

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051022\
 Data File : VX028593.D
 Acq On : 10 May 2022 14:25
 Operator : JC/MD
 Sample : PB144702ZHE#06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB144702ZHE#06

Quant Time: May 11 07:00:08 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)

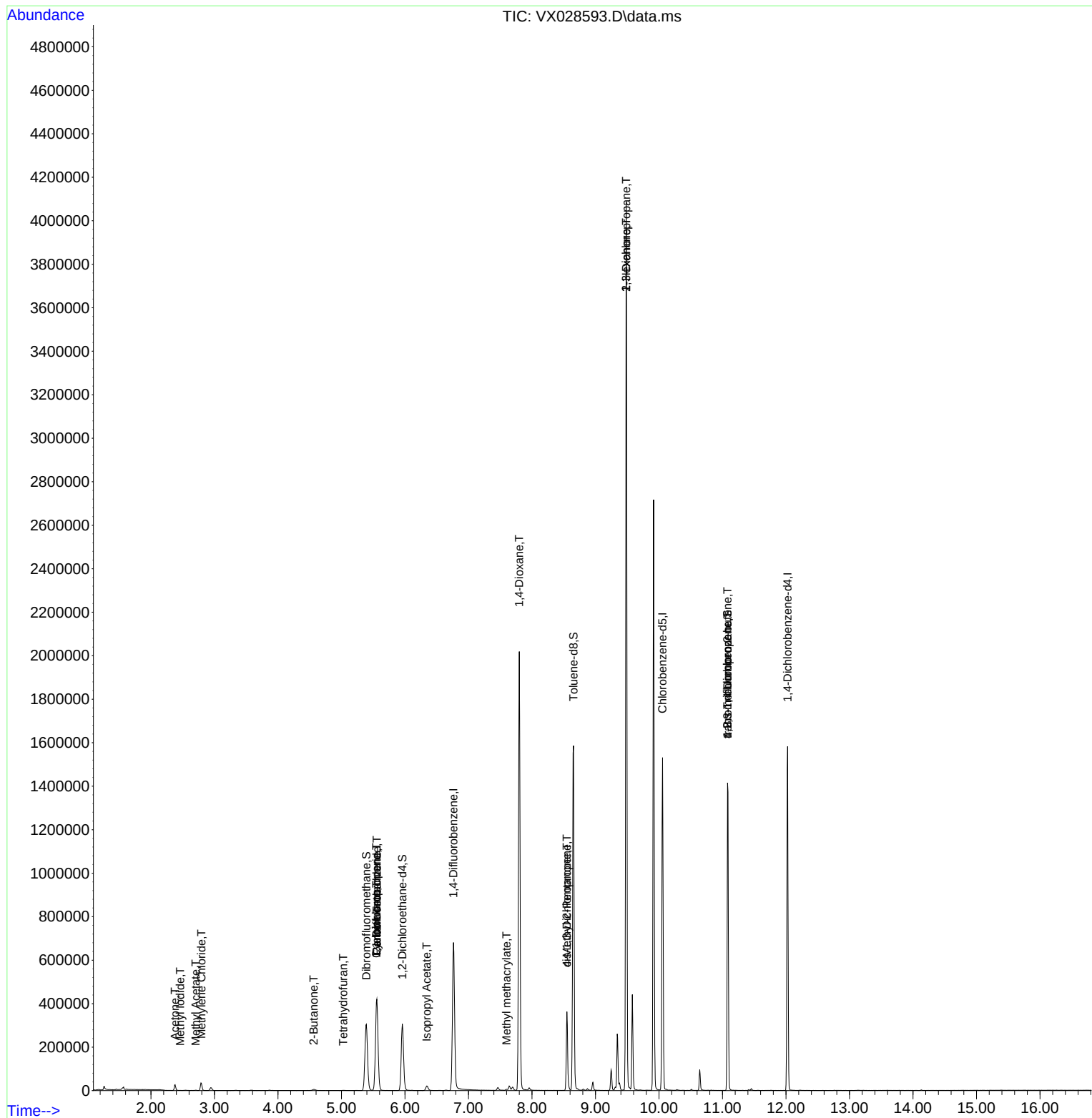
Internal Standards						
1) Pentafluorobenzene	5.556	168	417715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	716454	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	705482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	344892	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	284975	52.322	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.640%			
35) Dibromofluoromethane	5.391	113	263195	52.383	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.760%			
50) Toluene-d8	8.653	98	985033	51.044	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.080%			
62) 4-Bromofluorobenzene	11.079	95	367684	49.830	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.660%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	447	Below Cal	#	84
5) Bromomethane	1.612	94	840	Below Cal	#	80
6) Chloroethane	1.685	64	771	Below Cal	#	52
8) Diethyl Ether	2.136	74	82	Below Cal	#	1
10) Methyl Iodide	2.459	142	377	5.307	ug/l #	79
11) Tert butyl alcohol	2.953	59	7628	Below Cal	#	74
16) Acetone	2.380	43	27793	15.397	ug/l	91
18) Methyl Acetate	2.703	43	2210	0.456	ug/l	98
20) Methylene Chloride	2.794	84	16672	4.126	ug/l	94
25) 2-Butanone	4.562	43	5509	1.708	ug/l #	80
29) Tetrahydrofuran	5.026	42	763	0.363	ug/l #	62
31) Cyclohexane	5.550	56	7439	1.121	ug/l #	4
36) 1,1-Dichloropropene	5.550	75	29136	4.446	ug/l #	50
38) Carbon Tetrachloride	5.556	117	40537	5.479	ug/l #	15
43) Isopropyl Acetate	6.342	43	29602	2.735	ug/l	96
48) Methyl methacrylate	7.598	41	7904	1.591	ug/l #	7
49) 1,4-Dioxane	7.799	88	394	2.964	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	114387	16.470	ug/l #	44
54) cis-1,3-Dichloropropene	8.549	75	60653	7.507	ug/l #	68
57) 1,3-Dichloropropane	9.482	76	38404	4.394	ug/l #	43
59) 2-Hexanone	9.482	43	430189	79.961	ug/l #	45
76) 1,2,3-Trichloropropane	11.079	75	182758	26.925	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	182758	80.014	ug/l #	15

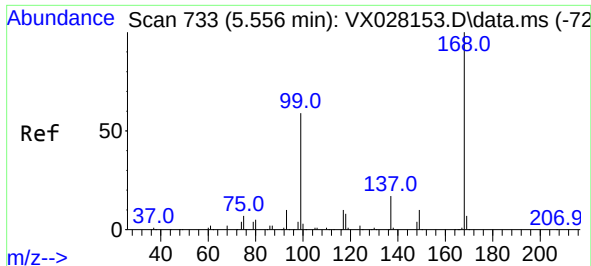
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 19 13:38:04 2022
Response via : Initial Calibration

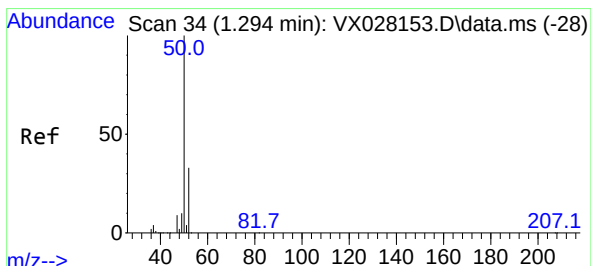
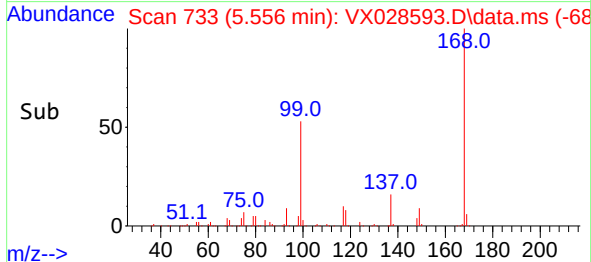
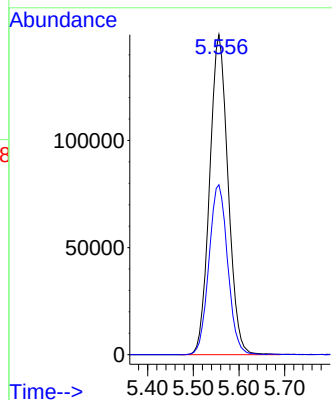
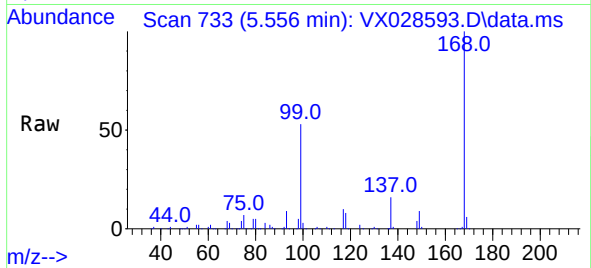




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028593.D
Acq: 10 May 2022 14:25

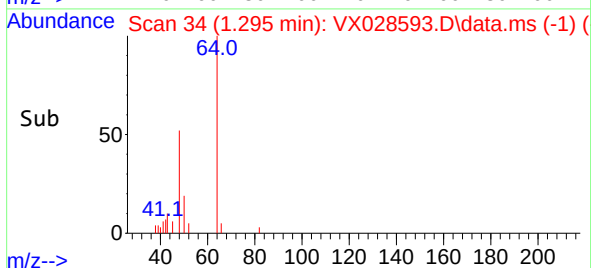
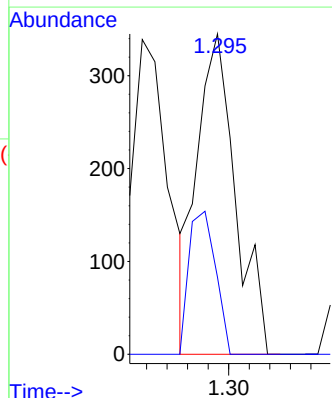
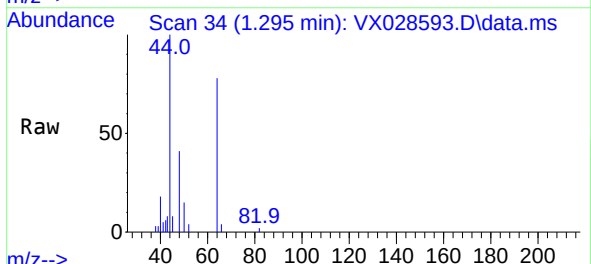
Instrument :
MSVOA_X
ClientSampleId :
PB144702ZHE#06

