

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012722\
 Data File : VX026590.D
 Acq On : 26 Jan 2022 13:33
 Operator : JC/MD
 Sample : PB142265TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142265TB

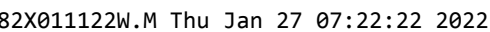
Quant Time: Jan 27 07:22:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

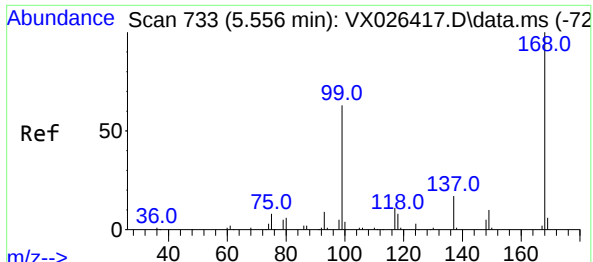
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	132691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	222689	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88606	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85425	46.086	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.180%		
35) Dibromofluoromethane	5.391	113	69358	48.230	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.460%		
50) Toluene-d8	8.653	98	264096	50.963	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.920%		
62) 4-Bromofluorobenzene	11.079	95	99174	53.873	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.740%		
Target Compounds						Qvalue
8) Diethyl Ether	2.142	74	205	0.243	ug/l #	45
10) Methyl Iodide	2.459	142	231	4.580	ug/l #	37
16) Acetone	2.392	43	12287	12.999	ug/l	96
18) Methyl Acetate	2.709	43	684	0.364	ug/l #	78
20) Methylene Chloride	2.794	84	4307	2.758	ug/l #	88
25) 2-Butanone	4.580	43	1703	1.385	ug/l #	89
29) Tetrahydrofuran	5.032	42	270	0.370	ug/l #	34
31) Cyclohexane	5.556	56	2610	0.955	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10416	4.588	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13736	5.882	ug/l #	16
43) Isopropyl Acetate	6.348	43	13358	3.601	ug/l	99
48) Methyl methacrylate	7.598	41	4066	2.212	ug/l #	16
49) 1,4-Dioxane	7.793	88	89	2.950	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	49643	22.562	ug/l #	51
54) cis-1,3-Dichloropropene	8.549	75	22688	9.469	ug/l #	59
57) 1,3-Dichloropropane	9.482	76	13538	5.200	ug/l #	43
59) 2-Hexanone	9.482	43	186188	110.561	ug/l #	51
74) N-amyl acetate	10.775	43	585	0.209	ug/l #	48
76) 1,2,3-Trichloropropane	11.079	75	48935	25.083	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	48935	76.226	ug/l #	3
90) Hexachloroethane	12.555	117	53	2.227	ug/l	66

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

Quant Time: Jan 27 07:22:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration

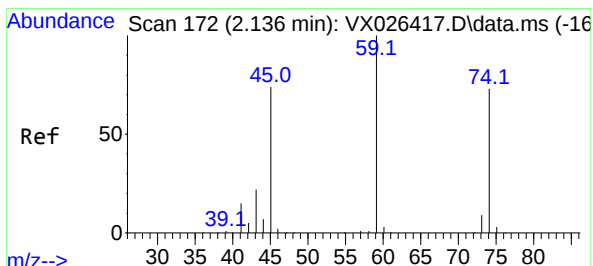
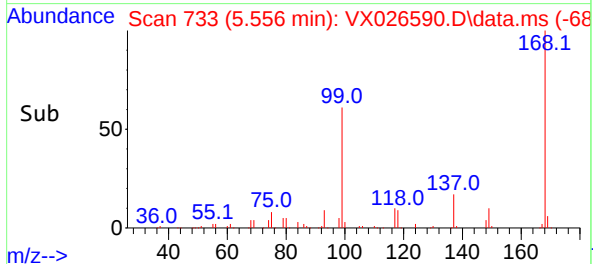
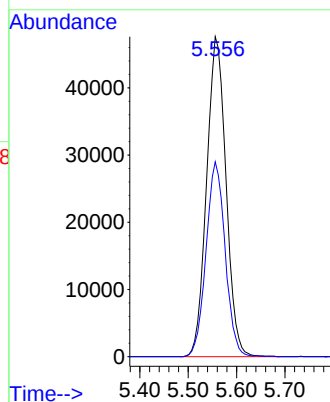
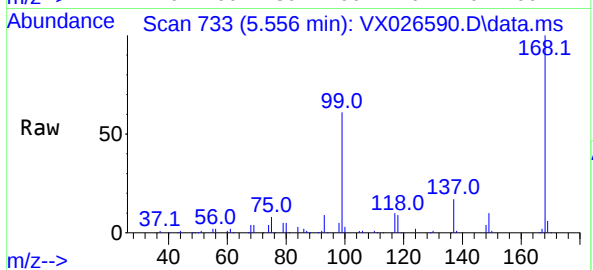




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026590.D
Acq: 26 Jan 2022 13:33

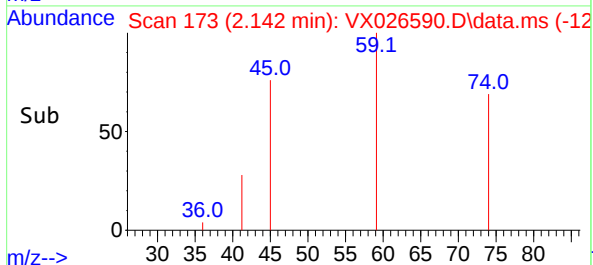
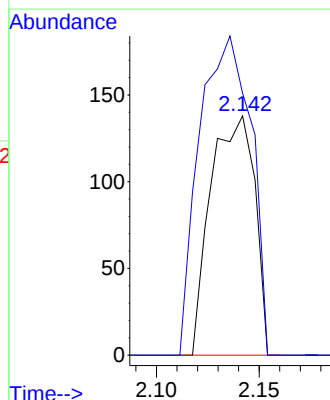
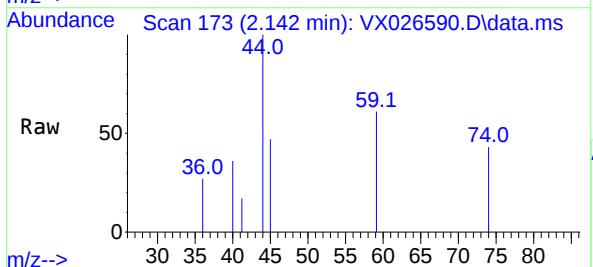
Instrument :
MSVOA_X
ClientSampleId :
PB142265TB

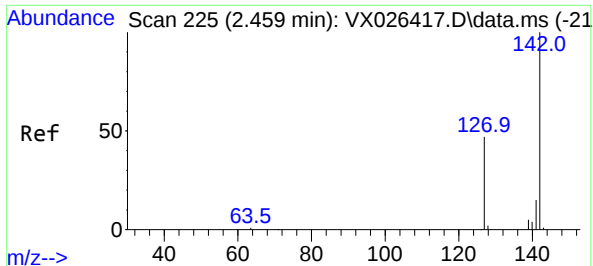
Tgt Ion:168 Resp: 132691
Ion Ratio Lower Upper
168 100
99 60.9 50.3 75.5



#8
Diethyl Ether
Concen: 0.243 ug/l
RT: 2.142 min Scan# 173
Delta R.T. 0.006 min
Lab File: VX026590.D
Acq: 26 Jan 2022 13:33

Tgt Ion: 74 Resp: 205
Ion Ratio Lower Upper
74 100
45 156.6 50.7 152.1#

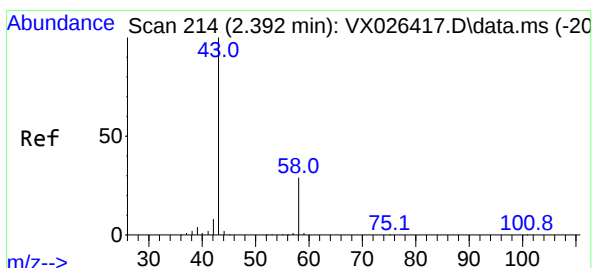
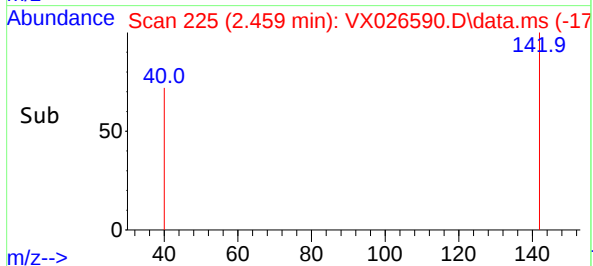
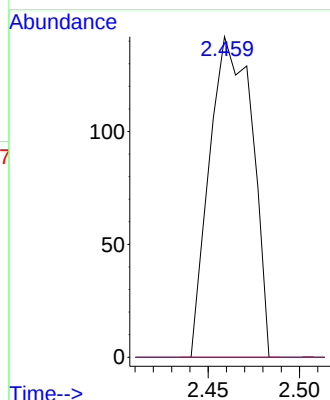
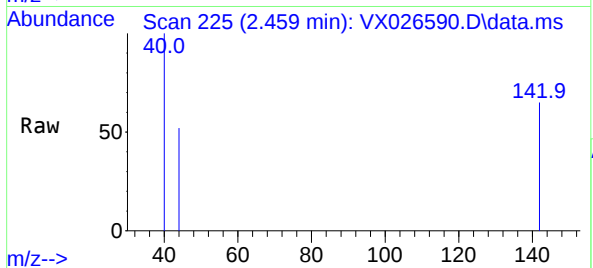




