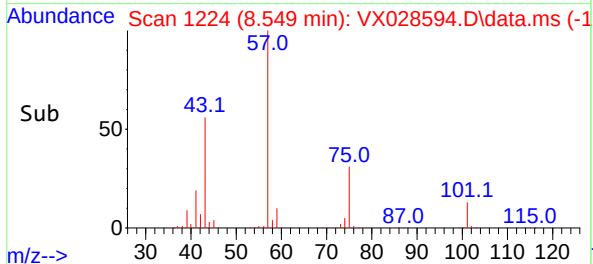
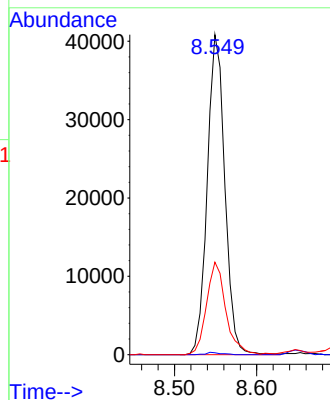
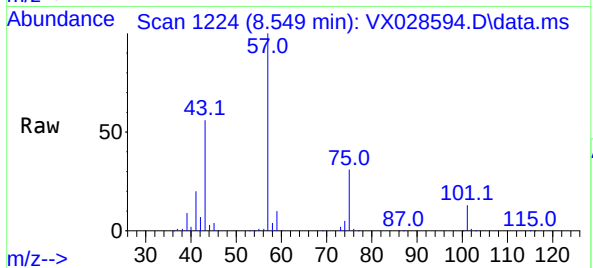




#54
cis-1,3-Dichloropropene
Concen: 7.597 ug/l
RT: 8.549 min Scan# 1194
Delta R.T. 0.183 min
Lab File: VX028594.D
Acq: 10 May 2022 14:49

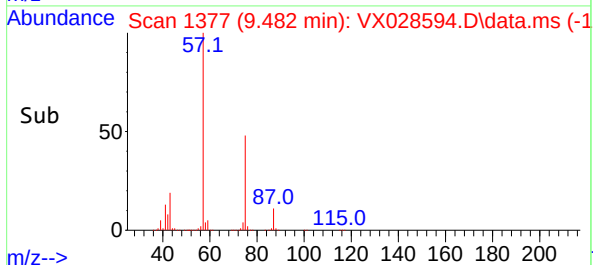
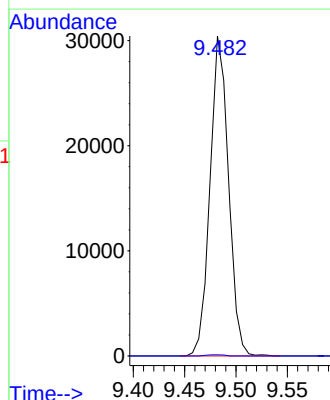
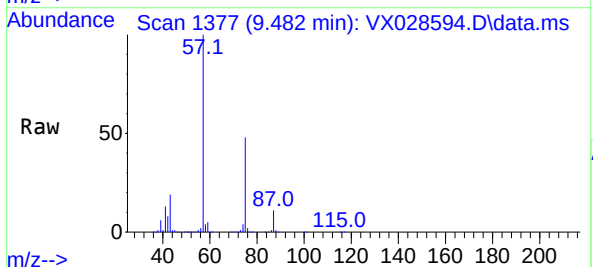
Instrument :
MSVOA_X
ClientSampleId :
PB144702ZHE#07

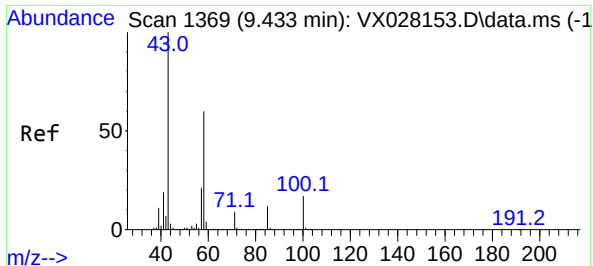
Tgt Ion: 75 Resp: 60623
Ion Ratio Lower Upper
75 100
77 0.6 24.8 37.2#
39 28.9 29.6 44.4#



