

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020222\
 Data File : VX026743.D
 Acq On : 02 Feb 2022 17:43
 Operator : JC/MD
 Sample : PB142421ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142421ZHE#02

Quant Time: Feb 03 03:08:32 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)

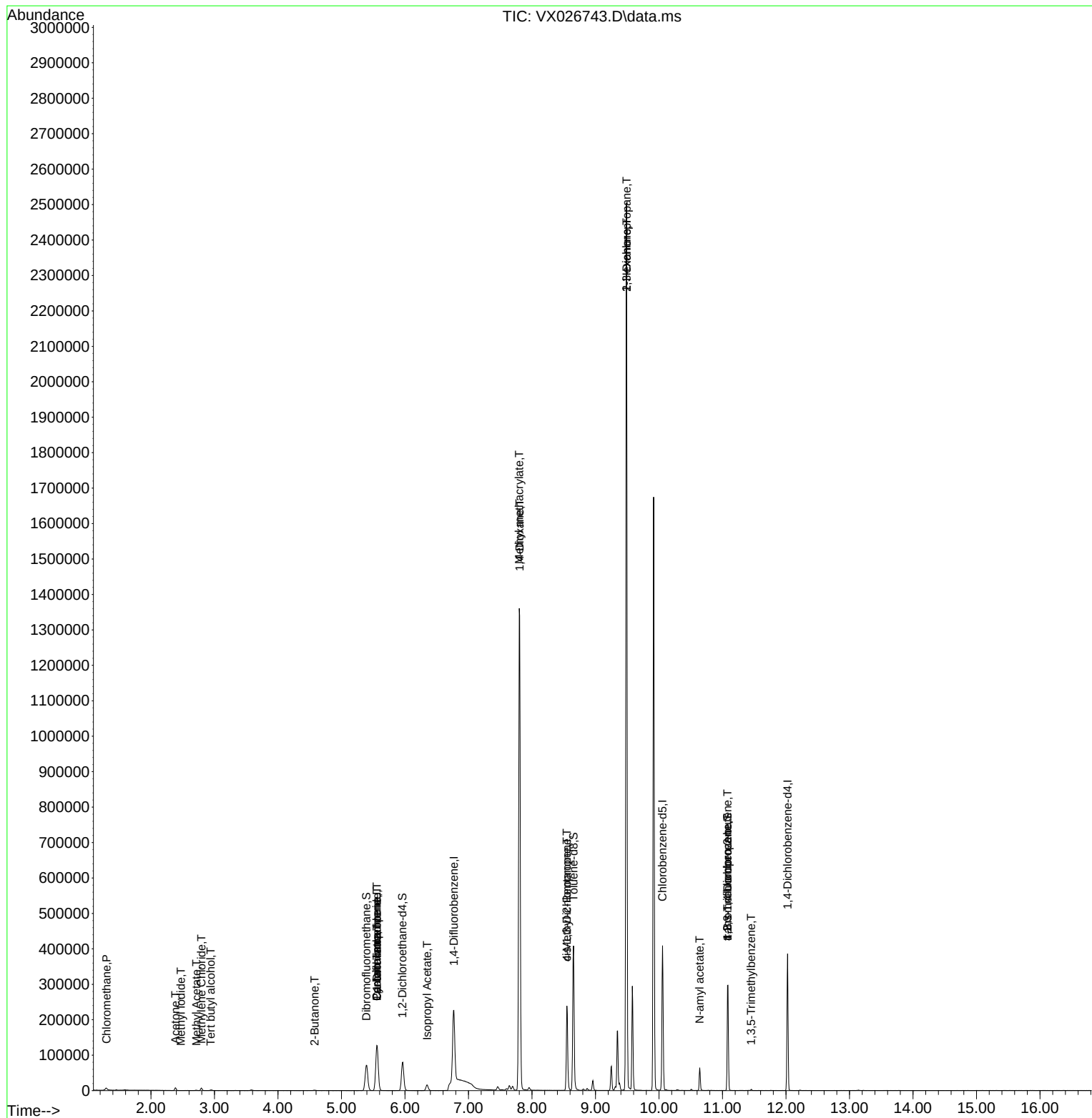
Internal Standards						
1) Pentafluorobenzene	5.556	168	121375	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	206981	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	181116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77751	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78037	46.025	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.060%		
35) Dibromofluoromethane	5.391	113	64202	48.033	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.060%		
50) Toluene-d8	8.653	98	236970	49.199	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.400%		
62) 4-Bromofluorobenzene	11.079	95	86166	50.359	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.720%		
Target Compounds					Qvalue	
3) Chloromethane	1.301	50	273	0.208	ug/l #	42
10) Methyl Iodide	2.471	142	74	4.492	ug/l #	37
11) Tert butyl alcohol	2.941	59	1265	5.363	ug/l #	75
16) Acetone	2.386	43	8694	10.055	ug/l	96
18) Methyl Acetate	2.715	43	1694	0.985	ug/l	93
20) Methylene Chloride	2.794	84	3006	2.104	ug/l	94
25) 2-Butanone	4.574	43	1875	1.667	ug/l #	75
31) Cyclohexane	5.556	56	2323	0.929	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9202	4.361	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12216	5.628	ug/l #	17
43) Isopropyl Acetate	6.349	43	22152	6.425	ug/l	98
48) Methyl methacrylate	7.800	41	116195	68.002	ug/l #	45
49) 1,4-Dioxane	7.806	88	132	4.707	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	81030	39.622	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	37810	16.977	ug/l #	56
57) 1,3-Dichloropropane	9.488	76	22345	9.235	ug/l #	43
59) 2-Hexanone	9.488	43	302951	193.549	ug/l #	52
74) N-amyl acetate	10.640	43	15255	6.200	ug/l #	53
76) 1,2,3-Trichloropropane	11.079	75	41685	24.350	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	1690	0.322	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.079	75	41685	74.144	ug/l #	3

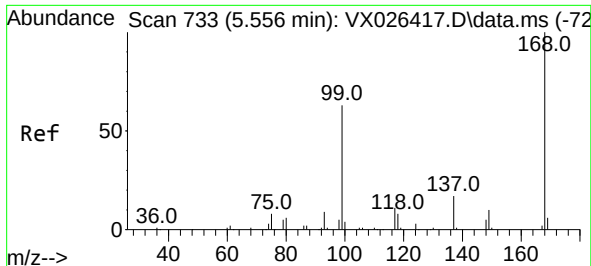
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: Feb 03 03:08:32 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

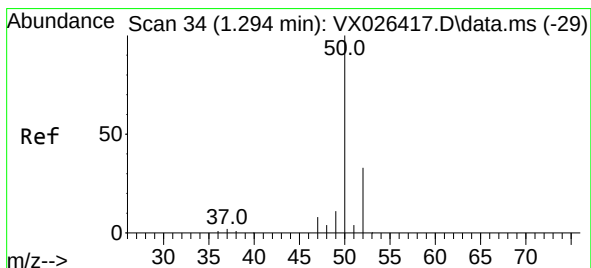
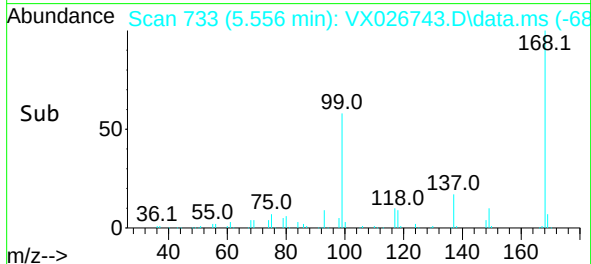
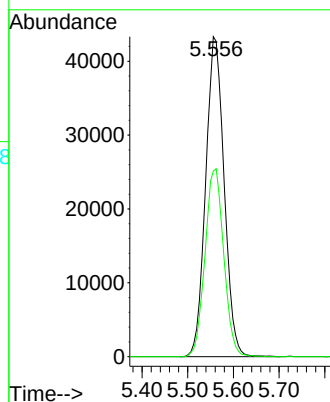
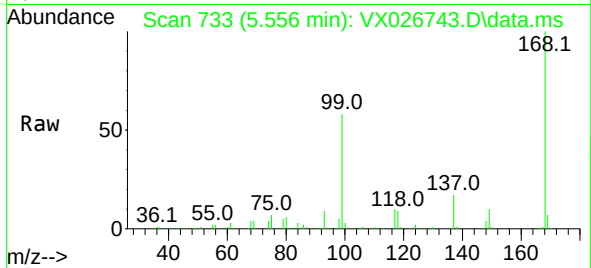