#10
Methyl Iodide
Concen: 4.580 ug/l
RT: 2.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX026590.D
Acq: 26 Jan 2022 13:33

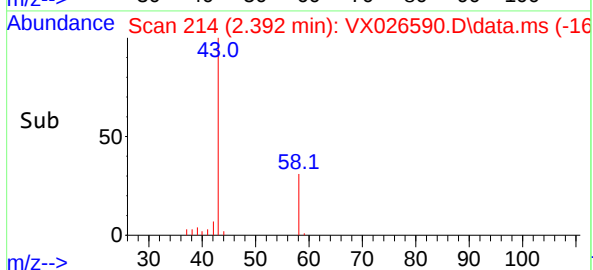
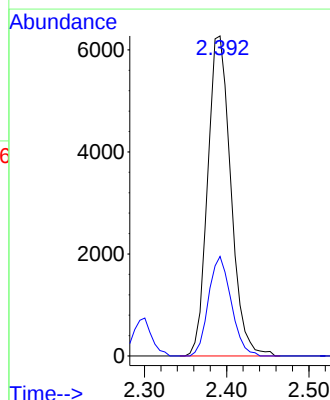
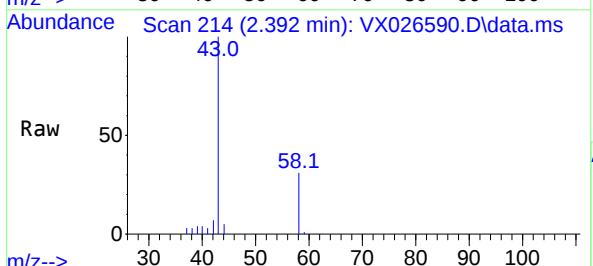
Instrument :
MSVOA_X
ClientSampleId :
PB142265TB

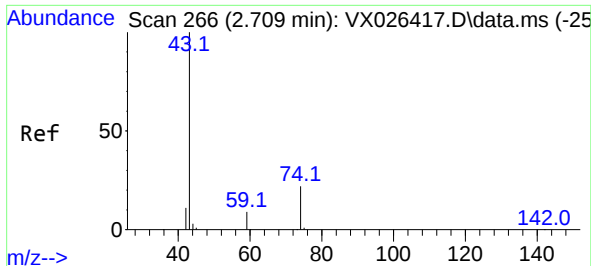
Tgt Ion:142 Resp: 231
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#



#16
Acetone
Concen: 12.999 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX026590.D
Acq: 26 Jan 2022 13:33

Tgt Ion: 43 Resp: 12287
Ion Ratio Lower Upper
43 100
58 31.1 23.0 34.6

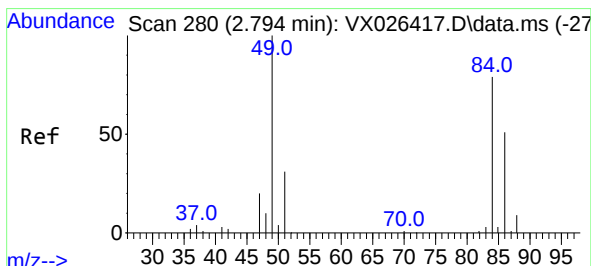
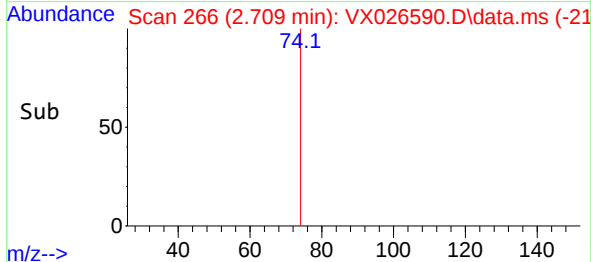
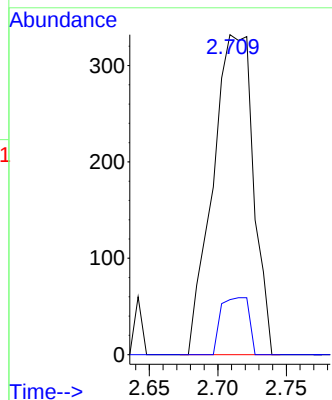
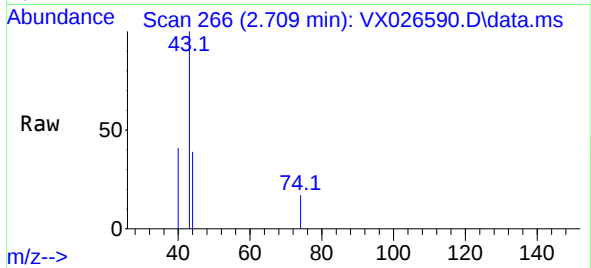




#18
Methyl Acetate
Concen: 0.364 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX026590.D
Acq: 26 Jan 2022 13:33

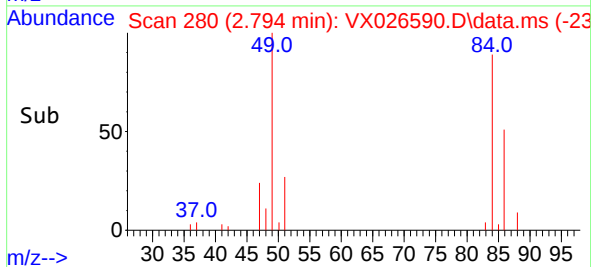
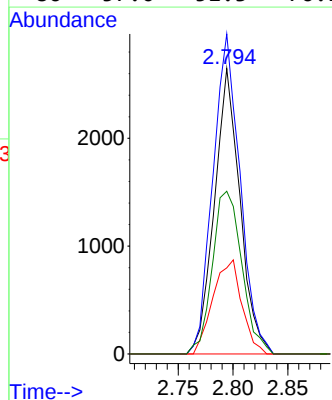
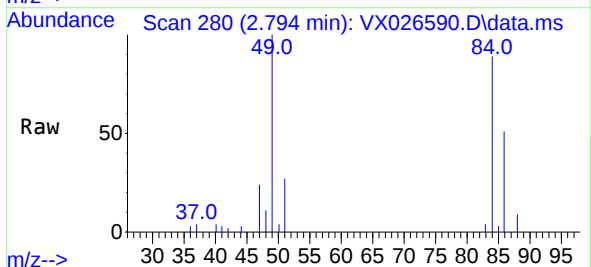
Instrument :
MSVOA_X
ClientSampleId :
PB142265TB

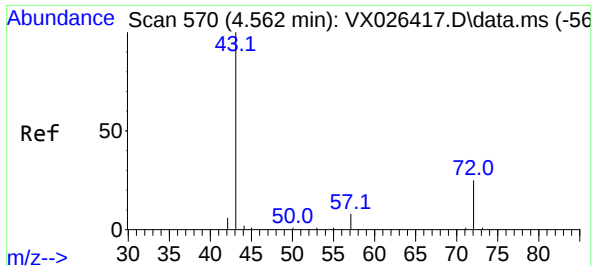
Tgt Ion: 43 Resp: 684
Ion Ratio Lower Upper
43 100
74 12.1 18.3 27.5#



#20
Methylene Chloride
Concen: 2.758 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX026590.D
Acq: 26 Jan 2022 13:33

Tgt Ion: 84 Resp: 4307
Ion Ratio Lower Upper
84 100
49 112.1 101.5 152.3
51 30.1 31.2 46.8#
86 57.0 51.3 76.9





#25

2-Butanone

Concen: 1.385 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX026590.D

Acq: 26 Jan 2022 13:33

Instrument :

MSVOA_X

ClientSampleId :