Tgt Ion:168 Resp: 417715
Ion Ratio Lower Upper
168 100
99 53.1 41.7 62.5

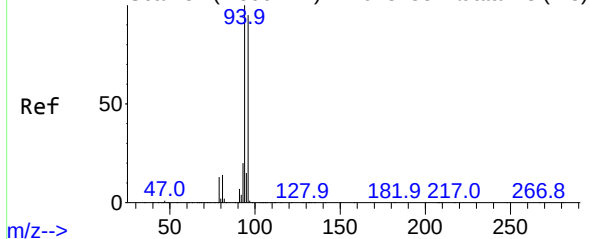


#3
Chloromethane
Concen: Below Cal
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX028593.D
Acq: 10 May 2022 14:25

Tgt Ion: 50 Resp: 447
Ion Ratio Lower Upper
50 100
52 24.1 26.4 39.6#



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



#5

Bromomethane

Concen: Below Cal

RT: 1.612 min Scan# 80

Delta R.T. 0.013 min

Lab File: VX028593.D

Acq: 10 May 2022 14:25

Instrument :

MSVOA_X

ClientSampleId :

PB144702ZHE#06

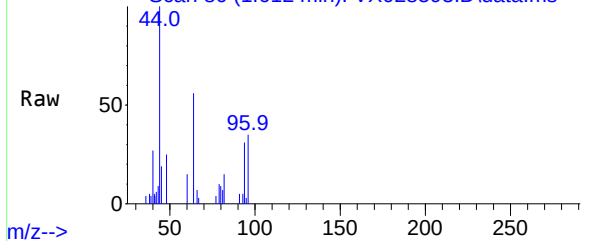
Tgt Ion: 94 Resp: 840

Ion Ratio Lower Upper

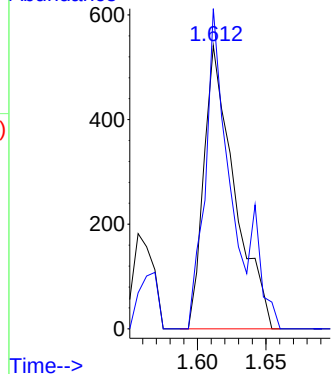
94 100

96 113.1 75.3 112.9#

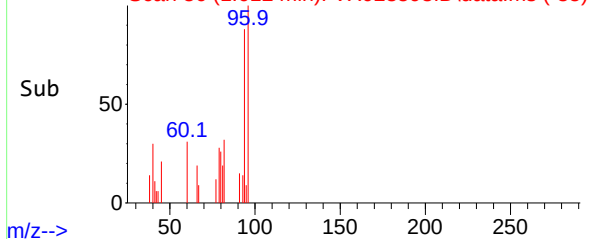
Abundance Scan 86 (1.612 min): VX028593.D\data.ms



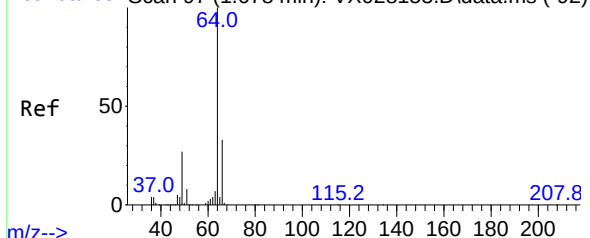
Abundance



Abundance Scan 86 (1.612 min): VX028593.D\data.ms (-35)



Abundance Scan 97 (1.678 min): VX028153.D\data.ms (-92)



#6

Chloroethane

Concen: Below Cal

RT: 1.685 min Scan# 98

Delta R.T. 0.007 min

Lab File: VX028593.D

Acq: 10 May 2022 14:25

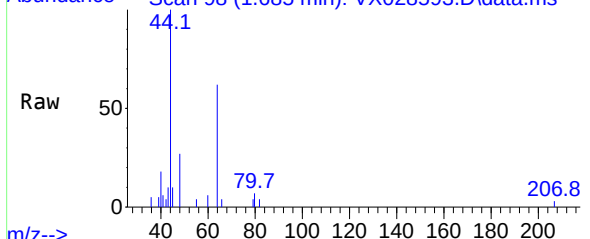
Tgt Ion: 64 Resp: 771

Ion Ratio Lower Upper

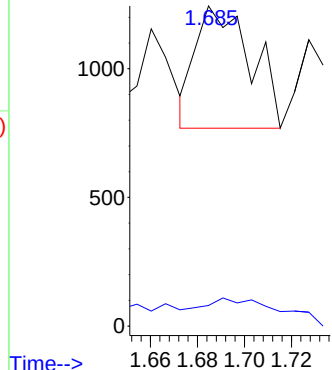
64 100

66 5.1 25.3 37.9#

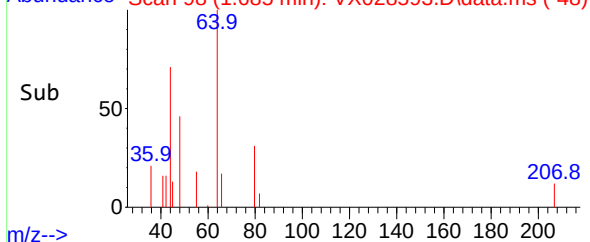
Abundance Scan 98 (1.685 min): VX028593.D\data.ms

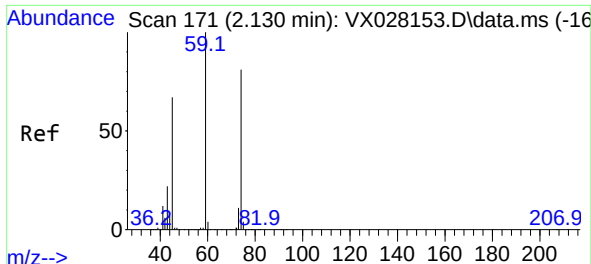


Abundance



Abundance Scan 98 (1.685 min): VX028593.D\data.ms (-48)

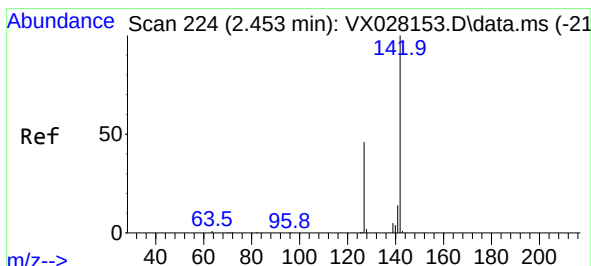
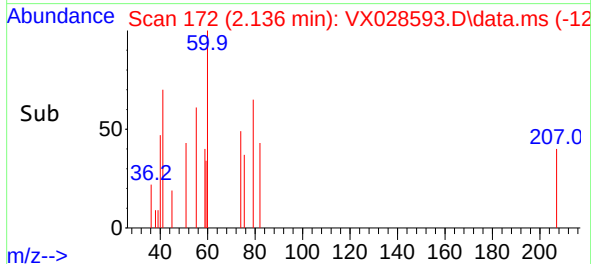
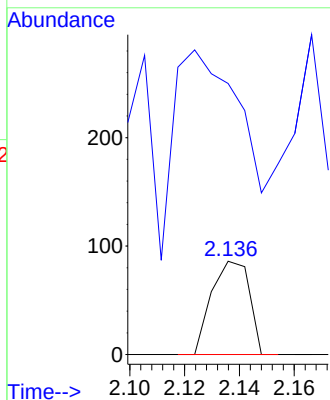
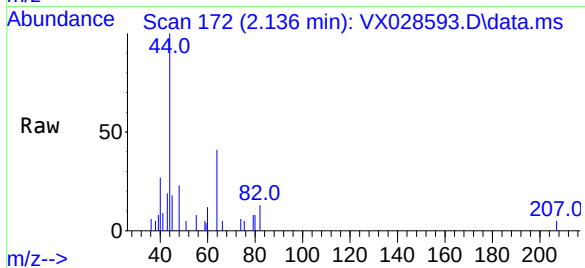




#8
Diethyl Ether
Concen: Below Cal
RT: 2.136 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX028593.D
Acq: 10 May 2022 14:25

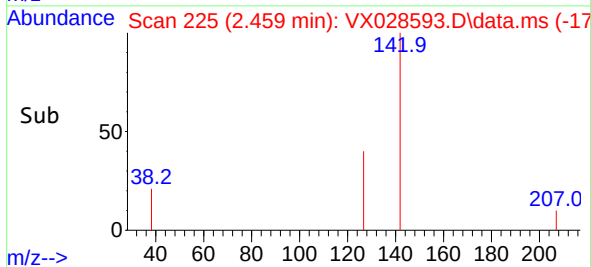
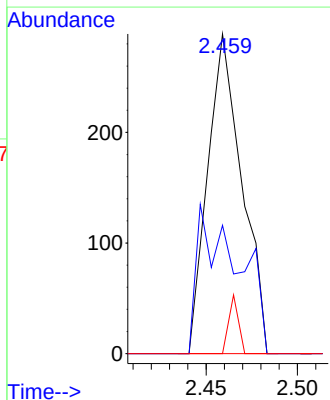
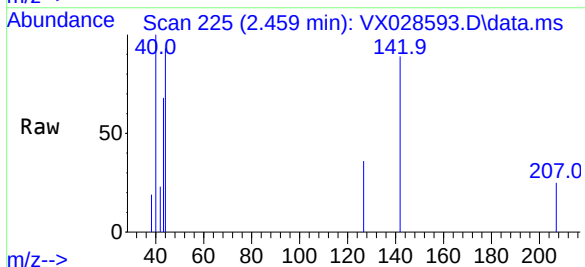
Instrument :
MSVOA_X
ClientSampleId :
PB144702ZHE#06