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX026743.D
Acq: 02 Feb 2022 17:43

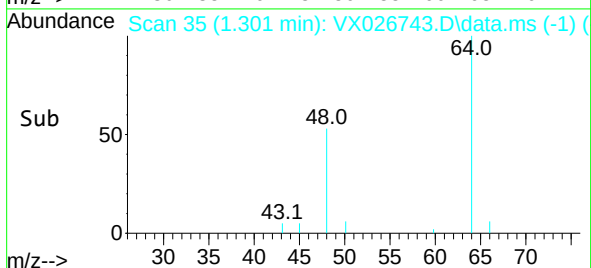
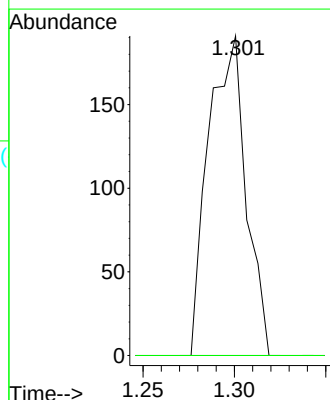
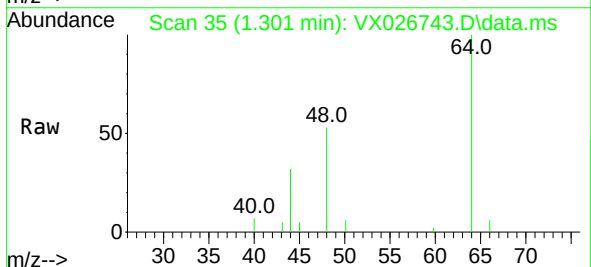
Instrument :
MSVOA_X
ClientSampleId :
PB142421ZHE#02

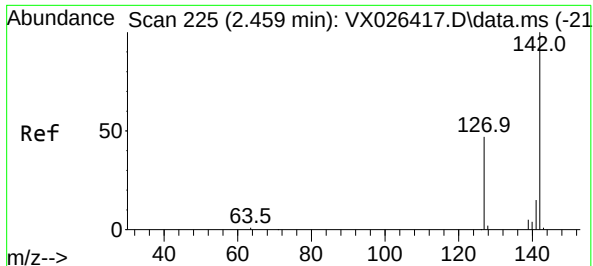
Tgt Ion:168 Resp: 121375
Ion Ratio Lower Upper
168 100
99 58.0 50.3 75.5



#3
Chloromethane
Concen: 0.208 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX026743.D
Acq: 02 Feb 2022 17:43

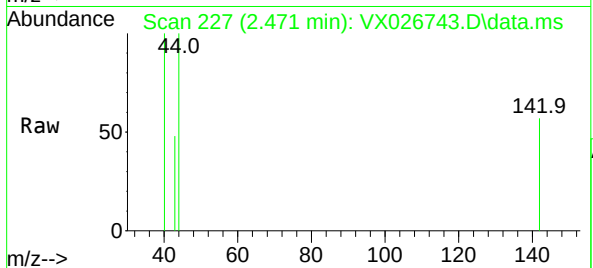
Tgt Ion: 50 Resp: 273
Ion Ratio Lower Upper
50 100
52 0.0 26.1 39.1#



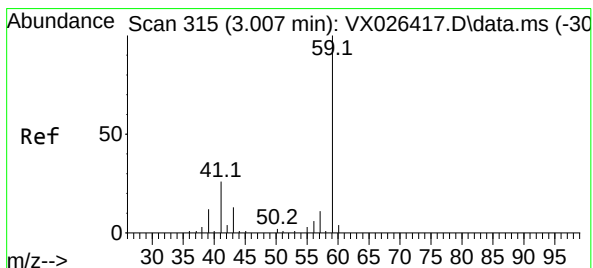
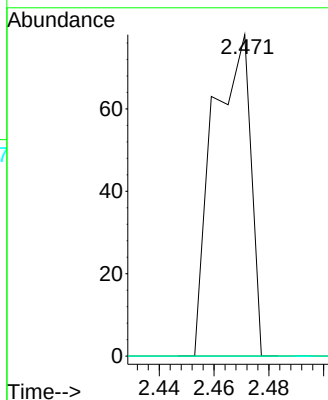
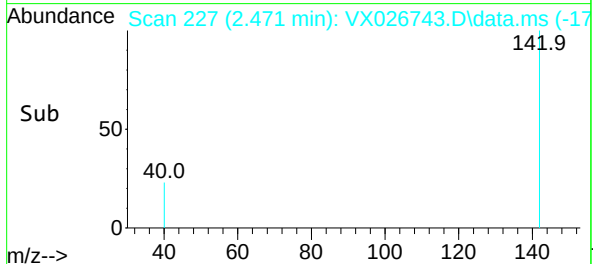


#10
Methyl Iodide
Concen: 4.492 ug/l
RT: 2.471 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX026743.D
Acq: 02 Feb 2022 17:43

Instrument :
MSVOA_X
ClientSampleId :
PB142421ZHE#02

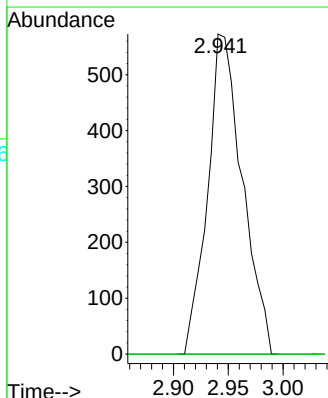
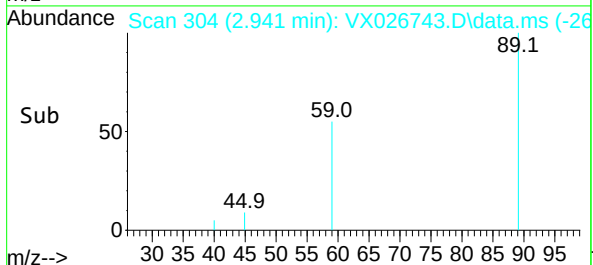
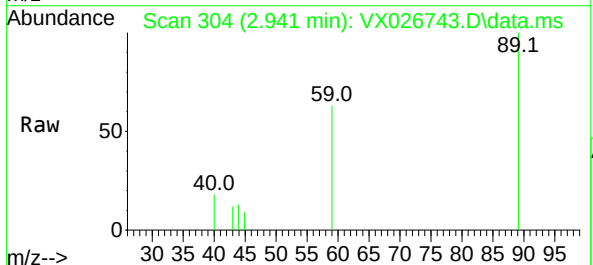


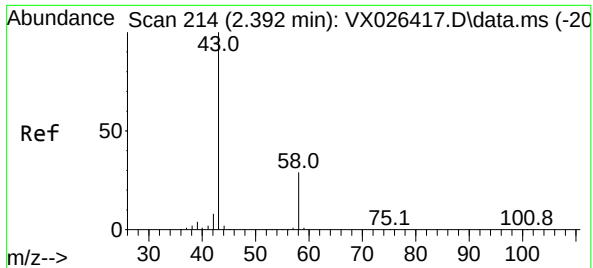
Tgt Ion:142 Resp: 74
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 5.363 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.066 min
Lab File: VX026743.D
Acq: 02 Feb 2022 17:43