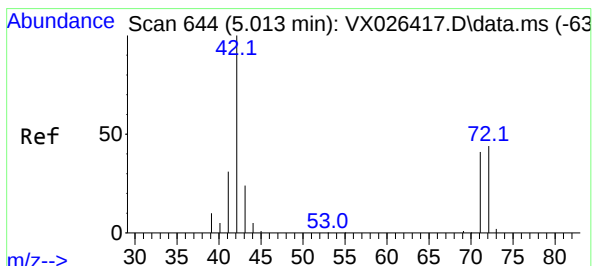
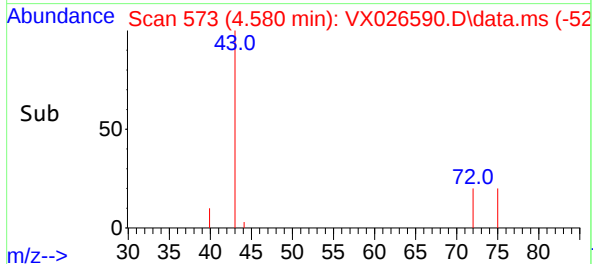
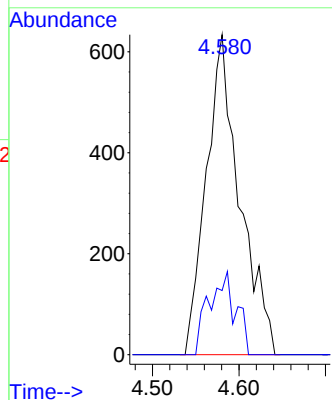
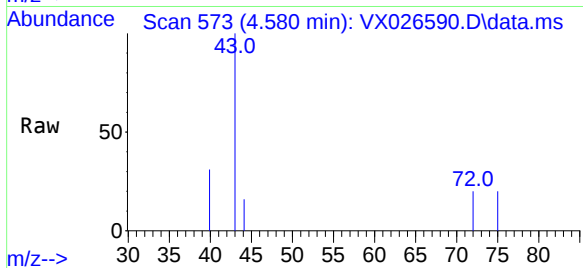
PB142265TB

Tgt Ion: 43 Resp: 1703

Ion Ratio Lower Upper

43 100

72 20.0 20.4 30.6#



#29

Tetrahydrofuran

Concen: 0.370 ug/l

RT: 5.032 min Scan# 647

Delta R.T. 0.018 min

Lab File: VX026590.D

Acq: 26 Jan 2022 13:33

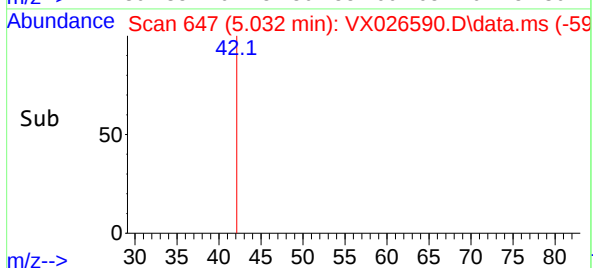
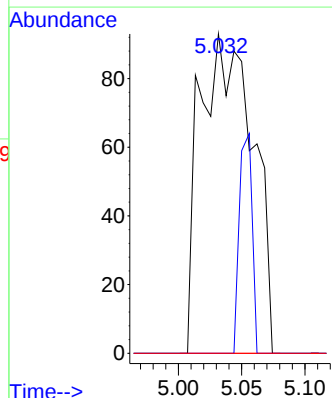
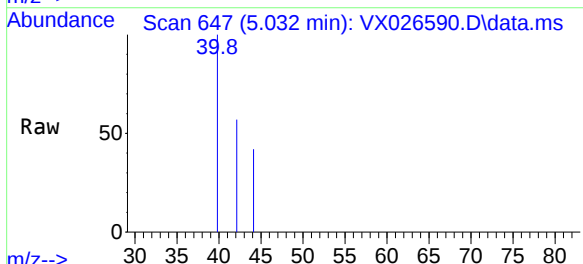
Tgt Ion: 42 Resp: 270

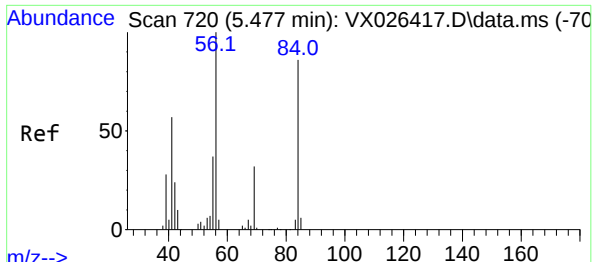
Ion Ratio Lower Upper

42 100

72 0.0 34.6 52.0#

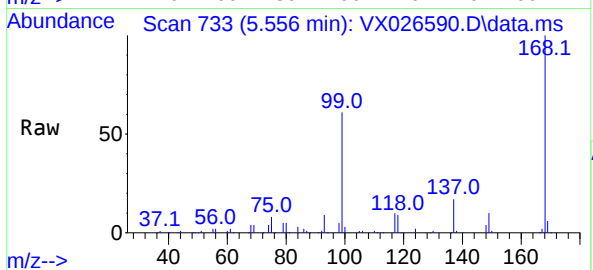
71 0.0 31.8 47.8#



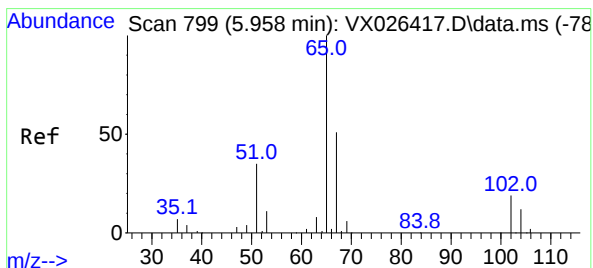
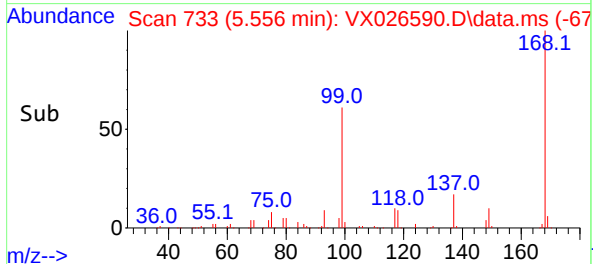
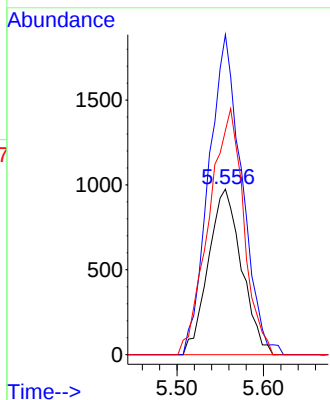


#31
Cyclohexane
Concen: 0.955 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.079 min
Lab File: VX026590.D
Acq: 26 Jan 2022 13:33

Instrument :
MSVOA_X
ClientSampleId :
PB142265TB

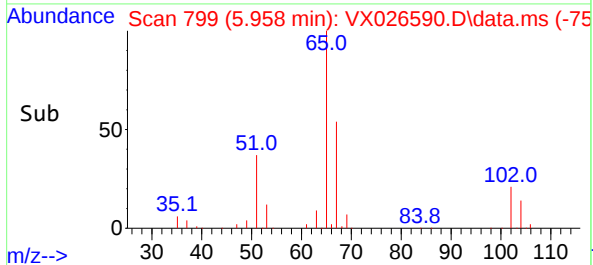
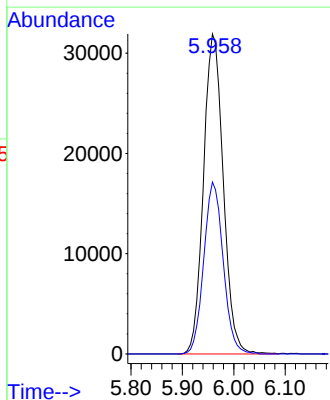
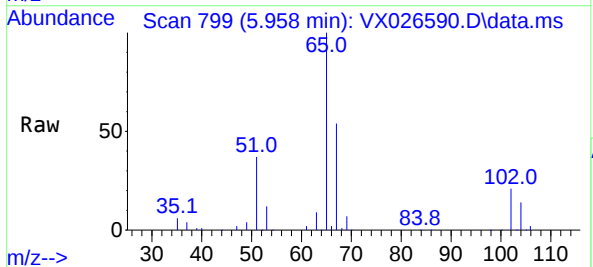


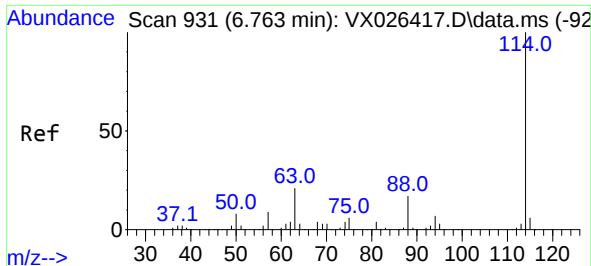
Tgt Ion: 56 Resp: 2610
Ion Ratio Lower Upper
56 100
69 193.2 25.8 38.6#
84 135.3 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 46.086 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX026590.D
Acq: 26 Jan 2022 13:33