#57
1,3-Dichloropropane
Concen: 4.424 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX028594.D
Acq: 10 May 2022 14:49

Tgt Ion: 76 Resp: 38194
Ion Ratio Lower Upper
76 100
78 0.3 25.8 38.8#

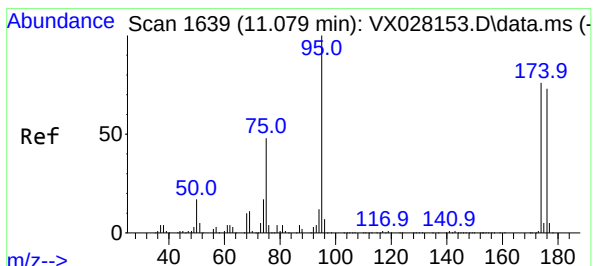
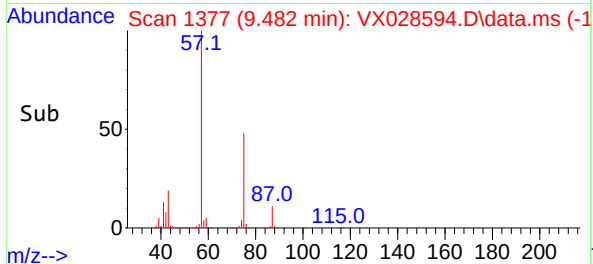
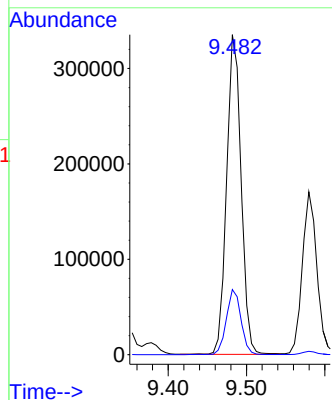
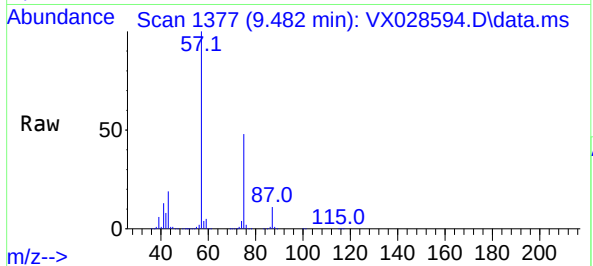




#59
2-Hexanone
Concen: 81.358 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.049 min
Lab File: VX028594.D
Acq: 10 May 2022 14:49

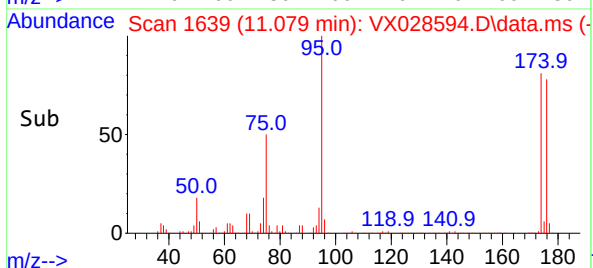
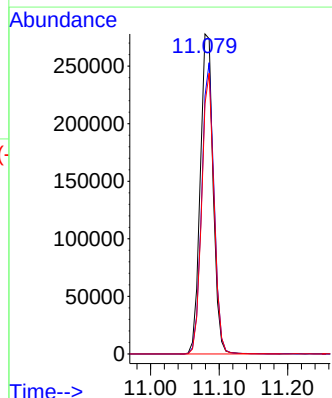
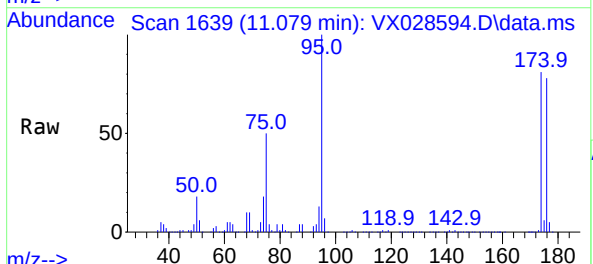
Instrument :
MSVOA_X
ClientSampleId :
PB144702ZHE#07