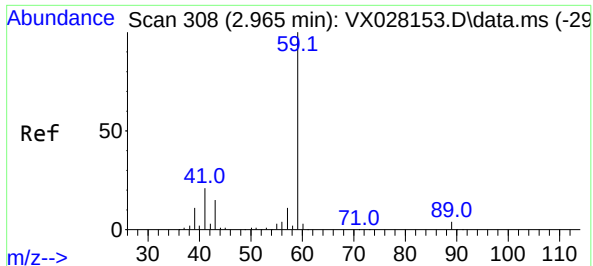
Tgt Ion: 74 Resp: 82
Ion Ratio Lower Upper
74 100
45 426.8 42.0 126.0#



#10
Methyl Iodide
Concen: 5.307 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX028593.D
Acq: 10 May 2022 14:25

Tgt Ion:142 Resp: 377
Ion Ratio Lower Upper
142 100
127 55.2 33.9 50.9#
141 5.0 11.4 17.2#

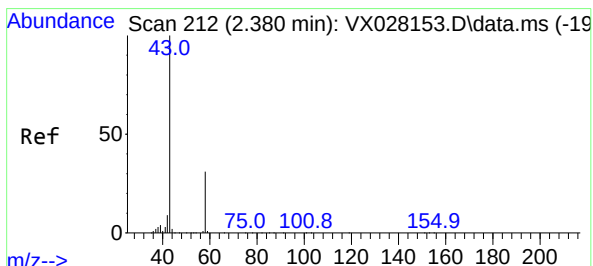
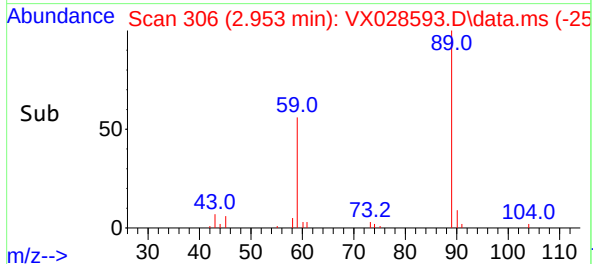
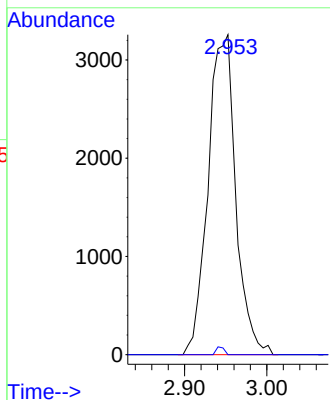
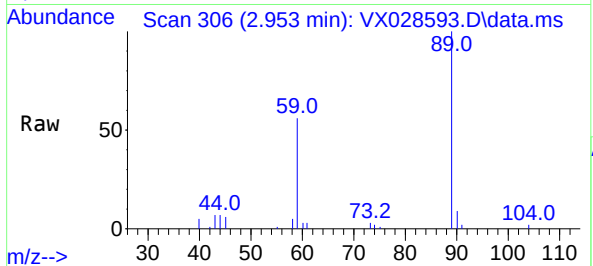




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX028593.D
Acq: 10 May 2022 14:25

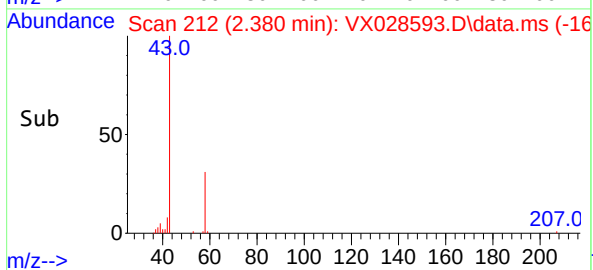
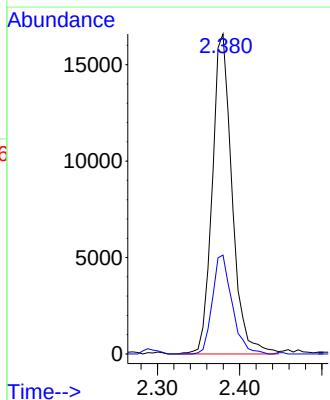
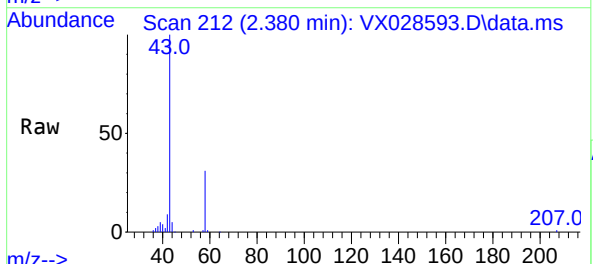
Instrument :
MSVOA_X
ClientSampleId :
PB144702ZHE#06

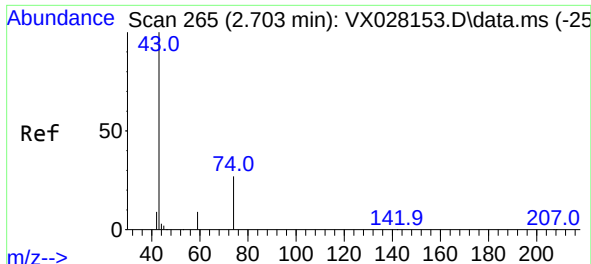
Tgt Ion: 59 Resp: 7628
Ion Ratio Lower Upper
59 100
57 0.7 8.3 12.5#



#16
Acetone
Concen: 15.397 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028593.D
Acq: 10 May 2022 14:25

Tgt Ion: 43 Resp: 27793
Ion Ratio Lower Upper
43 100
58 30.9 28.8 43.2

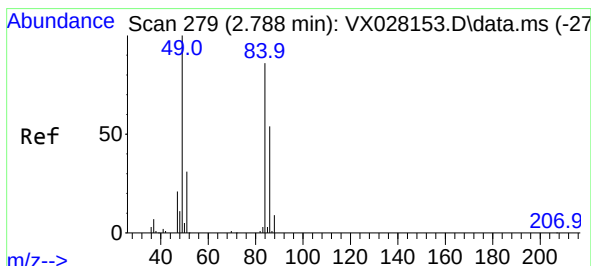
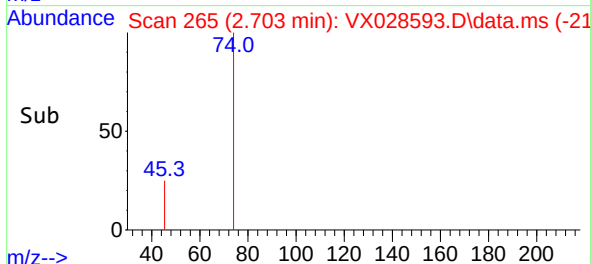
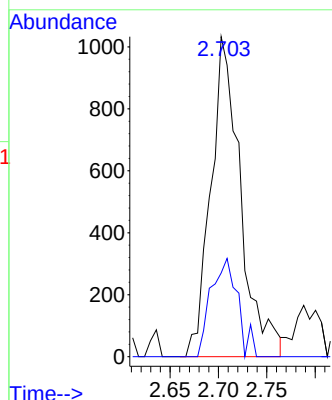
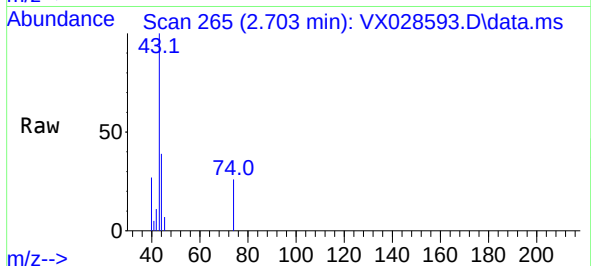




#18
Methyl Acetate
Concen: 0.456 ug/l
RT: 2.703 min Scan# 210
Delta R.T. -0.000 min
Lab File: VX028593.D
Acq: 10 May 2022 14:25

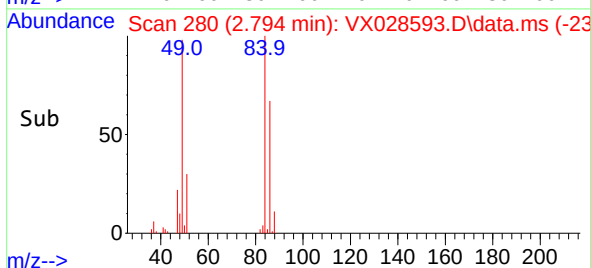
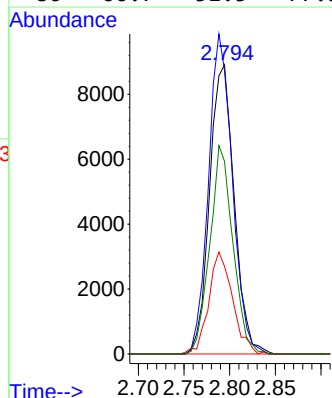
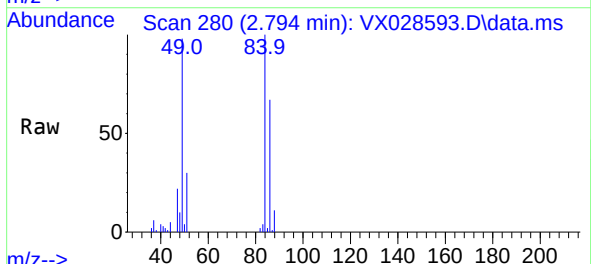
Instrument :
MSVOA_X
ClientSampleId :
PB144702ZHE#06