Tgt Ion: 65 Resp: 85425
Ion Ratio Lower Upper
65 100
67 52.8 0.0 100.8

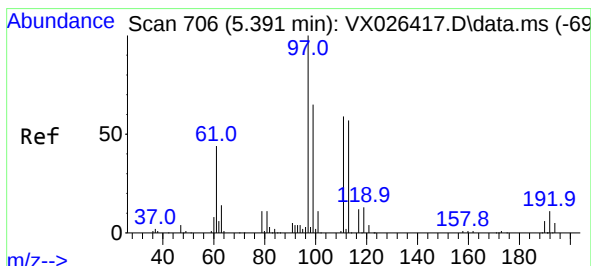
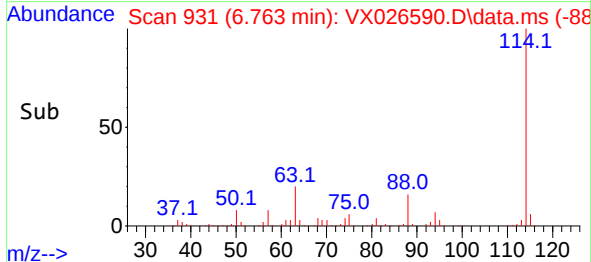
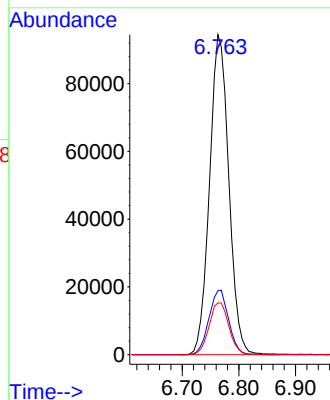
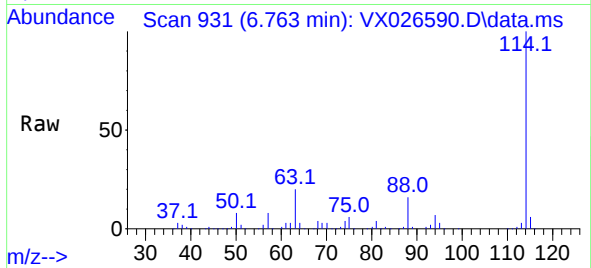




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX026590.D
Acq: 26 Jan 2022 13:33

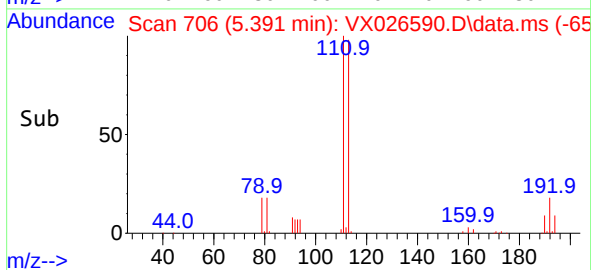
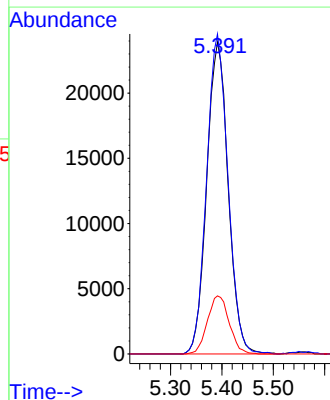
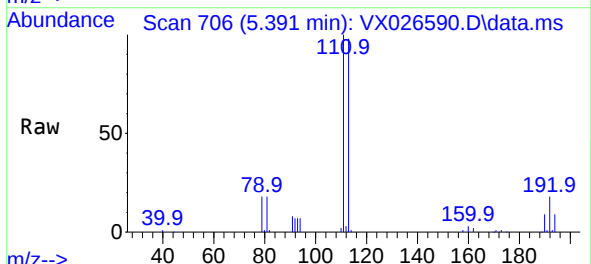
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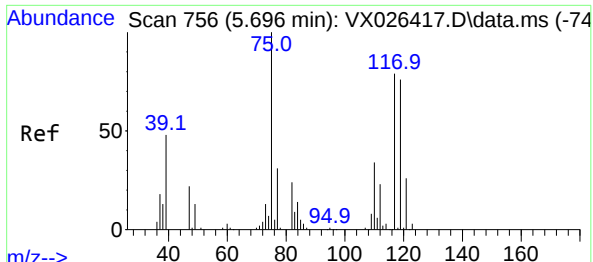
Tgt Ion:114 Resp: 222689
Ion Ratio Lower Upper
114 100
63 20.0 0.0 42.8
88 16.2 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.230 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026590.D
Acq: 26 Jan 2022 13:33

Tgt Ion:113 Resp: 69358
Ion Ratio Lower Upper
113 100
111 102.2 81.2 121.8
192 18.9 15.0 22.4

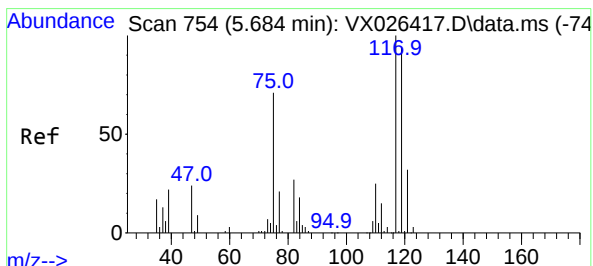
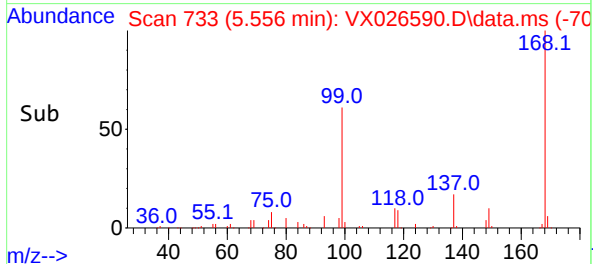
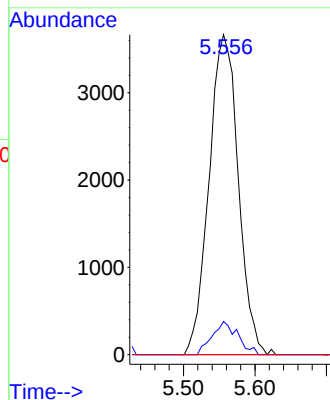
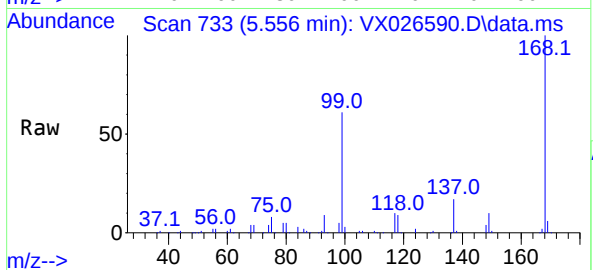




#36
1,1-Dichloropropene
Concen: 4.588 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX026590.D
Acq: 26 Jan 2022 13:33

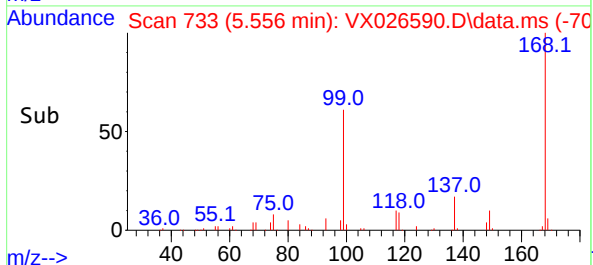
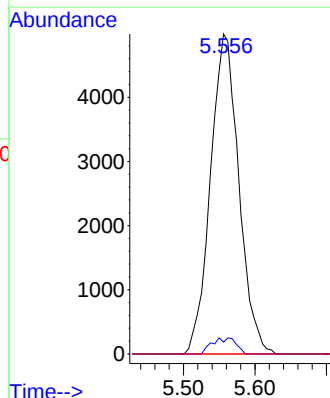
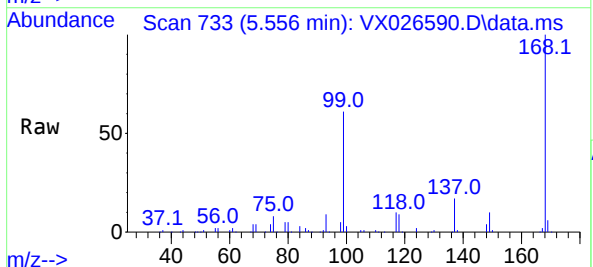
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ClientSampleId :
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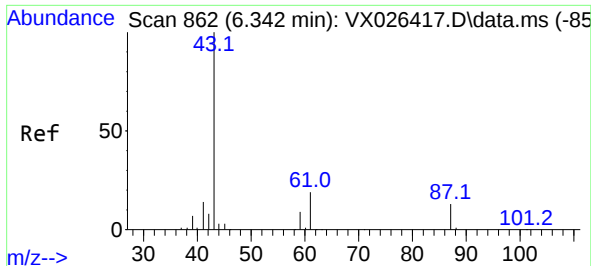
Tgt Ion: 75 Resp: 10416
Ion Ratio Lower Upper
75 100
110 9.1 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.882 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026590.D
Acq: 26 Jan 2022 13:33