Tgt Ion: 59 Resp: 1265
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

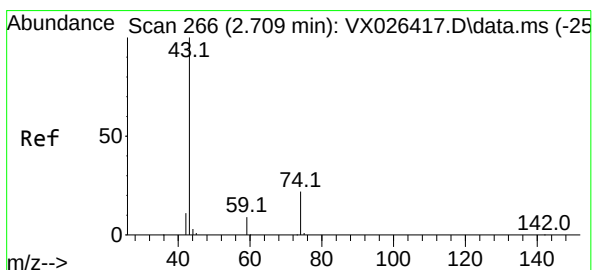
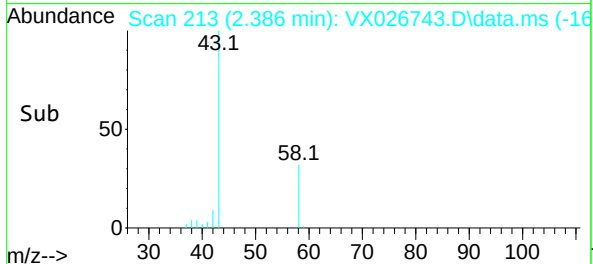
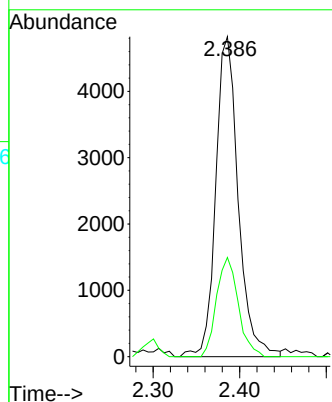
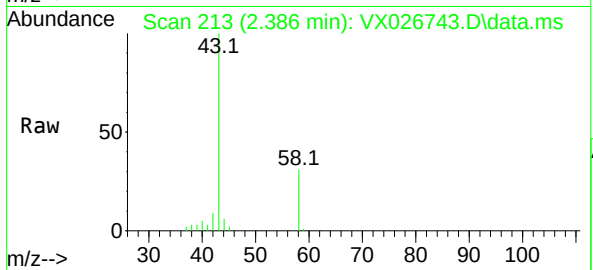




#16
Acetone
Concen: 10.055 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX026743.D
Acq: 02 Feb 2022 17:43

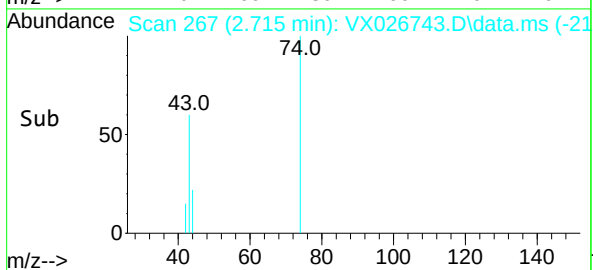
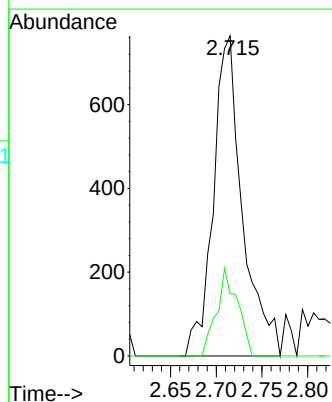
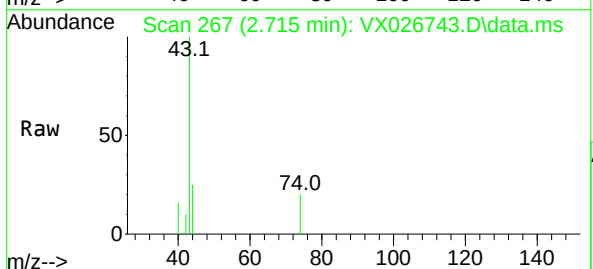
Instrument :
MSVOA_X
ClientSampleId :
PB142421ZHE#02

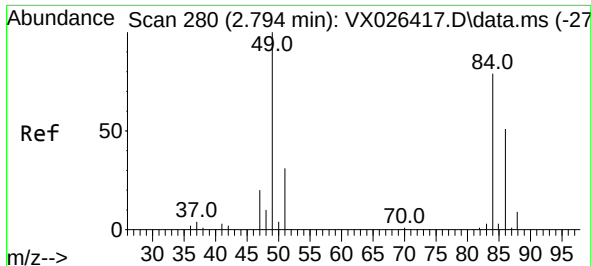
Tgt Ion: 43 Resp: 8694
Ion Ratio Lower Upper
43 100
58 31.0 23.0 34.6



#18
Methyl Acetate
Concen: 0.985 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX026743.D
Acq: 02 Feb 2022 17:43

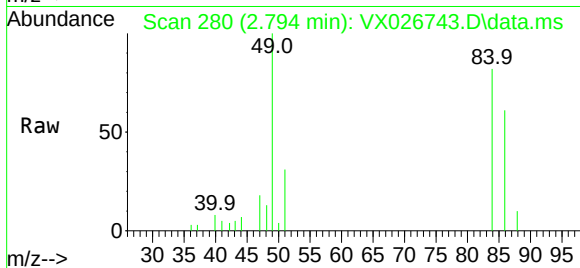
Tgt Ion: 43 Resp: 1694
Ion Ratio Lower Upper
43 100
74 19.7 18.3 27.5



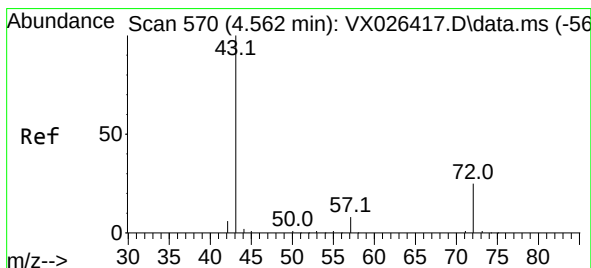
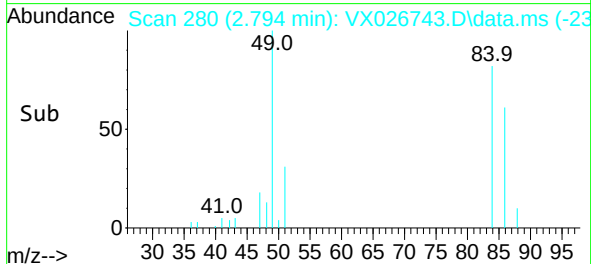
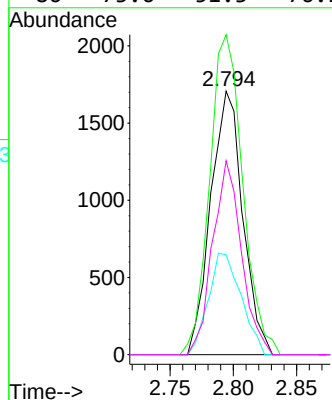


#20
Methylene Chloride
Concen: 2.104 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026743.D
Acq: 02 Feb 2022 17:43