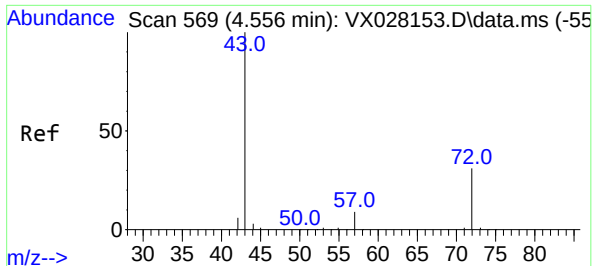
Tgt Ion: 43 Resp: 2210
Ion Ratio Lower Upper
43 100
74 27.5 22.8 34.2



#20
Methylene Chloride
Concen: 4.126 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX028593.D
Acq: 10 May 2022 14:25

Tgt Ion: 84 Resp: 16672
Ion Ratio Lower Upper
84 100
49 98.1 85.5 128.3
51 30.3 26.6 39.8
86 66.7 51.5 77.3

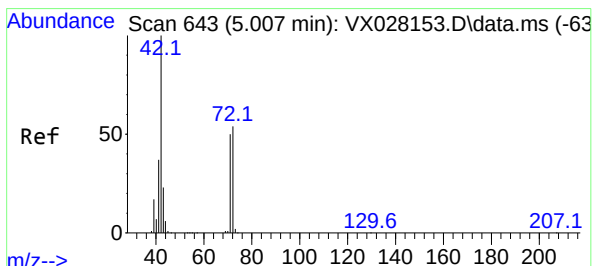
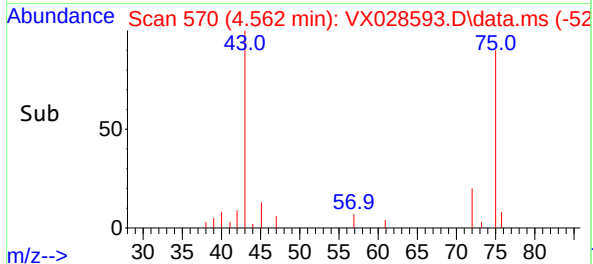
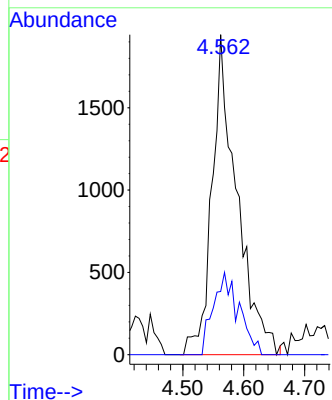
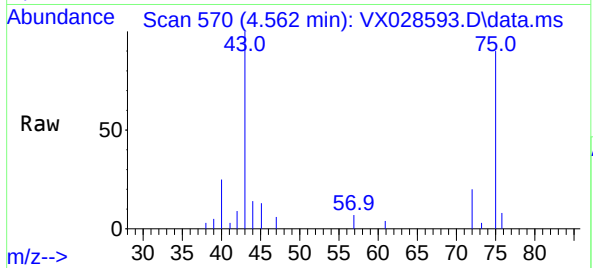




#25
2-Butanone
Concen: 1.708 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX028593.D
Acq: 10 May 2022 14:25

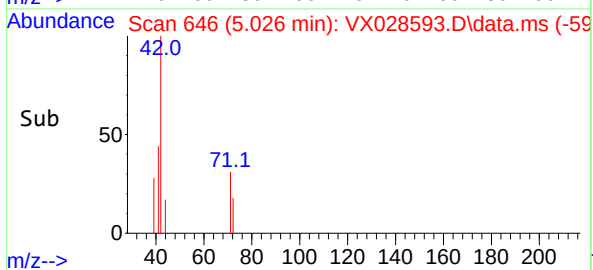
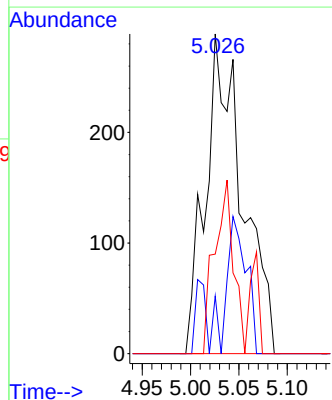
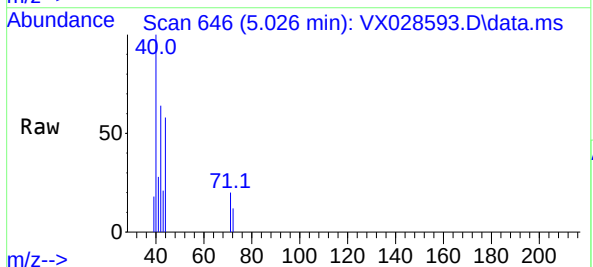
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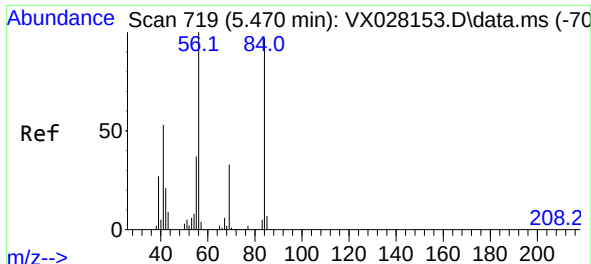
Tgt Ion: 43 Resp: 5509
Ion Ratio Lower Upper
43 100
72 19.8 24.4 36.6#



#29
Tetrahydrofuran
Concen: 0.363 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.019 min
Lab File: VX028593.D
Acq: 10 May 2022 14:25

Tgt Ion: 42 Resp: 763
Ion Ratio Lower Upper
42 100
72 24.0 44.1 66.1#
71 28.0 40.5 60.7#

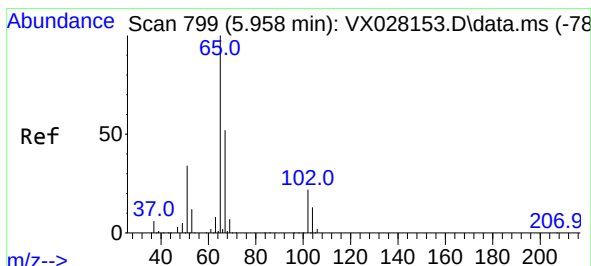
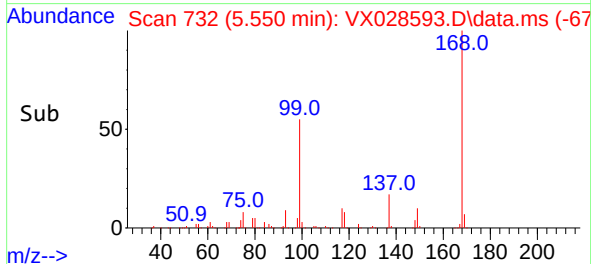
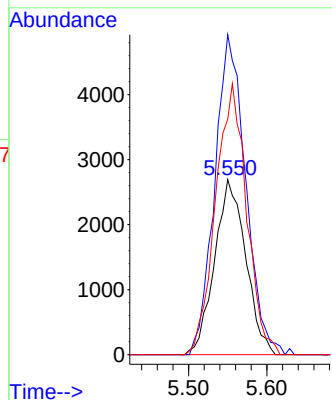
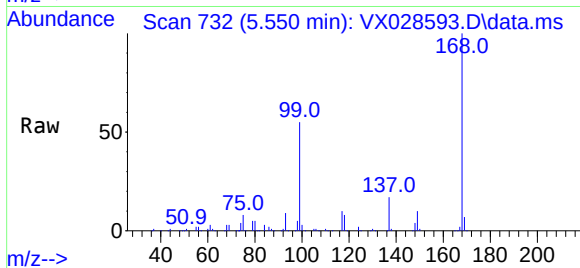




#31
Cyclohexane
Concen: 1.121 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX028593.D
Acq: 10 May 2022 14:25

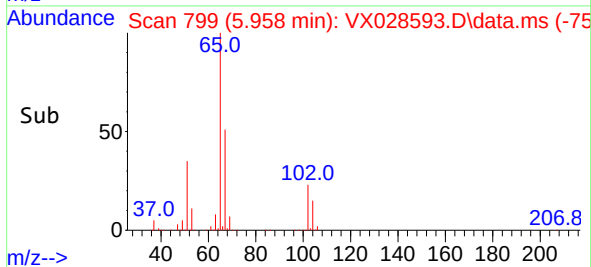
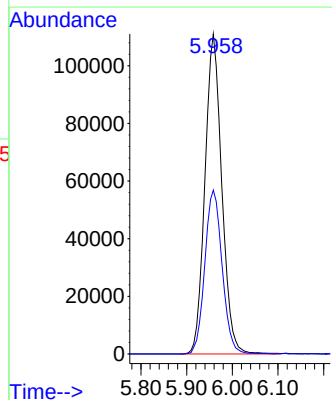
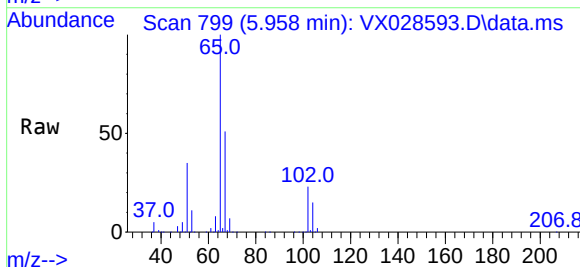
Instrument :
MSVOA_X
ClientSampleId :
PB144702ZHE#06