Tgt Ion: 117 Resp: 13736
Ion Ratio Lower Upper
117 100
119 3.7 74.7 112.1#
121 0.0 25.4 38.0#

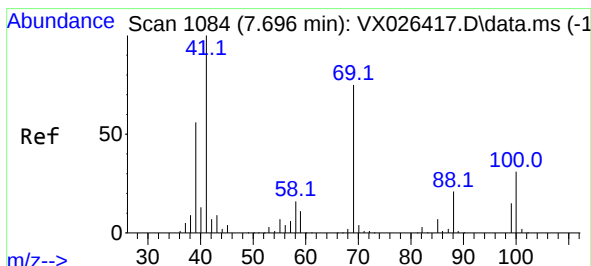
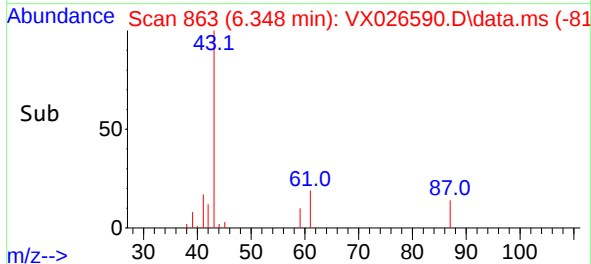
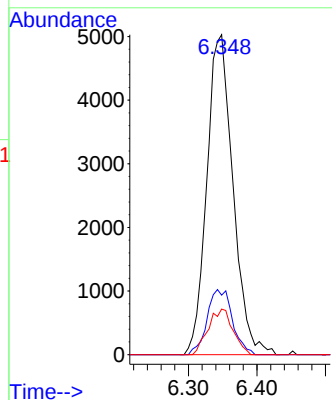
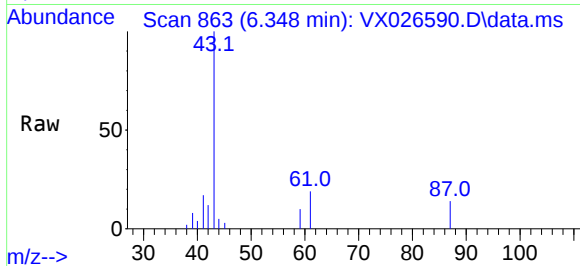




#43
Isopropyl Acetate
Concen: 3.601 ug/l
RT: 6.348 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX026590.D
Acq: 26 Jan 2022 13:33

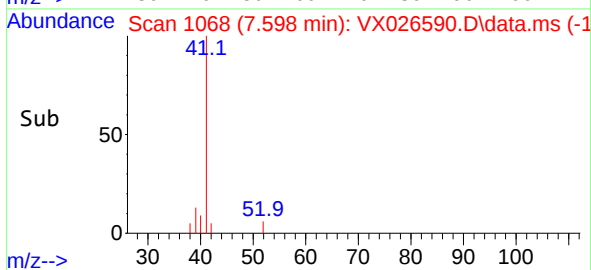
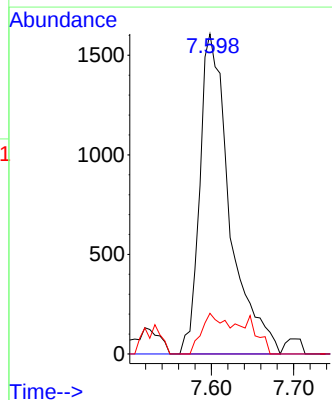
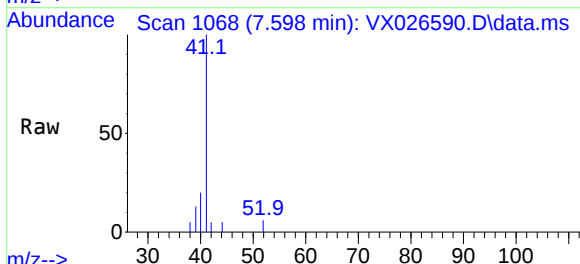
Instrument :
MSVOA_X
ClientSampleId :
PB142265TB

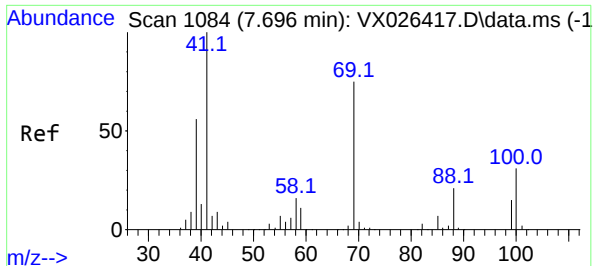
Tgt Ion: 43 Resp: 13358
Ion Ratio Lower Upper
43 100
61 19.7 15.4 23.0
87 13.5 10.2 15.2



#48
Methyl methacrylate
Concen: 2.212 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.097 min
Lab File: VX026590.D
Acq: 26 Jan 2022 13:33

Tgt Ion: 41 Resp: 4066
Ion Ratio Lower Upper
41 100
69 0.0 62.2 93.4#
39 0.0 45.4 68.0#

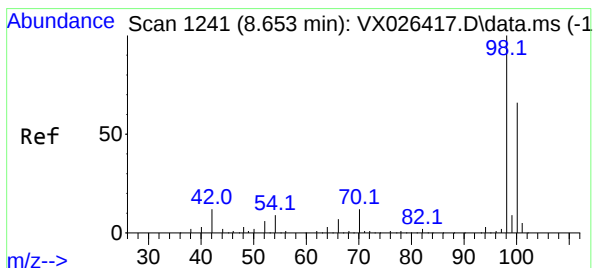
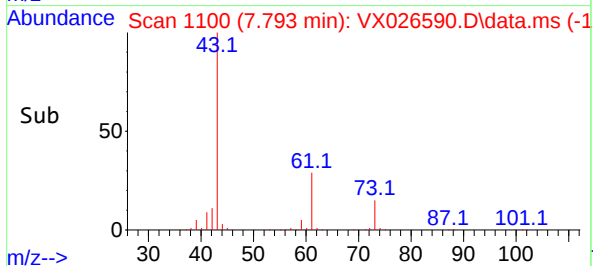
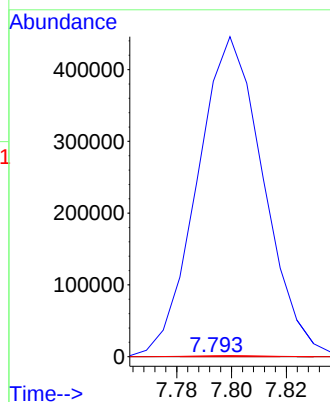
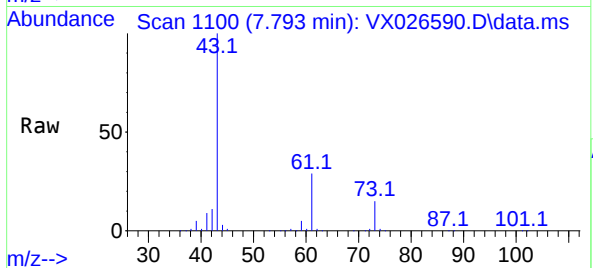




#49
1,4-Dioxane
Concen: 2.950 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.098 min
Lab File: VX026590.D
Acq: 26 Jan 2022 13:33