Instrument :
MSVOA_X
ClientSampleId :
PB142421ZHE#02

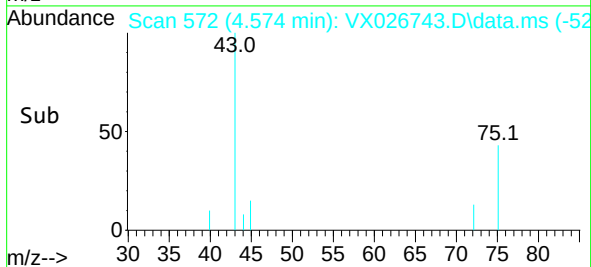
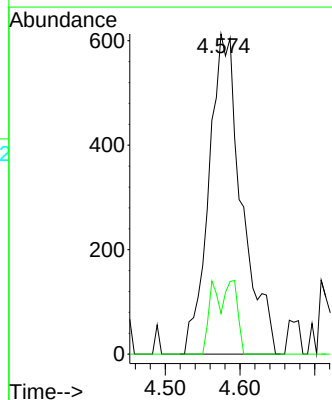
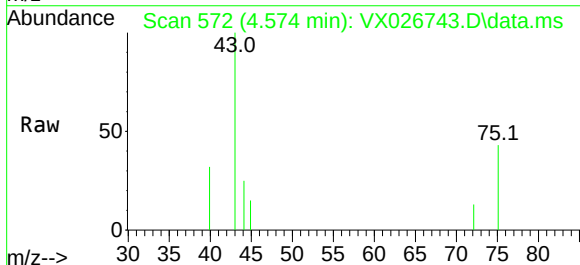


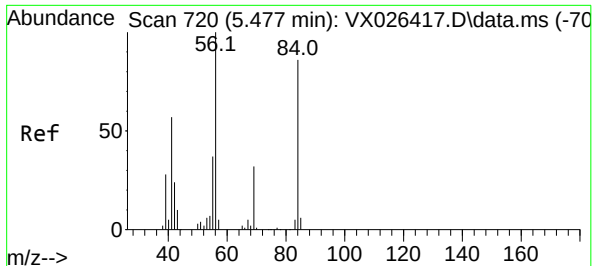
Tgt Ion: 84	Resp: 3006
Ion Ratio	Lower Upper
84 100	
49 121.4	101.5 152.3
51 37.9	31.2 46.8
86 73.6	51.3 76.9



#25
2-Butanone
Concen: 1.667 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX026743.D
Acq: 02 Feb 2022 17:43

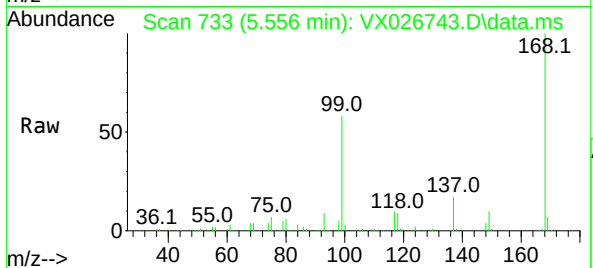
Tgt Ion: 43	Resp: 1875
Ion Ratio	Lower Upper
43 100	
72 12.7	20.4 30.6#



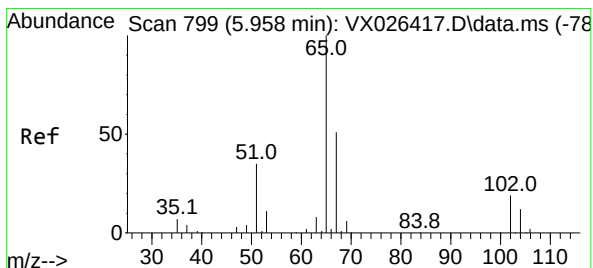
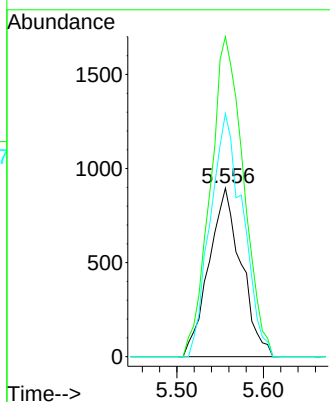
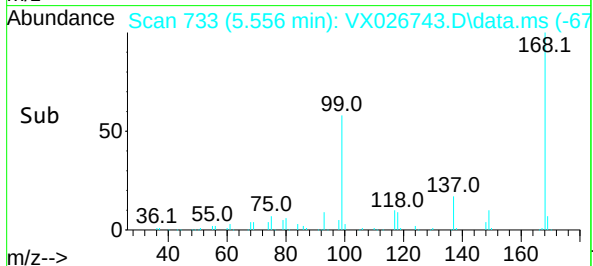


#31
Cyclohexane
Concen: 0.929 ug/l
RT: 5.556 min Scan# 711
Delta R.T. 0.079 min
Lab File: VX026743.D
Acq: 02 Feb 2022 17:43

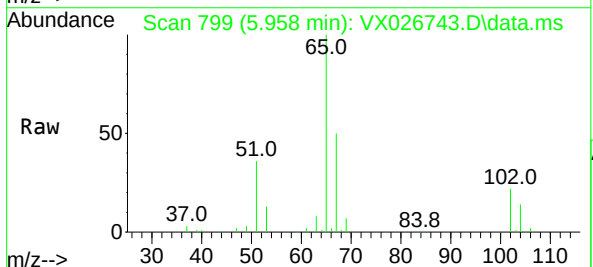
Instrument :
MSVOA_X
ClientSampleId :
PB142421ZHE#02



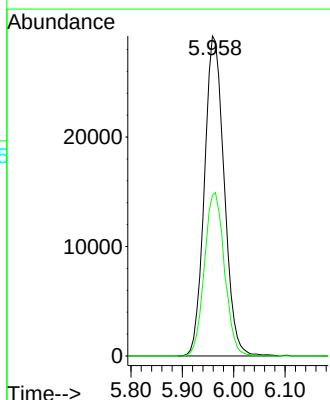
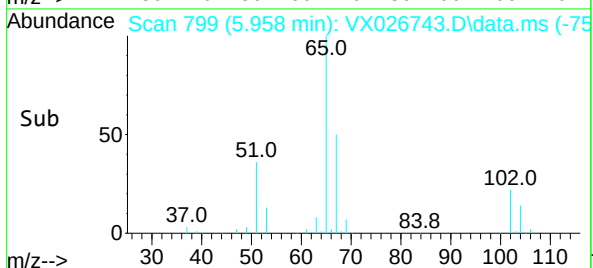
Tgt Ion: 56 Resp: 2323
Ion Ratio Lower Upper
56 100
69 189.8 25.8 38.6#
84 144.2 68.9 103.3#

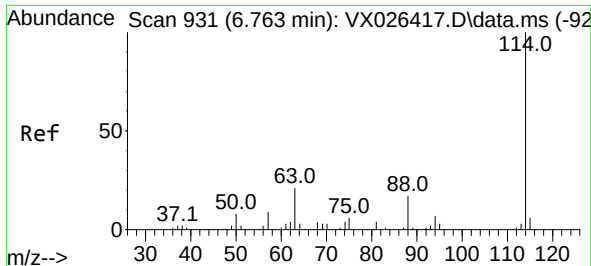


#33
1,2-Dichloroethane-d4
Concen: 46.025 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX026743.D
Acq: 02 Feb 2022 17:43