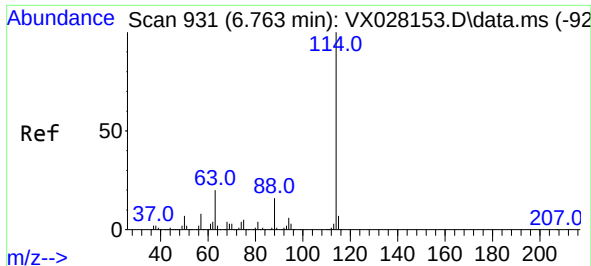
Tgt Ion: 56 Resp: 7439
Ion Ratio Lower Upper
56 100
69 182.8 26.7 40.1#
84 134.5 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 52.322 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028593.D
Acq: 10 May 2022 14:25

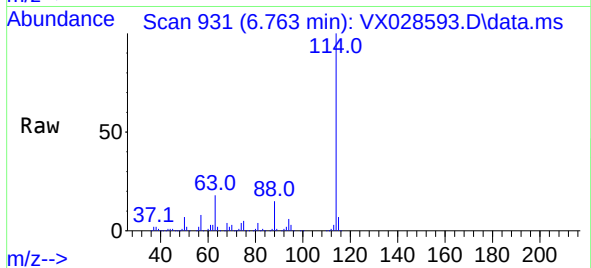
Tgt Ion: 65 Resp: 284975
Ion Ratio Lower Upper
65 100
67 52.5 0.0 107.4



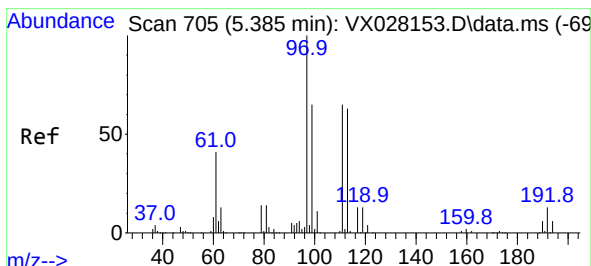
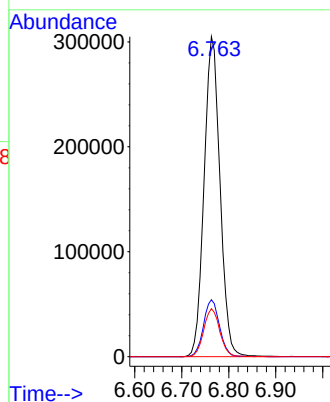
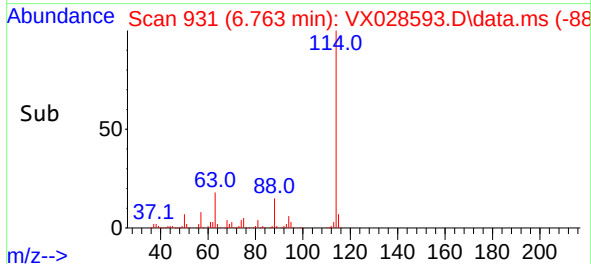


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028593.D
Acq: 10 May 2022 14:25

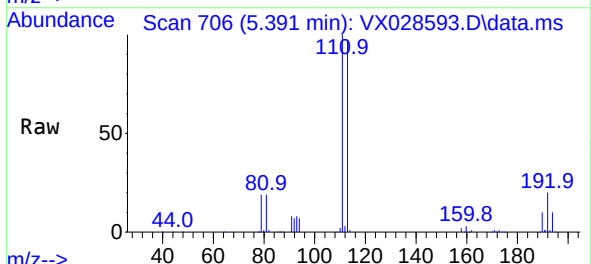
Instrument :
MSVOA_X
ClientSampleId :
PB144702ZHE#06



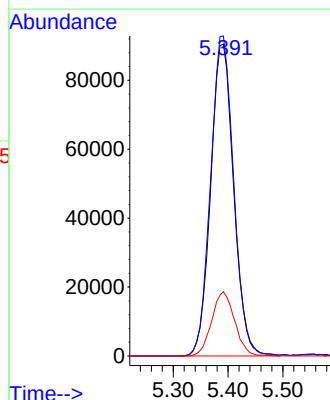
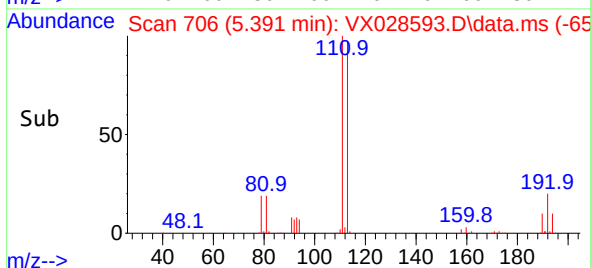
Tgt Ion:114 Resp: 716454
Ion Ratio Lower Upper
114 100
63 17.8 0.0 36.8
88 15.0 0.0 32.4

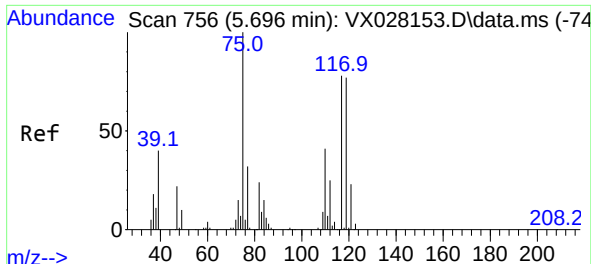


#35
Dibromofluoromethane
Concen: 52.383 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028593.D
Acq: 10 May 2022 14:25



Tgt Ion:113 Resp: 263195
Ion Ratio Lower Upper
113 100
111 103.5 82.8 124.2
192 20.6 16.9 25.3

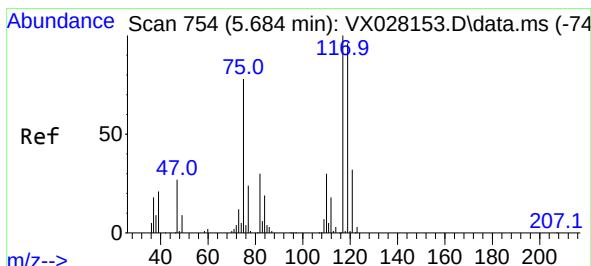
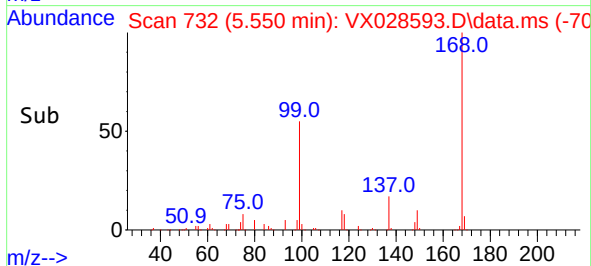
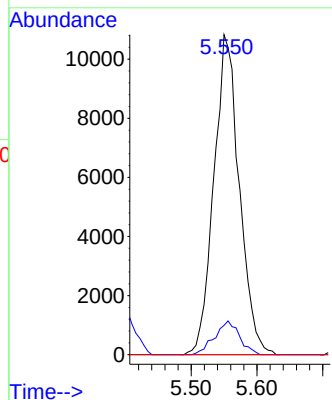
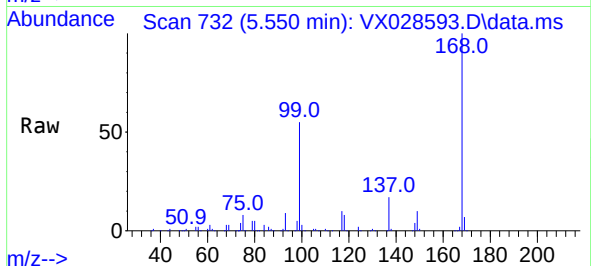




#36
1,1-Dichloropropene
Concen: 4.446 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX028593.D
Acq: 10 May 2022 14:25

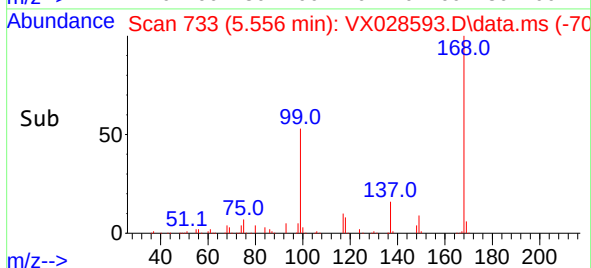
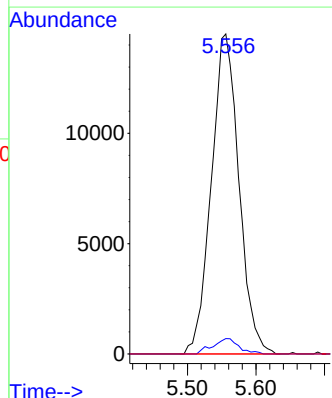
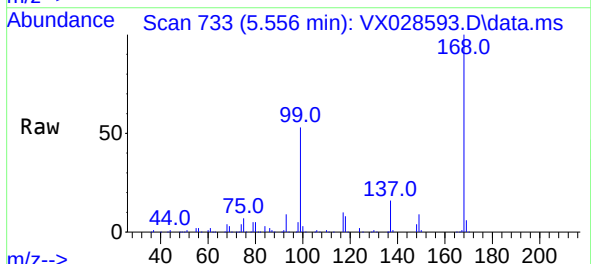
Instrument :
MSVOA_X
ClientSampleId :
PB144702ZHE#06

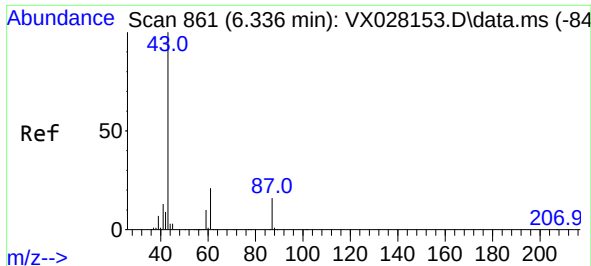
Tgt Ion: 75 Resp: 29136
Ion Ratio Lower Upper
75 100
110 10.3 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.479 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX028593.D
Acq: 10 May 2022 14:25