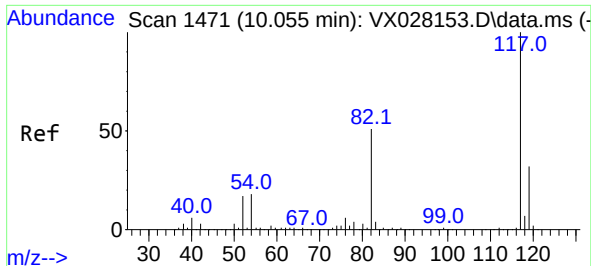
Tgt Ion: 43 Resp: 432291
Ion Ratio Lower Upper
43 100
58 20.4 31.9 95.7#



#62
4-Bromofluorobenzene
Concen: 49.877 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028594.D
Acq: 10 May 2022 14:49

Tgt Ion: 95 Resp: 363470
Ion Ratio Lower Upper
95 100
174 87.2 0.0 163.0
176 84.3 0.0 155.0

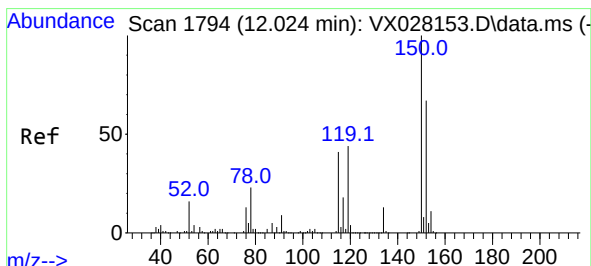
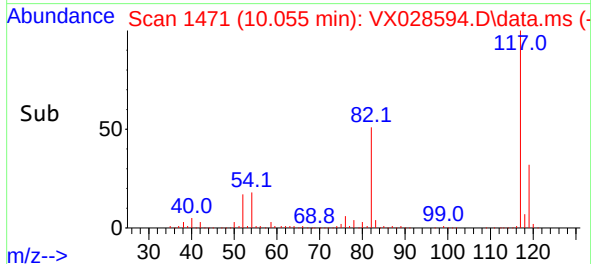
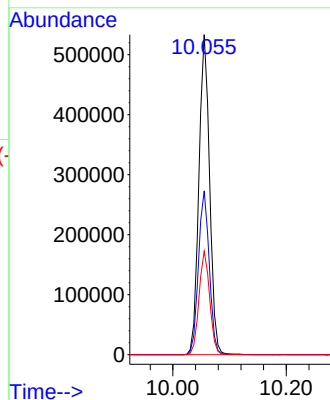
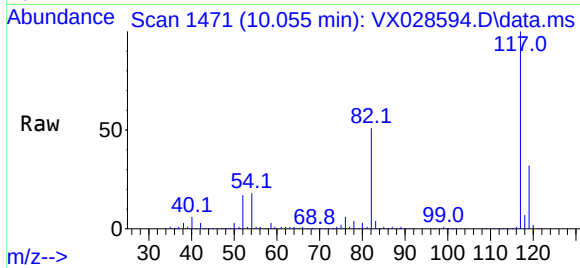




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028594.D
Acq: 10 May 2022 14:49

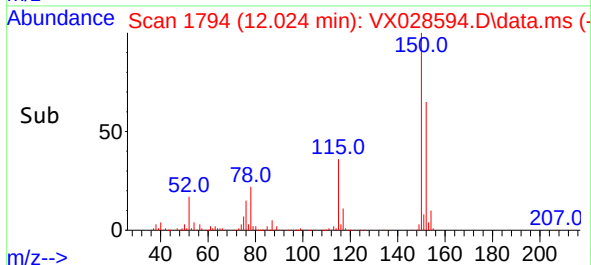
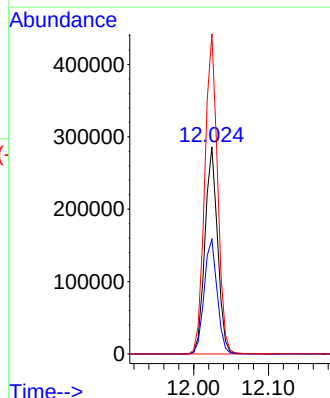
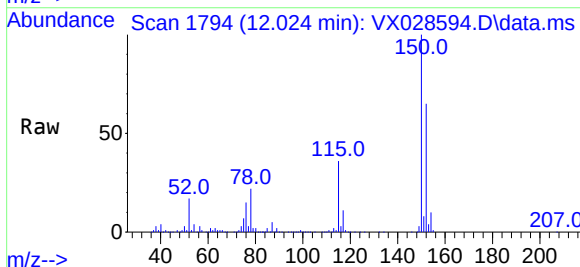
Instrument :
MSVOA_X
ClientSampleId :
PB144702ZHE#07