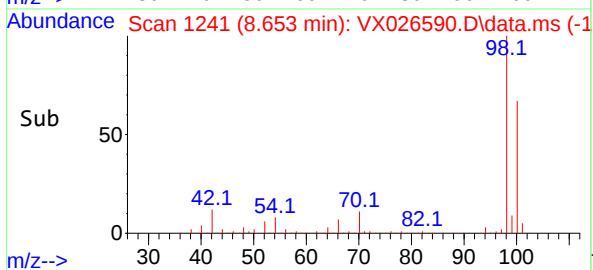
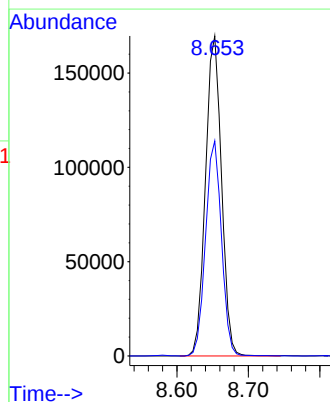
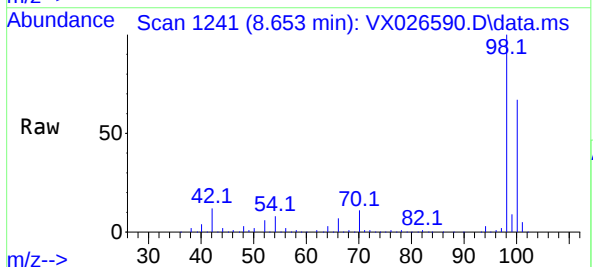
Instrument :
MSVOA_X
ClientSampleId :
PB142265TB

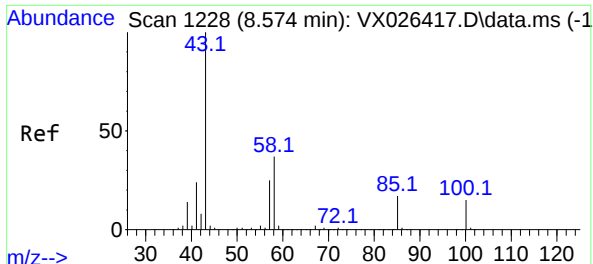
Tgt Ion: 88 Resp: 89
Ion Ratio Lower Upper
88 100
43 851174.2 29.9 44.9#
58 3133.7 57.8 86.6#



#50
Toluene-d8
Concen: 50.963 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026590.D
Acq: 26 Jan 2022 13:33

Tgt Ion: 98 Resp: 264096
Ion Ratio Lower Upper
98 100
100 66.8 53.2 79.8

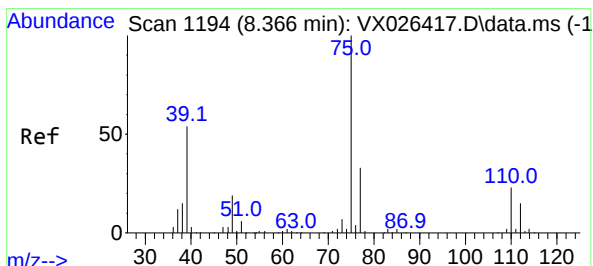
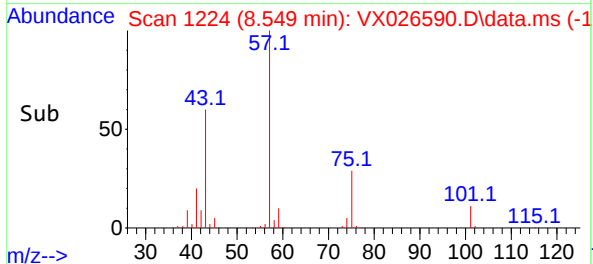
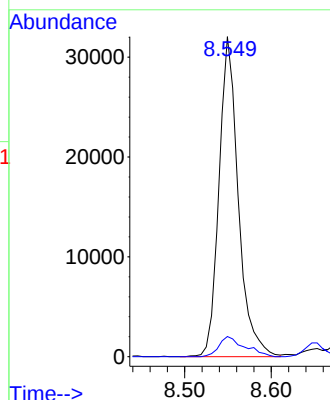
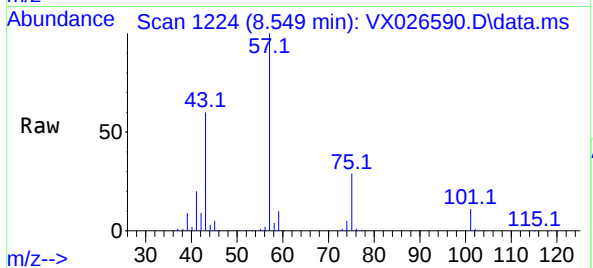




#51
4-Methyl-2-Pentanone
Concen: 22.562 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX026590.D
Acq: 26 Jan 2022 13:33

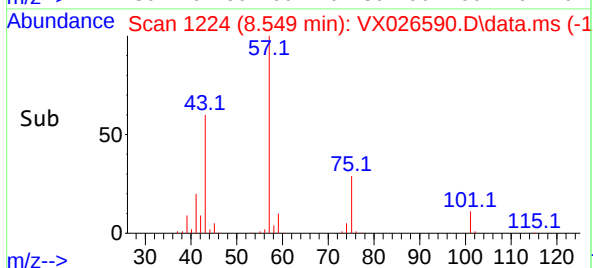
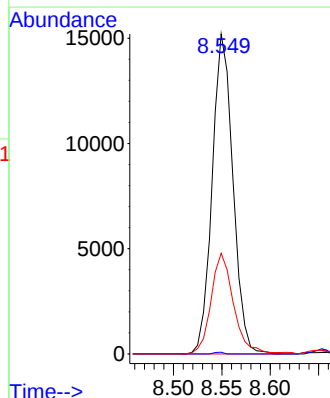
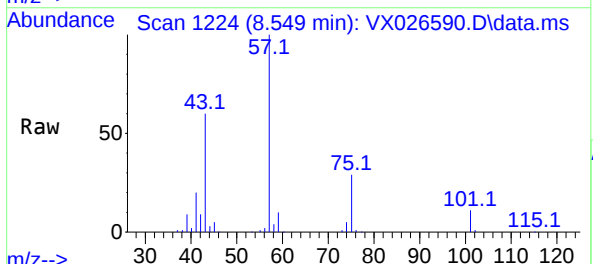
Instrument :
MSVOA_X
ClientSampleId :
PB142265TB

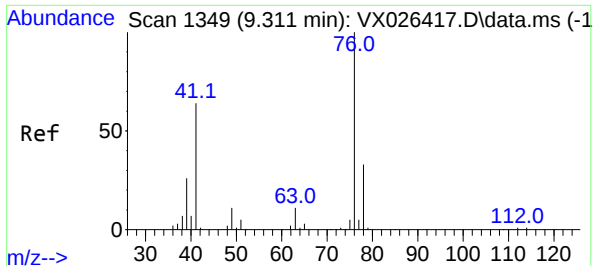
Tgt Ion: 43 Resp: 49643
Ion Ratio Lower Upper
43 100
58 8.3 30.5 45.7#



#54
cis-1,3-Dichloropropene
Concen: 9.469 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX026590.D
Acq: 26 Jan 2022 13:33

Tgt Ion: 75 Resp: 22688
Ion Ratio Lower Upper
75 100
77 0.6 26.2 39.2#
39 31.4 43.5 65.3#





#57

1,3-Dichloropropane

Concen: 5.200 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX026590.D

Acq: 26 Jan 2022 13:33

Instrument :

MSVOA_X

ClientSampleId :

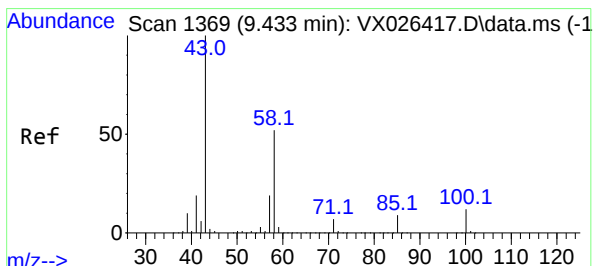
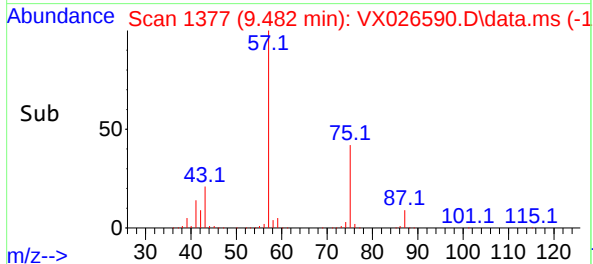
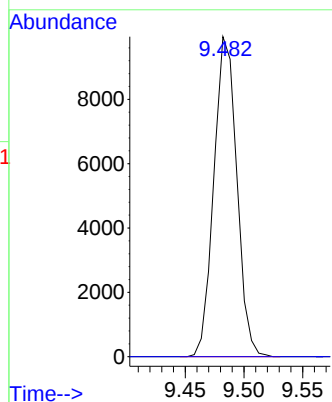
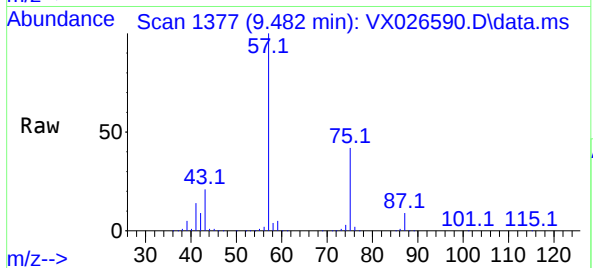
PB142265TB