Tgt Ion: 117 Resp: 40537
Ion Ratio Lower Upper
117 100
119 4.8 77.3 115.9#
121 0.0 24.2 36.2#





#43

Isopropyl Acetate

Concen: 2.735 ug/l

RT: 6.342 min Scan# 8

Delta R.T. 0.006 min

Lab File: VX028593.D

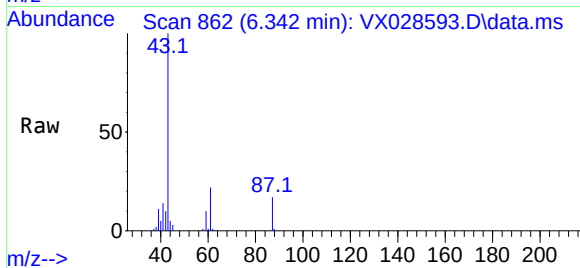
Acq: 10 May 2022 14:25

Instrument :

MSVOA_X

ClientSampleId :

PB144702ZHE#06



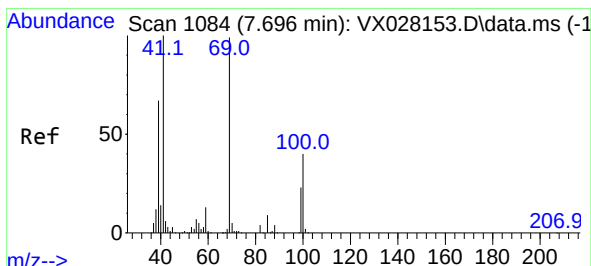
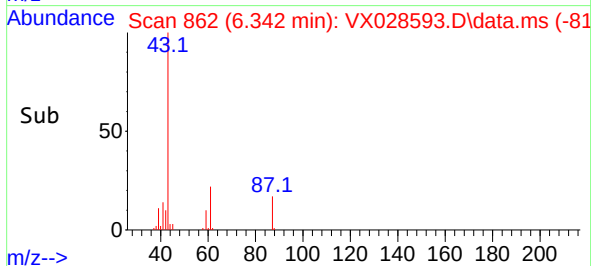
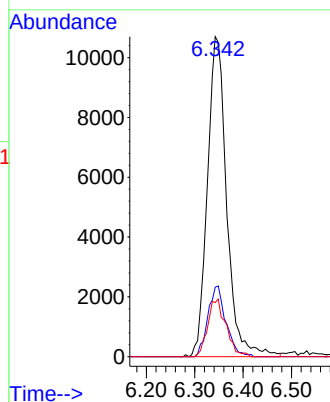
Tgt Ion: 43 Resp: 29602

Ion Ratio Lower Upper

43 100

61 20.6 18.5 27.7

87 17.1 13.0 19.6



#48

Methyl methacrylate

Concen: 1.591 ug/l

RT: 7.598 min Scan# 1068

Delta R.T. -0.098 min

Lab File: VX028593.D

Acq: 10 May 2022 14:25

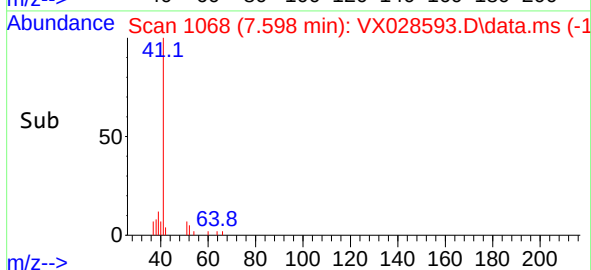
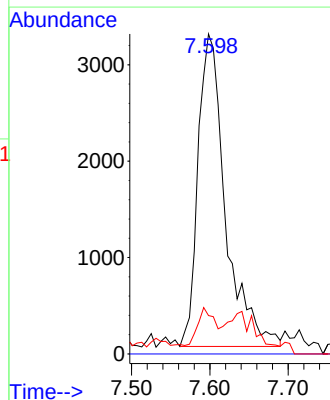
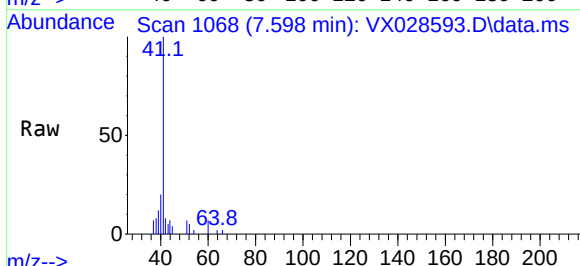
Tgt Ion: 41 Resp: 7904

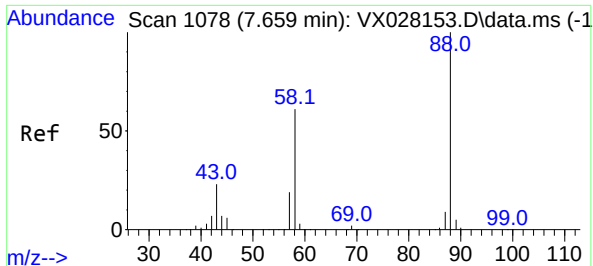
Ion Ratio Lower Upper

41 100

69 0.0 82.5 123.7#

39 0.0 43.8 65.8#





#49

1,4-Dioxane

Concen: 2.964 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.140 min

Lab File: VX028593.D

Acq: 10 May 2022 14:25

Instrument :

MSVOA_X

ClientSampleId :

PB144702ZHE#06

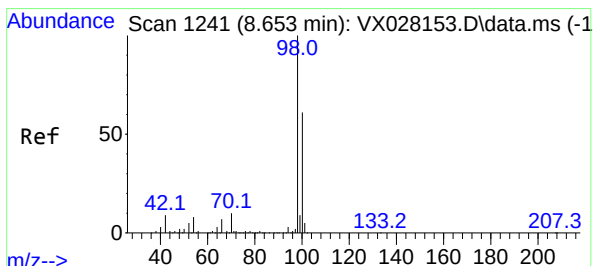
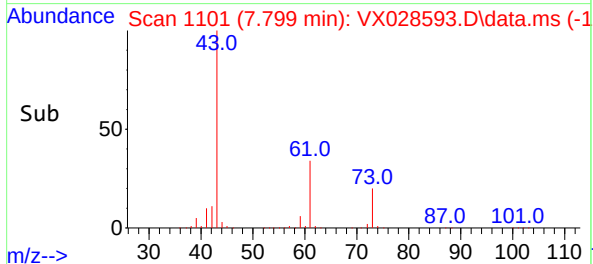
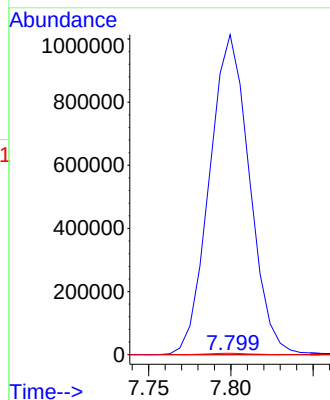
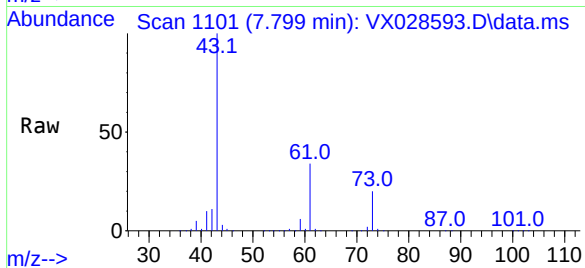
Tgt Ion: 88 Resp: 394

Ion Ratio Lower Upper

88 100

43 437992.9 21.9 32.9#

58 1992.4 53.7 80.5#



#50

Toluene-d8

Concen: 51.044 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX028593.D

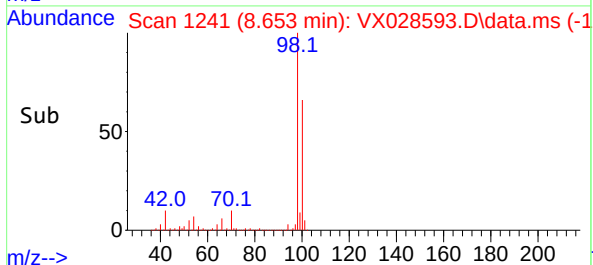
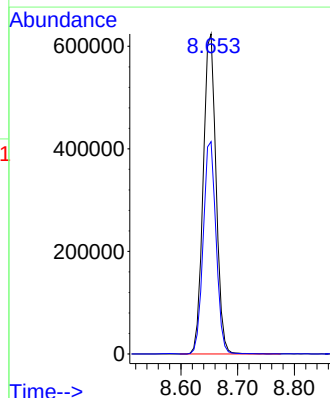
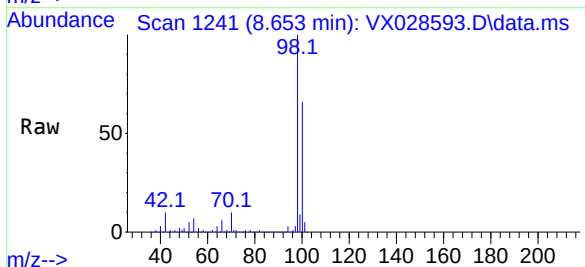
Acq: 10 May 2022 14:25