Tgt Ion: 65 Resp: 78037
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.8

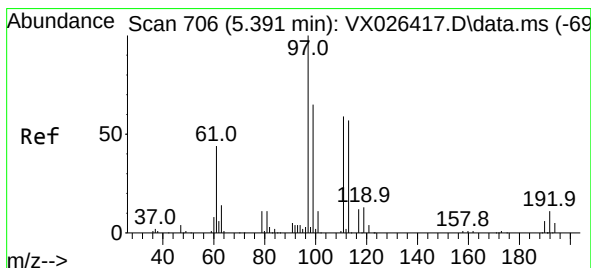
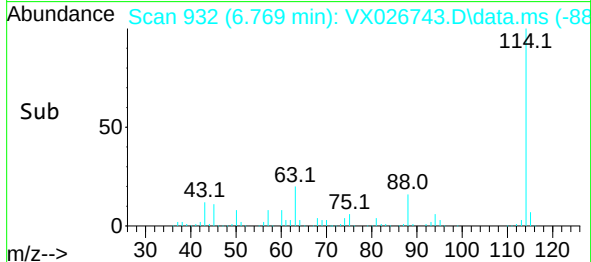
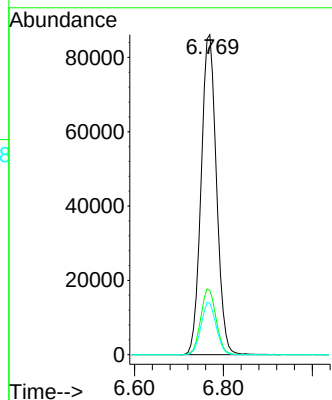
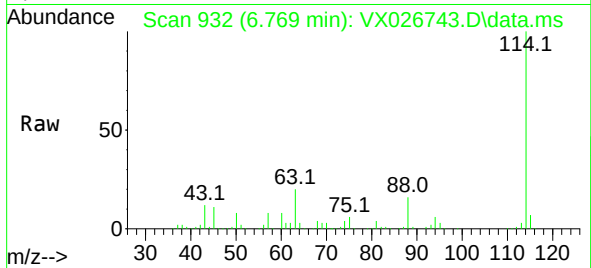




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX026743.D
Acq: 02 Feb 2022 17:43

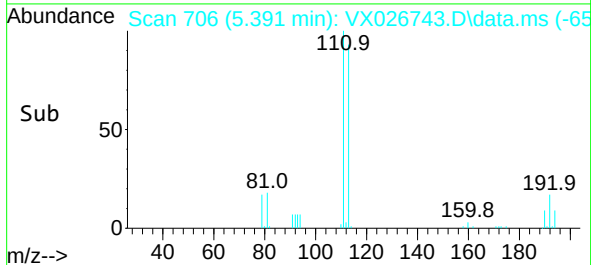
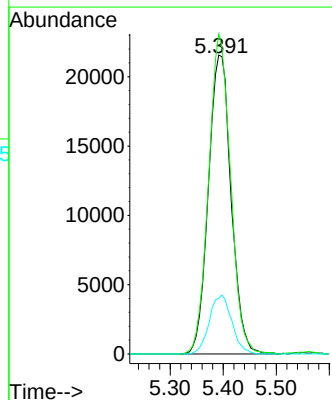
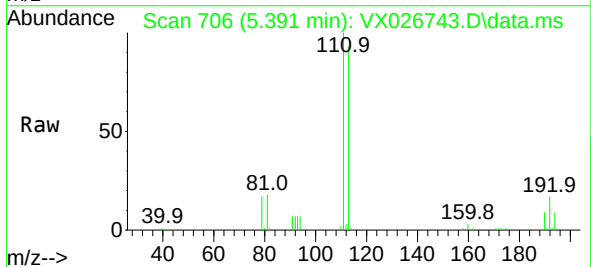
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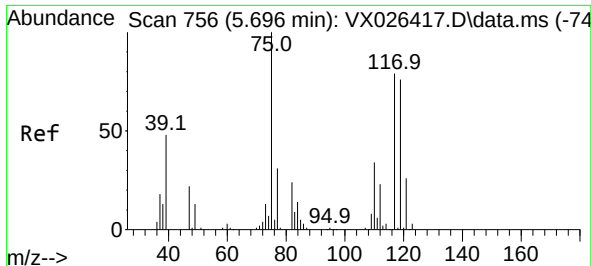
Tgt Ion:114 Resp: 206981
Ion Ratio Lower Upper
114 100
63 20.0 0.0 42.8
88 16.1 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.033 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026743.D
Acq: 02 Feb 2022 17:43

Tgt Ion:113 Resp: 64202
Ion Ratio Lower Upper
113 100
111 103.5 81.2 121.8
192 19.4 15.0 22.4

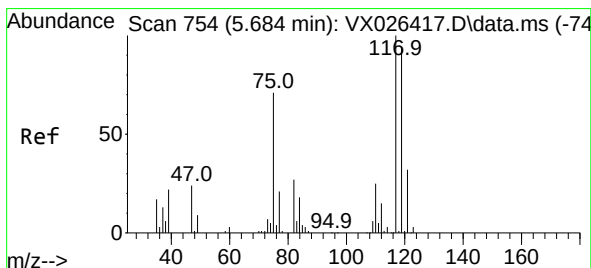
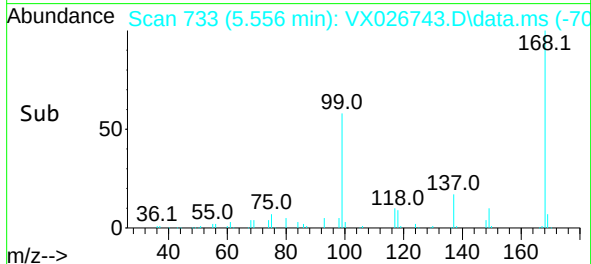
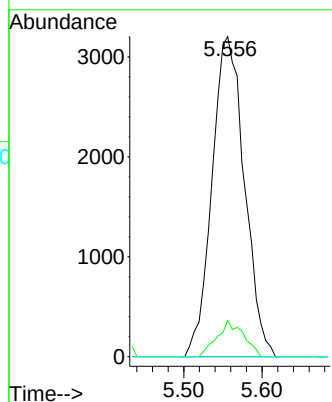
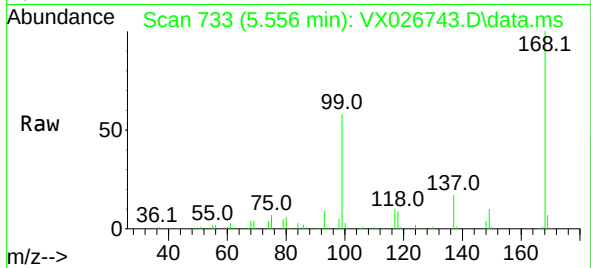




#36
1,1-Dichloropropene
Concen: 4.361 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX026743.D
Acq: 02 Feb 2022 17:43

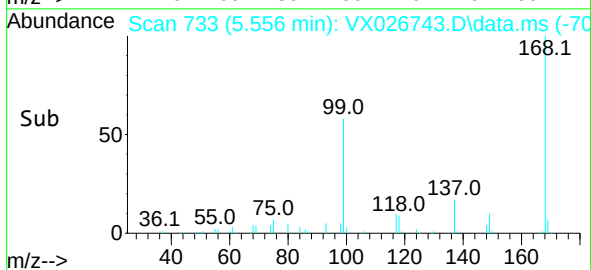
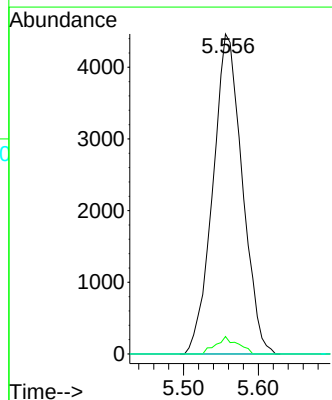
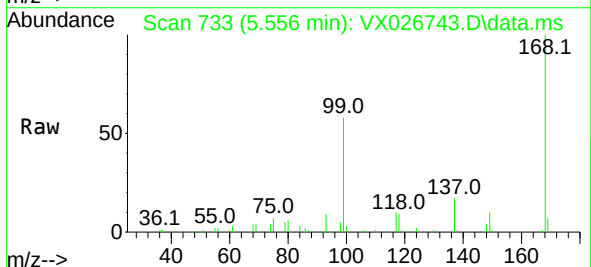
Instrument :
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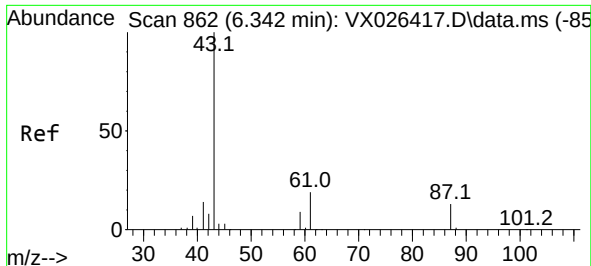
Tgt Ion: 75 Resp: 9202
Ion Ratio Lower Upper
75 100
110 9.2 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.628 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026743.D
Acq: 02 Feb 2022 17:43