Tgt Ion: 76 Resp: 13538

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#



#59

2-Hexanone

Concen: 110.561 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX026590.D

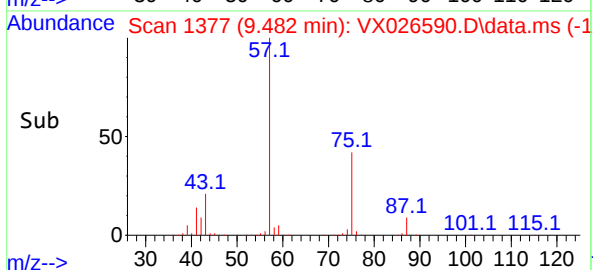
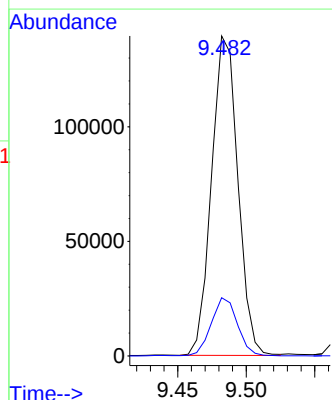
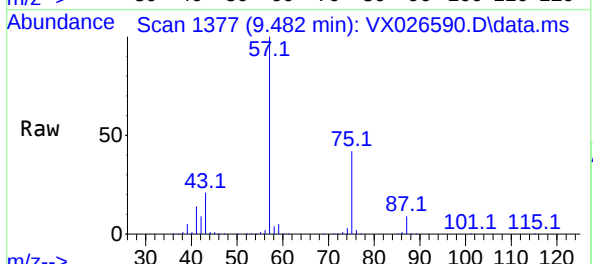
Acq: 26 Jan 2022 13:33

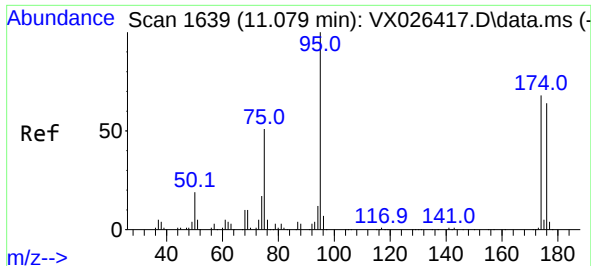
Tgt Ion: 43 Resp: 186188

Ion Ratio Lower Upper

43 100

58 18.3 26.4 79.2#

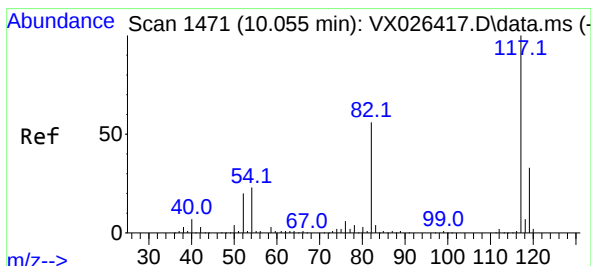
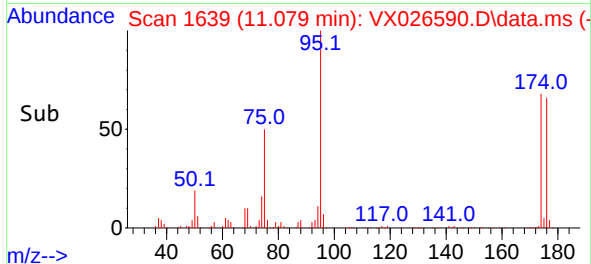
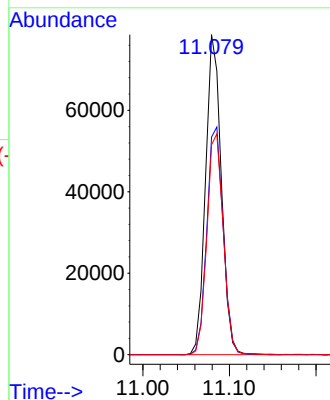
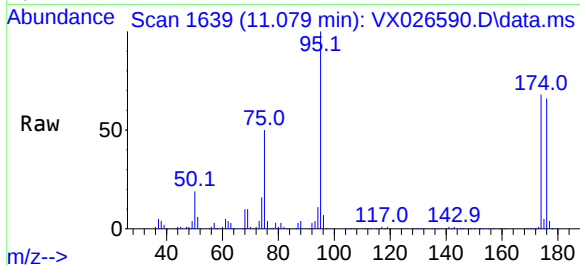




#62
4-Bromofluorobenzene
Concen: 53.873 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026590.D
Acq: 26 Jan 2022 13:33

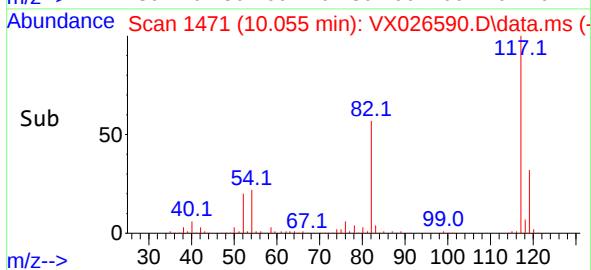
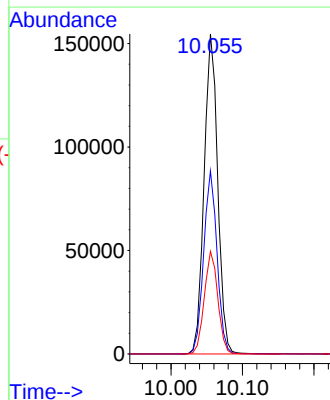
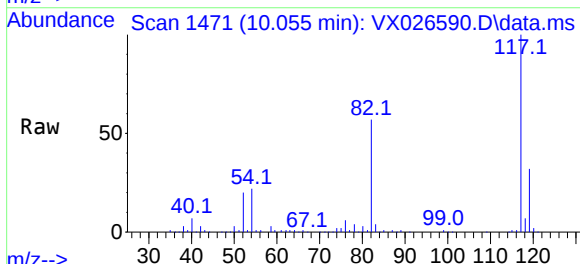
Instrument :
MSVOA_X
ClientSampleId :
PB142265TB

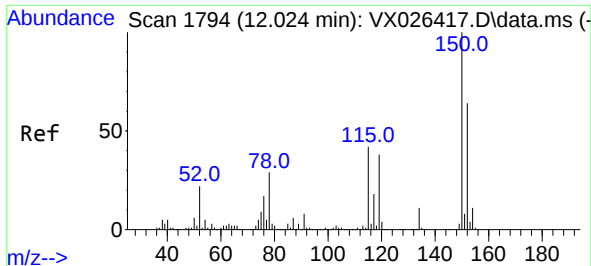
Tgt Ion: 95 Resp: 99174
Ion Ratio Lower Upper
95 100
174 74.1 0.0 148.6
176 71.7 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026590.D
Acq: 26 Jan 2022 13:33

Tgt Ion: 117 Resp: 204324
Ion Ratio Lower Upper
117 100
82 57.2 45.2 67.8
119 32.0 26.2 39.2

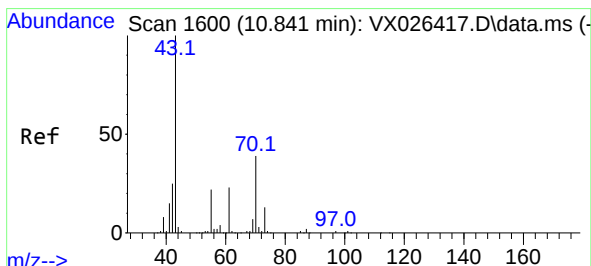
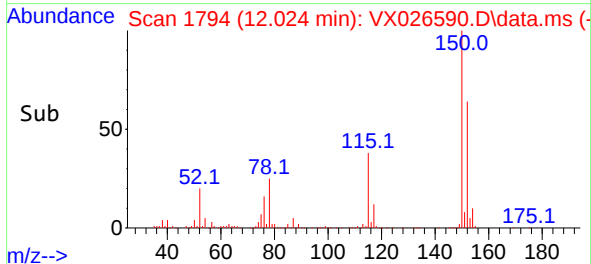
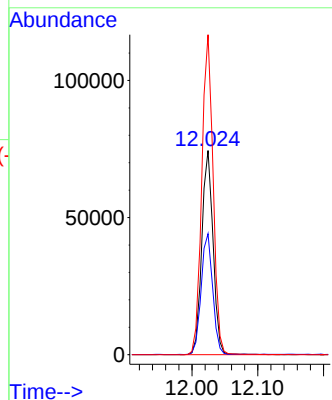
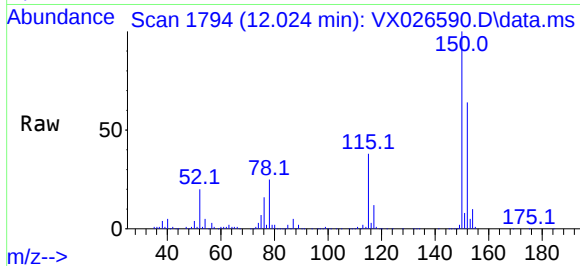