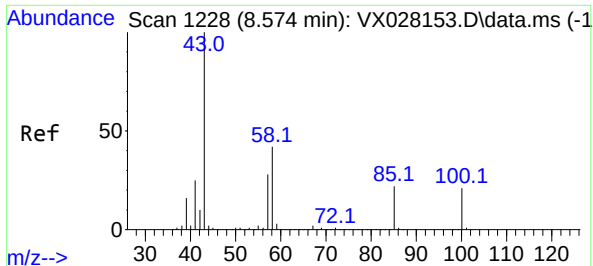
Tgt Ion: 98 Resp: 985033

Ion Ratio Lower Upper

98 100

100 66.3 52.6 78.8

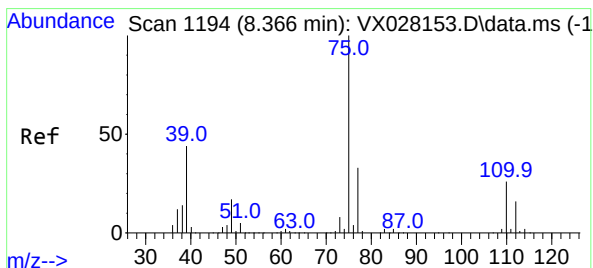
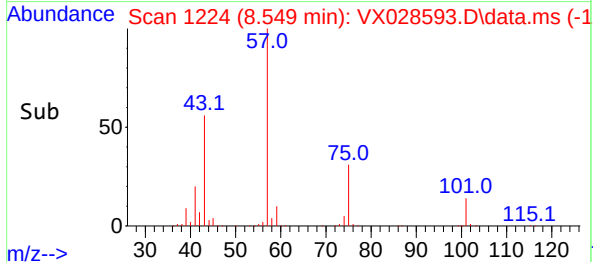
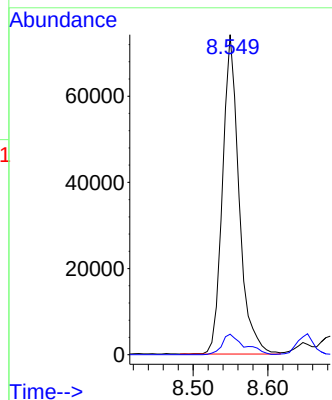
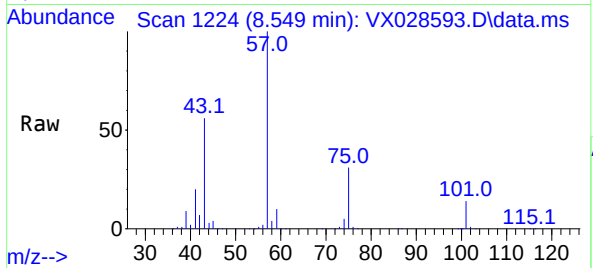




#51
4-Methyl-2-Pentanone
Concen: 16.470 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX028593.D
Acq: 10 May 2022 14:25

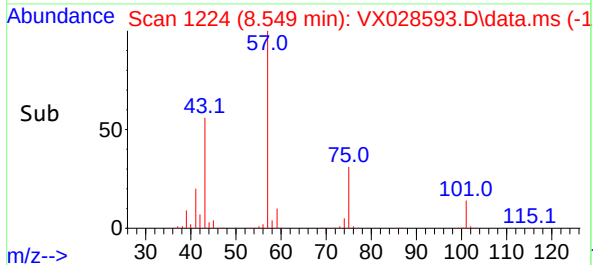
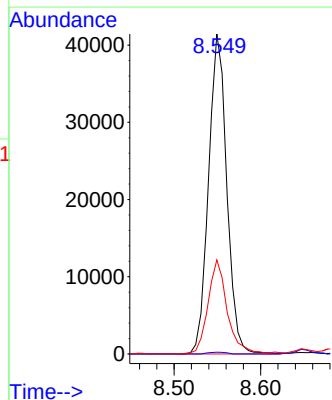
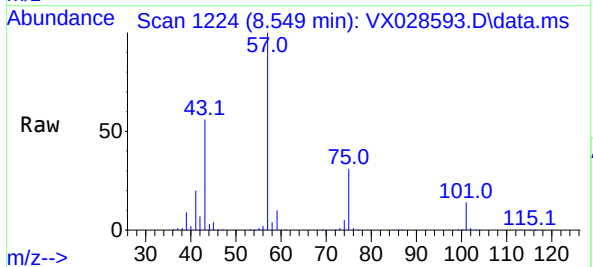
Instrument :
MSVOA_X
ClientSampleId :
PB144702ZHE#06

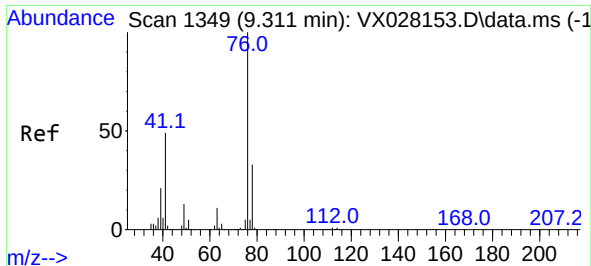
Tgt Ion: 43 Resp: 114387
Ion Ratio Lower Upper
43 100
58 8.7 36.1 54.1#



#54
cis-1,3-Dichloropropene
Concen: 7.507 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX028593.D
Acq: 10 May 2022 14:25

Tgt Ion: 75 Resp: 60653
Ion Ratio Lower Upper
75 100
77 0.5 24.8 37.2#
39 29.4 29.6 44.4#

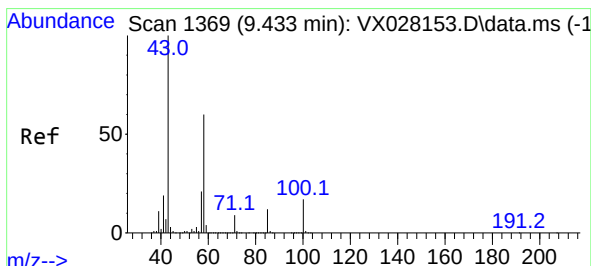
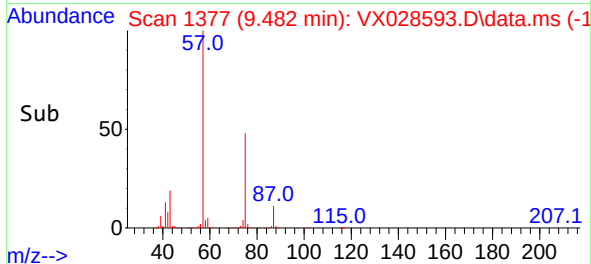
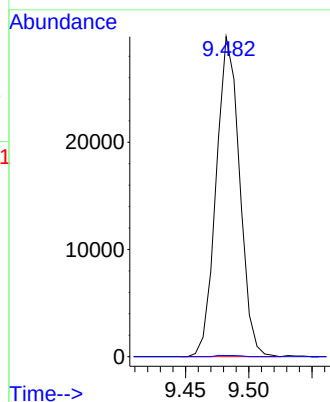
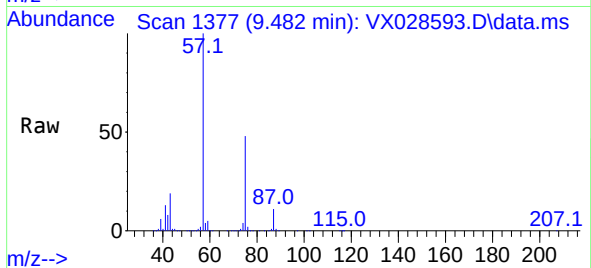




#57
1,3-Dichloropropane
Concen: 4.394 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX028593.D
Acq: 10 May 2022 14:25

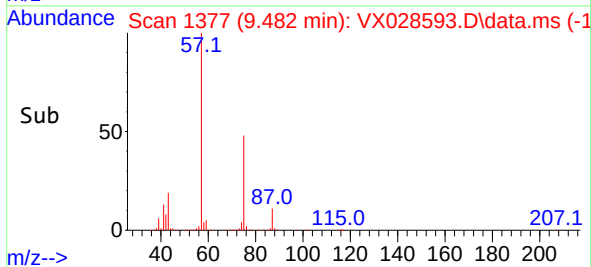
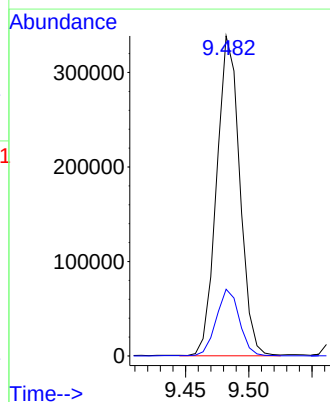
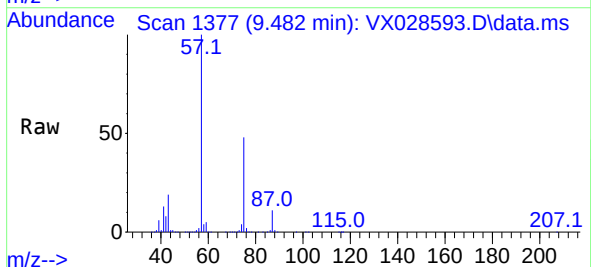
Instrument :
MSVOA_X
ClientSampleId :
PB144702ZHE#06

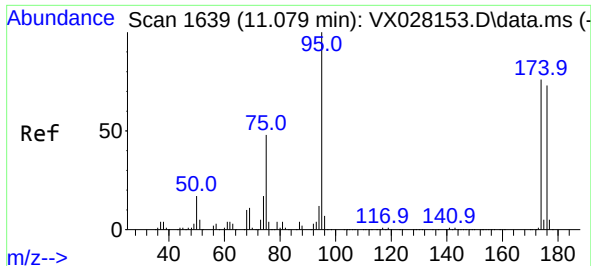
Tgt Ion: 76 Resp: 38404
Ion Ratio Lower Upper
76 100
78 0.4 25.8 38.8#



#59
2-Hexanone
Concen: 79.961 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX028593.D
Acq: 10 May 2022 14:25