Tgt Ion: 117 Resp: 12216
Ion Ratio Lower Upper
117 100
119 5.5 74.7 112.1#
121 0.0 25.4 38.0#

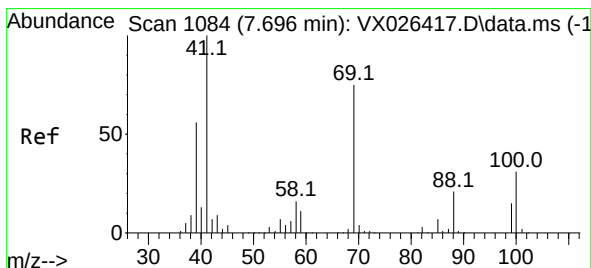
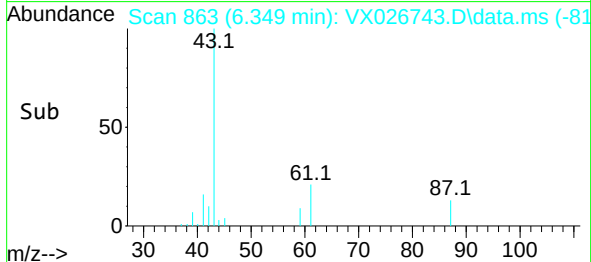
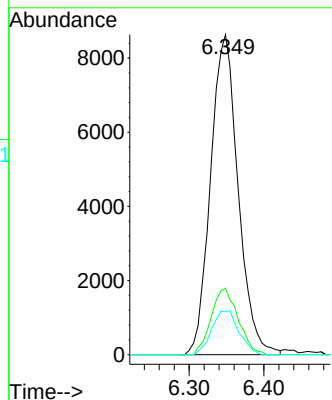
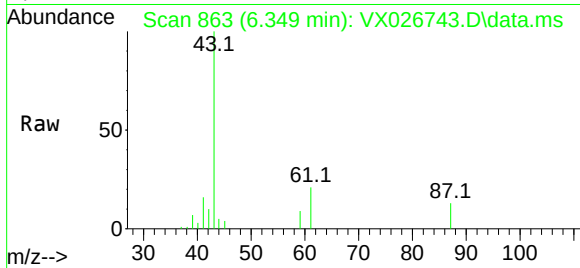




#43
Isopropyl Acetate
Concen: 6.425 ug/l
RT: 6.349 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX026743.D
Acq: 02 Feb 2022 17:43

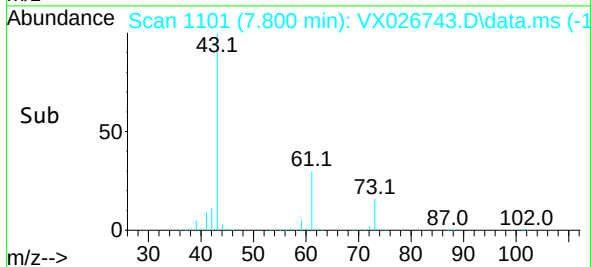
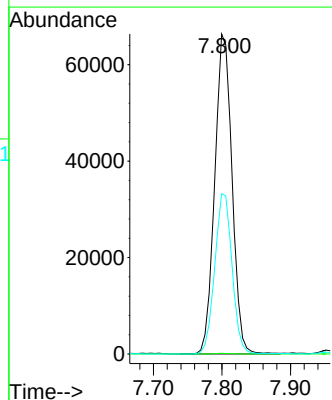
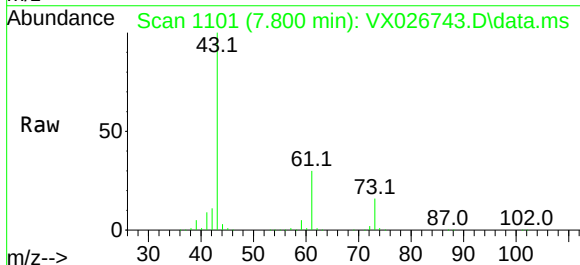
Instrument :
MSVOA_X
ClientSampleId :
PB142421ZHE#02

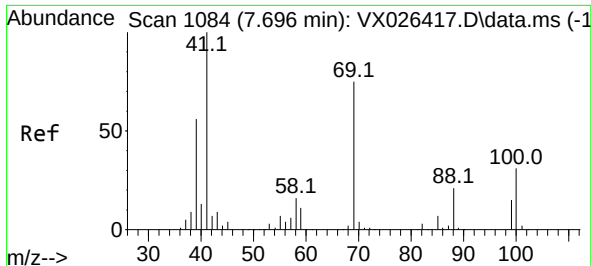
Tgt Ion: 43 Resp: 22152
Ion Ratio Lower Upper
43 100
61 20.3 15.4 23.0
87 13.5 10.2 15.2



#48
Methyl methacrylate
Concen: 68.002 ug/l
RT: 7.800 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX026743.D
Acq: 02 Feb 2022 17:43

Tgt Ion: 41 Resp: 116195
Ion Ratio Lower Upper
41 100
69 0.2 62.2 93.4#
39 50.2 45.4 68.0





#49

1,4-Dioxane

Concen: 4.707 ug/l

RT: 7.806 min Scan# 1102

Delta R.T. 0.110 min

Lab File: VX026743.D

Acq: 02 Feb 2022 17:43

Instrument :

MSVOA_X

ClientSampleId :

PB142421ZHE#02

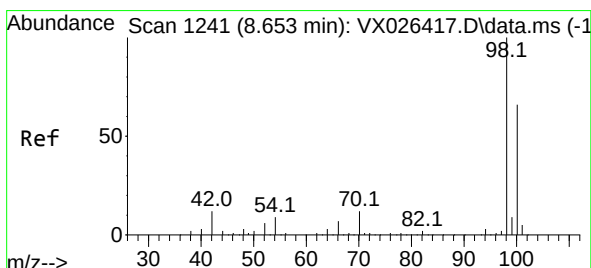
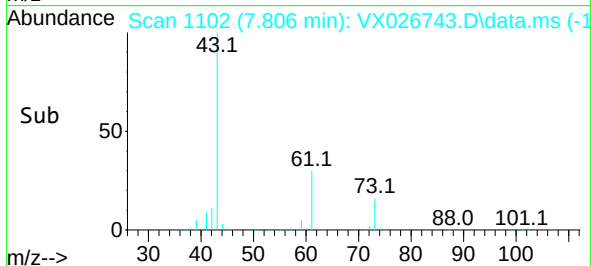
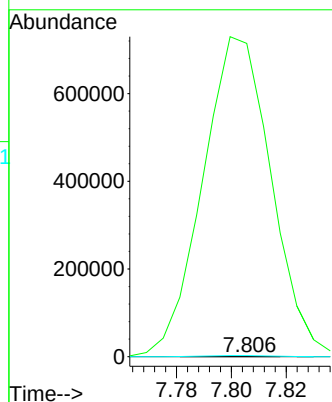
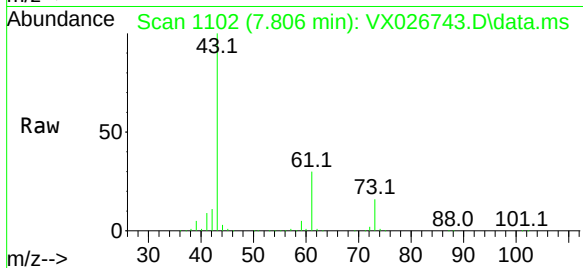
Tgt Ion: 88 Resp: 132