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026590.D
Acq: 26 Jan 2022 13:33

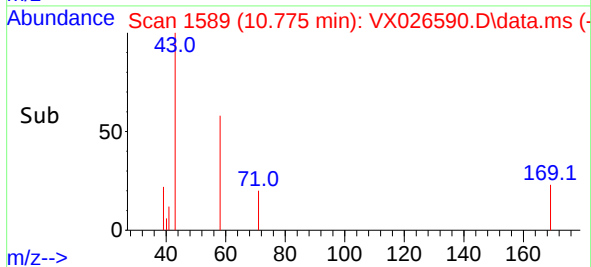
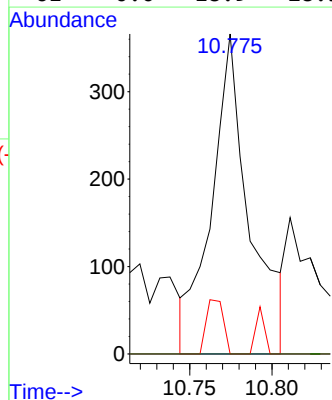
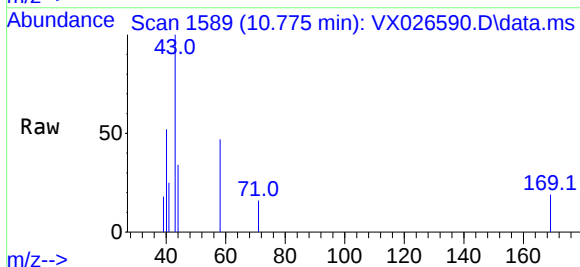
Instrument :
MSVOA_X
ClientSampleId :
PB142265TB

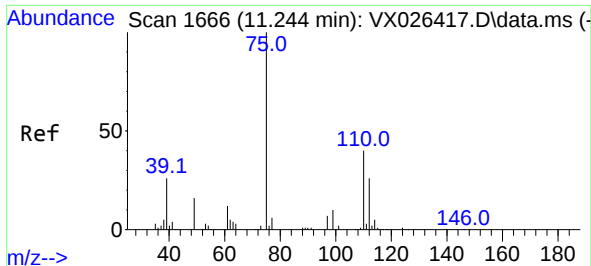
Tgt Ion:152 Resp: 88606
Ion Ratio Lower Upper
152 100
115 60.5 44.2 132.6
150 157.3 0.0 348.2



#74
N-ethyl acetate
Concen: 0.209 ug/l
RT: 10.775 min Scan# 1589
Delta R.T. -0.067 min
Lab File: VX026590.D
Acq: 26 Jan 2022 13:33

Tgt Ion: 43 Resp: 585
Ion Ratio Lower Upper
43 100
70 0.0 32.9 49.3#
55 7.7 18.3 27.5#
61 0.0 18.9 28.3#

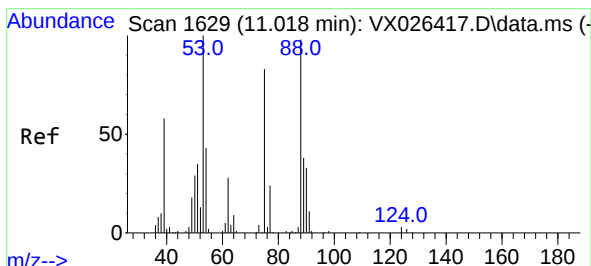
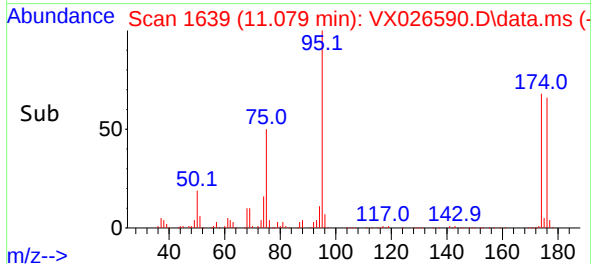
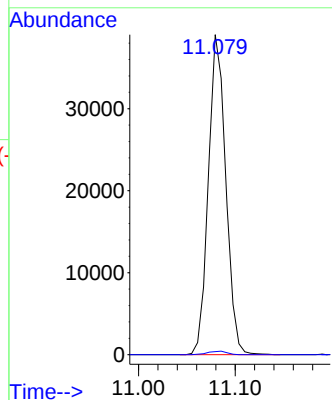
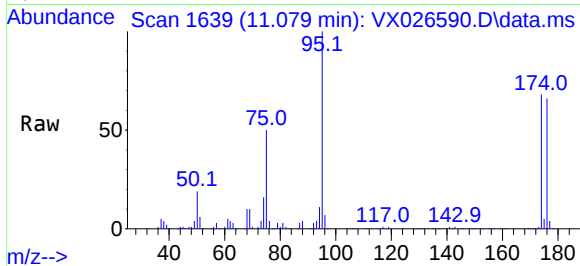




#76
1,2,3-Trichloropropane
Concen: 25.083 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026590.D
Acq: 26 Jan 2022 13:33

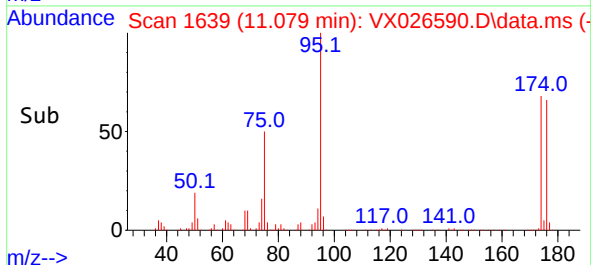
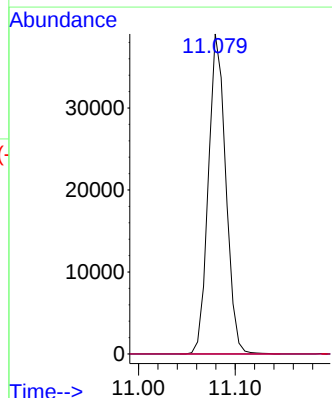
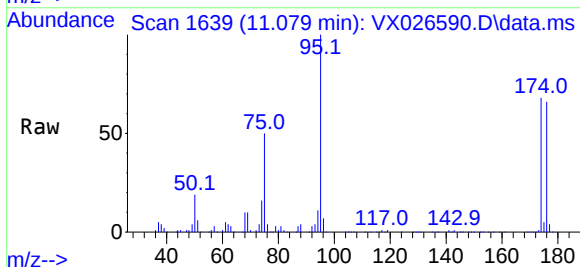
Instrument :
MSVOA_X
ClientSampleId :
PB142265TB

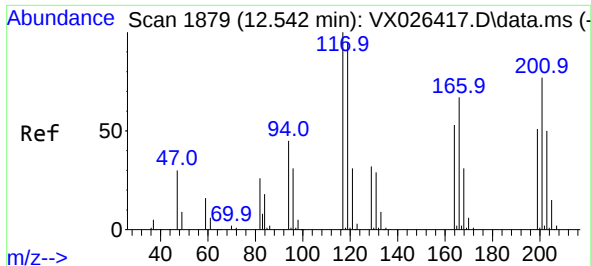
Tgt Ion: 75 Resp: 48935
Ion Ratio Lower Upper
75 100
77 1.2 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.226 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026590.D
Acq: 26 Jan 2022 13:33

Tgt Ion: 75 Resp: 48935
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#





#90
 Hexachloroethane
 Concen: 2.227 ug/l
 RT: 12.555 min Scan# 11
 Delta R.T. 0.013 min
 Lab File: VX026590.D
 Acq: 26 Jan 2022 13:33

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142265TB

Tgt Ion:117 Resp: 53
 Ion Ratio Lower Upper
 117 100
 201 43.4 35.6 106.8