Tgt Ion: 43 Resp: 430189
Ion Ratio Lower Upper
43 100
58 21.1 31.9 95.7#

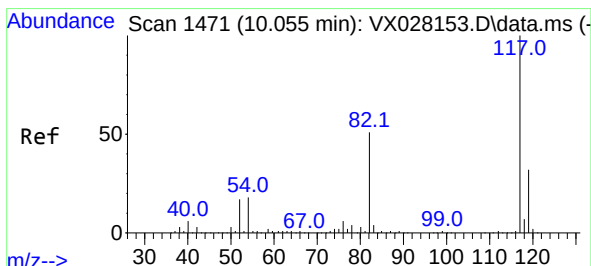
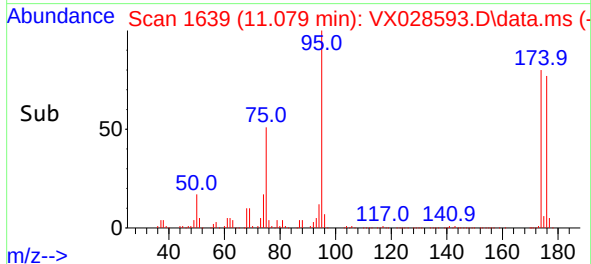
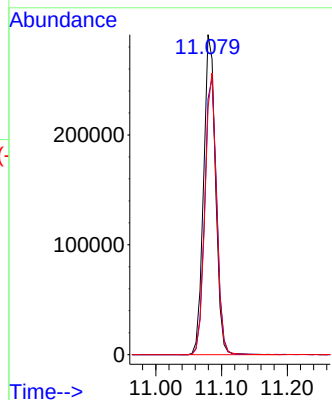
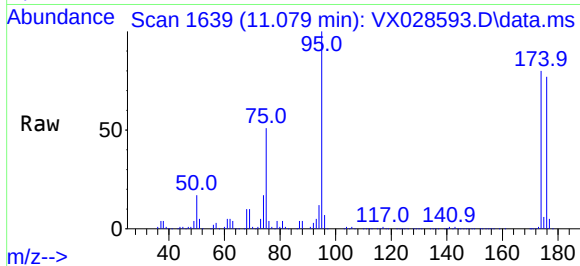




#62
4-Bromofluorobenzene
Concen: 49.830 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028593.D
Acq: 10 May 2022 14:25

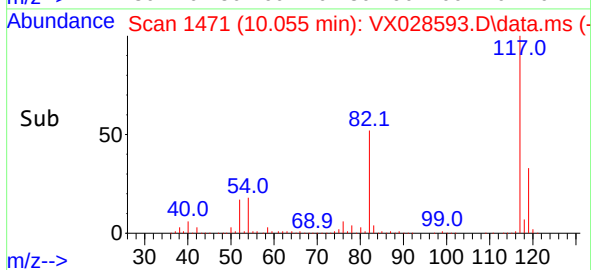
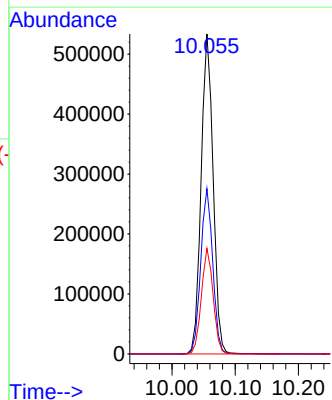
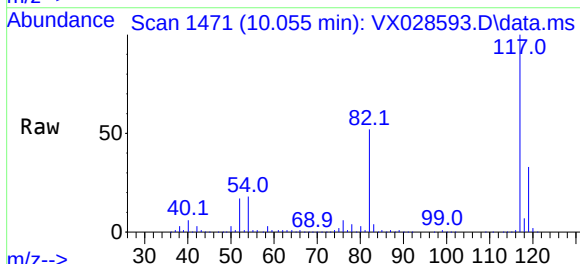
Instrument :
MSVOA_X
ClientSampleId :
PB144702ZHE#06

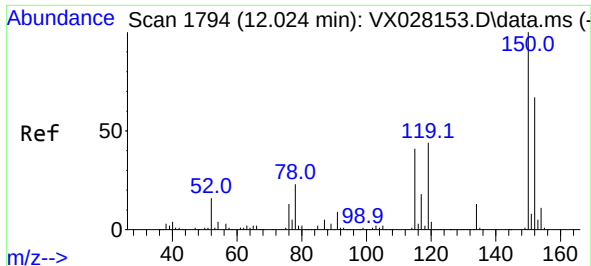
Tgt Ion: 95 Resp: 367684
Ion Ratio Lower Upper
95 100
174 87.3 0.0 163.0
176 85.5 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028593.D
Acq: 10 May 2022 14:25

Tgt Ion: 117 Resp: 705482
Ion Ratio Lower Upper
117 100
82 51.6 41.8 62.8
119 33.0 24.8 37.2

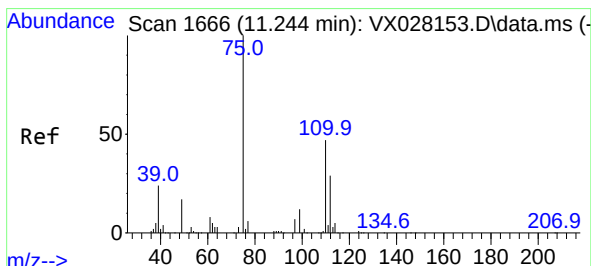
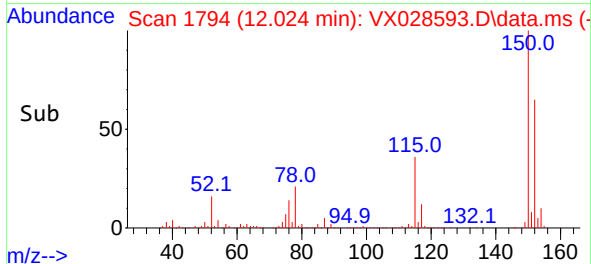
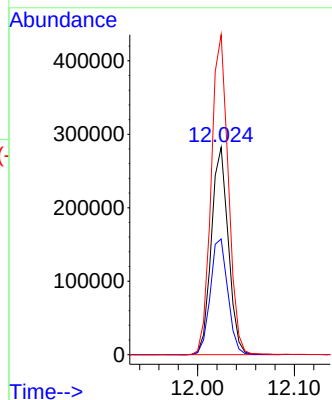
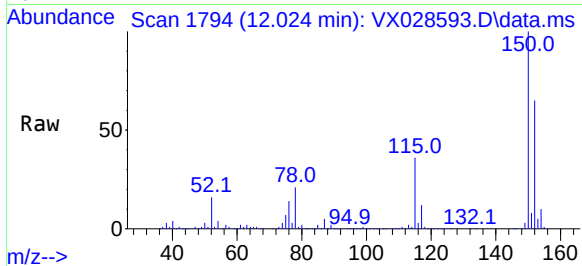




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028593.D
Acq: 10 May 2022 14:25

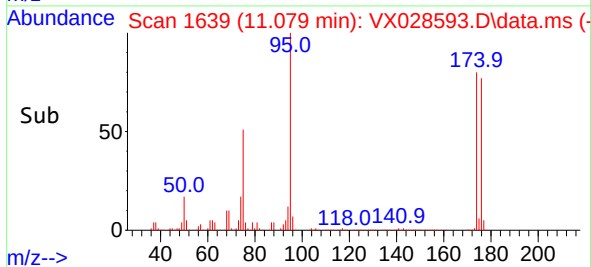
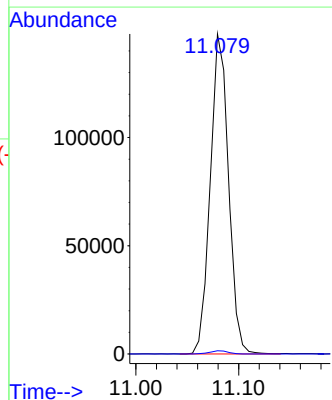
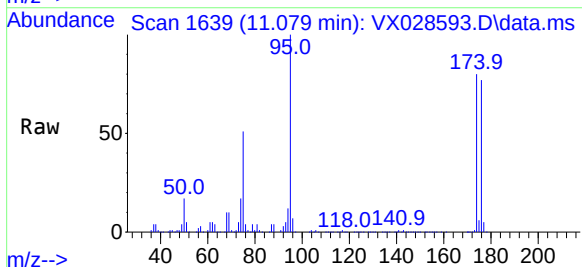
Instrument :
MSVOA_X
ClientSampleId :
PB144702ZHE#06

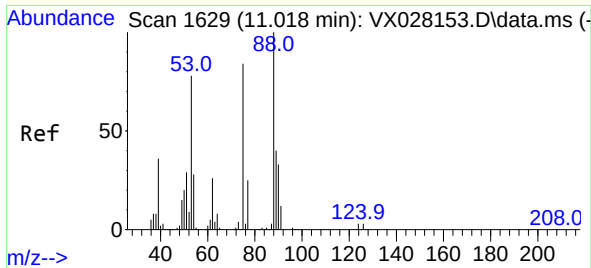
Tgt Ion:152 Resp: 344892
Ion Ratio Lower Upper
152 100
115 57.6 37.5 112.7
150 156.0 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 26.925 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028593.D
Acq: 10 May 2022 14:25

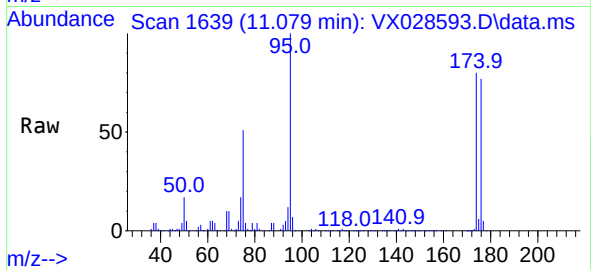
Tgt Ion: 75 Resp: 182758
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.014 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX028593.D
 Acq: 10 May 2022 14:25

Instrument :
 MSVOA_X
 ClientSampleId :
 PB144702ZHE#06



Tgt Ion: 75 Resp: 182758
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