Ion Ratio Lower Upper

88 100

43 968171.2 29.9 44.9#

58 3558.3 57.8 86.6#



#50

Toluene-d8

Concen: 49.199 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX026743.D

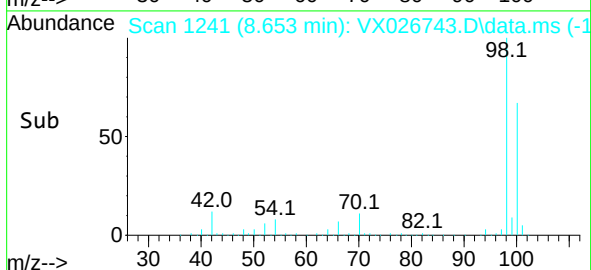
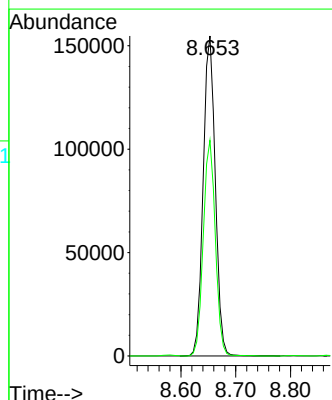
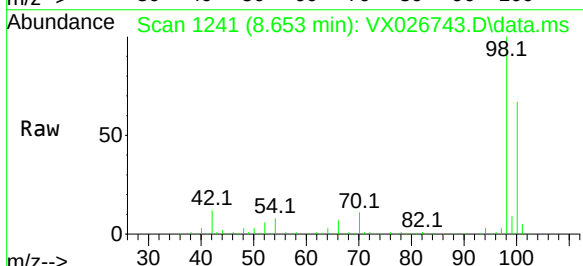
Acq: 02 Feb 2022 17:43

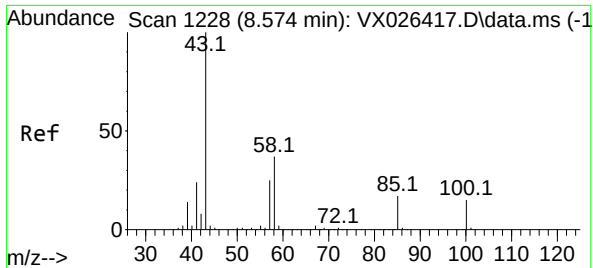
Tgt Ion: 98 Resp: 236970

Ion Ratio Lower Upper

98 100

100 67.1 53.2 79.8

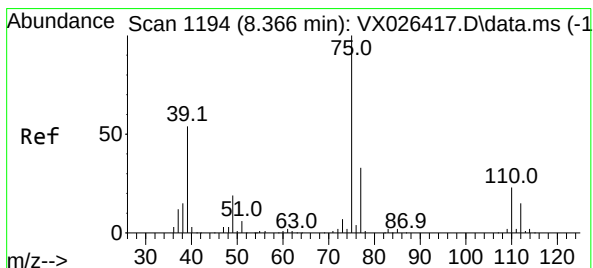
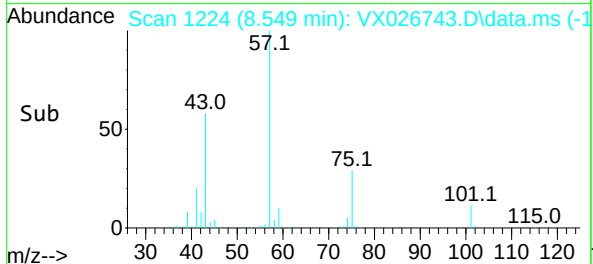
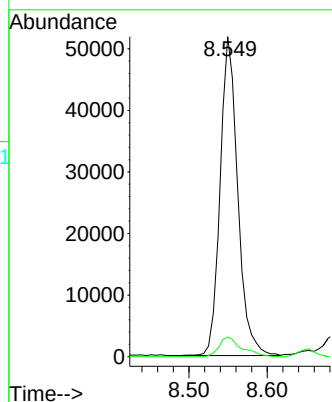
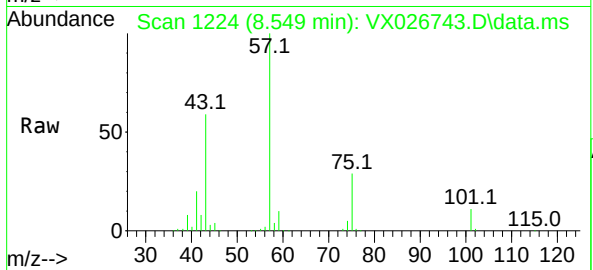




#51
4-Methyl-2-Pentanone
Concen: 39.622 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX026743.D
Acq: 02 Feb 2022 17:43

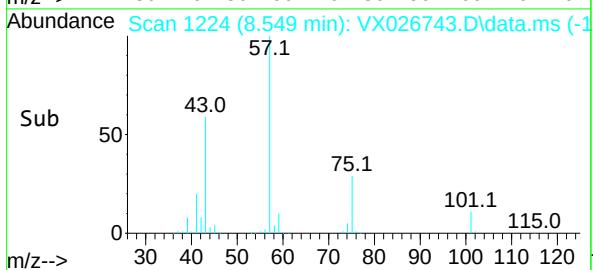
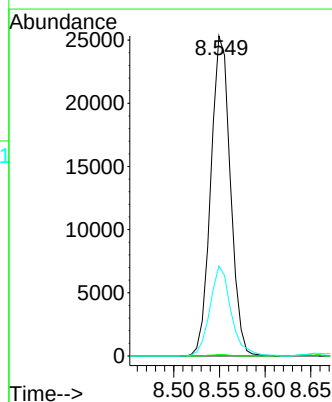
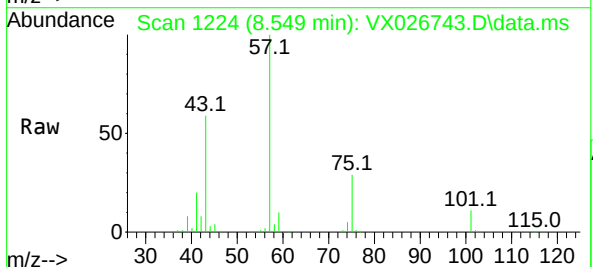
Instrument :
MSVOA_X
ClientSampleId :
PB142421ZHE#02

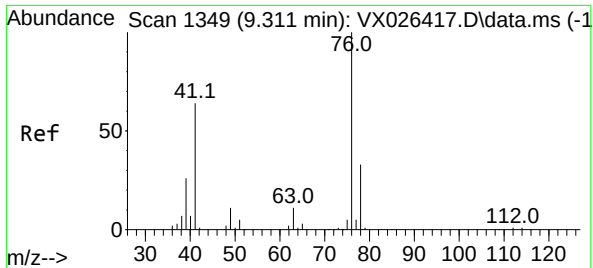
Tgt Ion: 43 Resp: 81030
Ion Ratio Lower Upper
43 100
58 7.8 30.5 45.7#



#54
cis-1,3-Dichloropropene
Concen: 16.977 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX026743.D
Acq: 02 Feb 2022 17:43