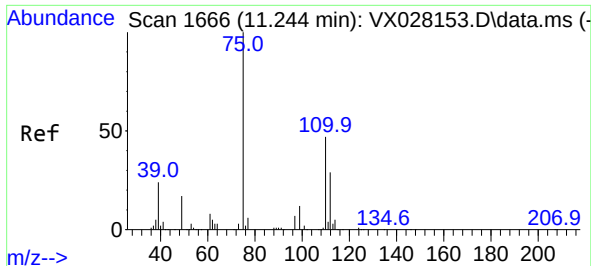
Tgt Ion:117 Resp: 698815
Ion Ratio Lower Upper
117 100
82 51.2 41.8 62.8
119 32.4 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028594.D
Acq: 10 May 2022 14:49

Tgt Ion:152 Resp: 336284
Ion Ratio Lower Upper
152 100
115 56.8 37.5 112.7
150 156.6 0.0 338.2

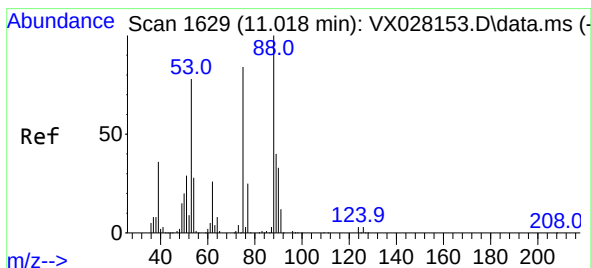
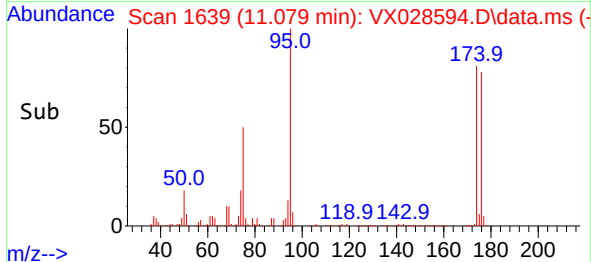
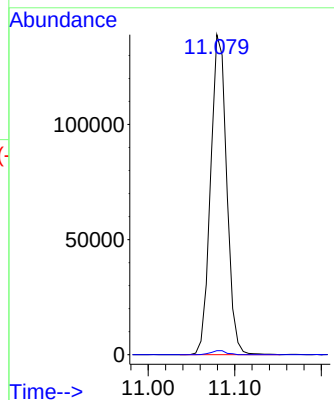
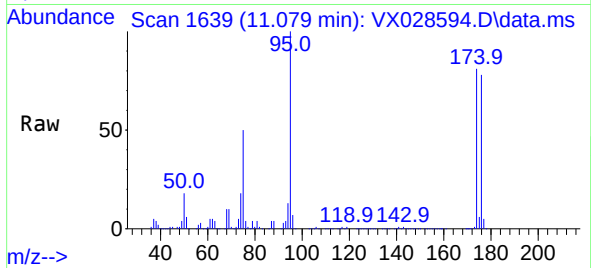




#76
1,2,3-Trichloropropane
Concen: 27.152 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028594.D
Acq: 10 May 2022 14:49

Instrument :
MSVOA_X
ClientSampleId :
PB144702ZHE#07

Tgt Ion: 75 Resp: 179701
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.689 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028594.D
Acq: 10 May 2022 14:49

Tgt Ion: 75 Resp: 179701
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