Tgt Ion: 75 Resp: 37810
Ion Ratio Lower Upper
75 100
77 0.5 26.2 39.2#
39 28.1 43.5 65.3#

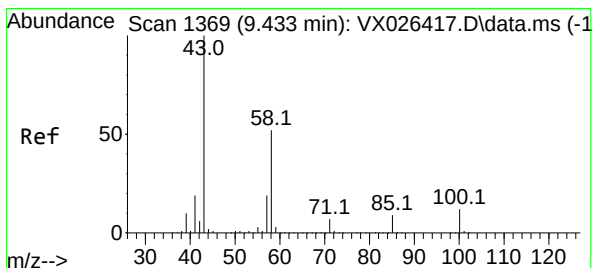
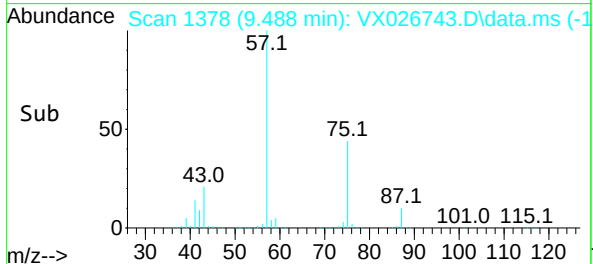
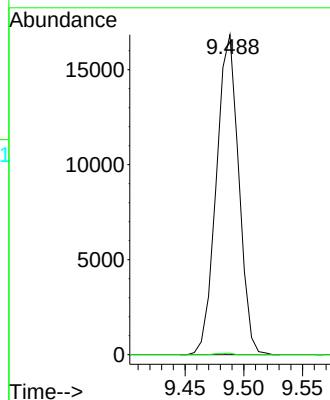
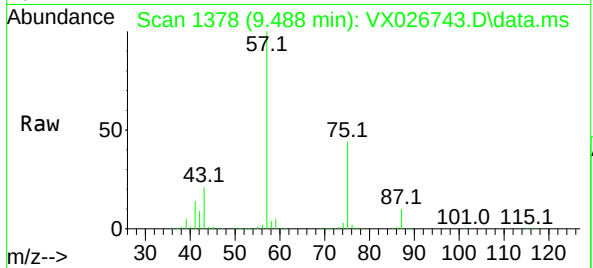




#57
1,3-Dichloropropane
Concen: 9.235 ug/l
RT: 9.488 min Scan# 11
Delta R.T. 0.177 min
Lab File: VX026743.D
Acq: 02 Feb 2022 17:43

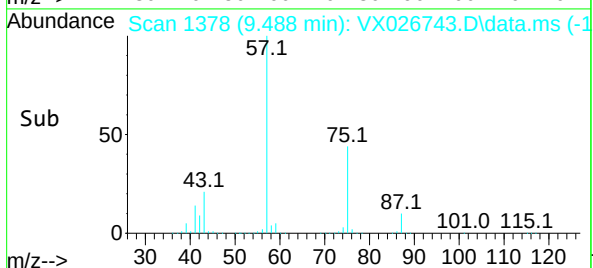
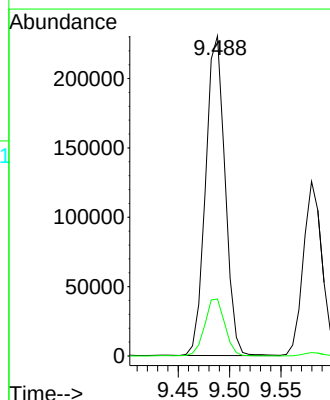
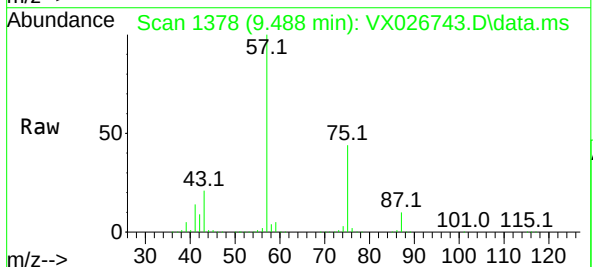
Instrument :
MSVOA_X
ClientSampleId :
PB142421ZHE#02

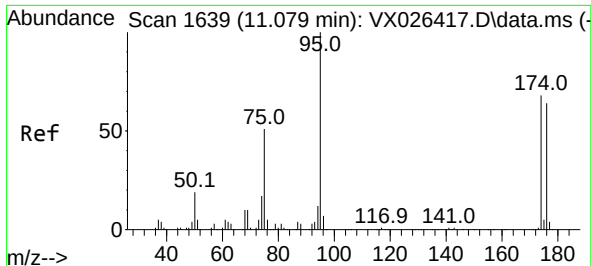
Tgt Ion: 76 Resp: 22345
Ion Ratio Lower Upper
76 100
78 0.3 25.7 38.5#



#59
2-Hexanone
Concen: 193.549 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX026743.D
Acq: 02 Feb 2022 17:43

Tgt Ion: 43 Resp: 302951
Ion Ratio Lower Upper
43 100
58 18.5 26.4 79.2#

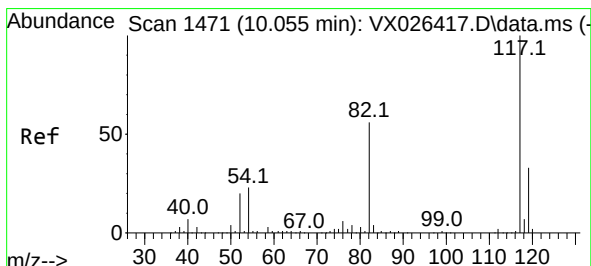
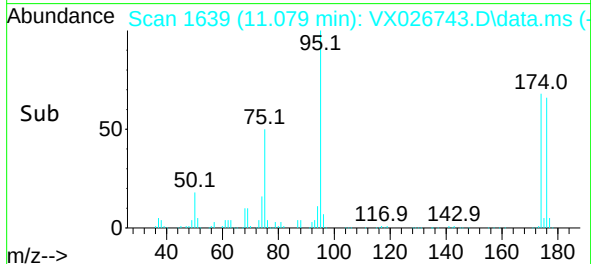
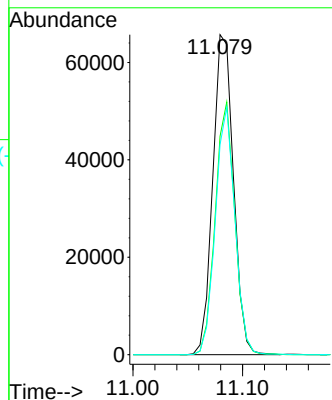
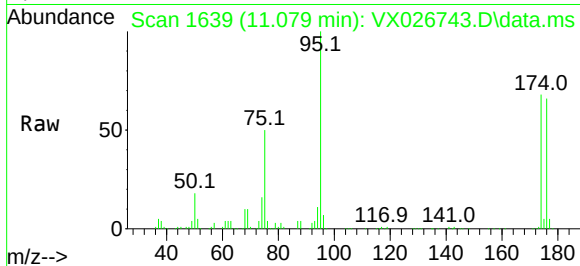




#62
4-Bromofluorobenzene
Concen: 50.359 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026743.D
Acq: 02 Feb 2022 17:43

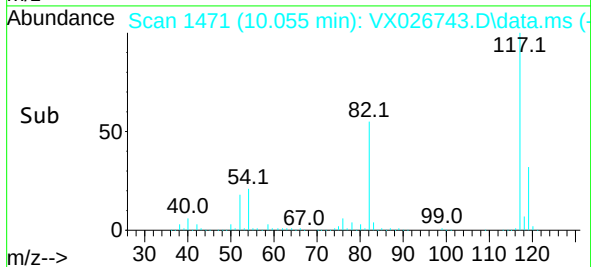
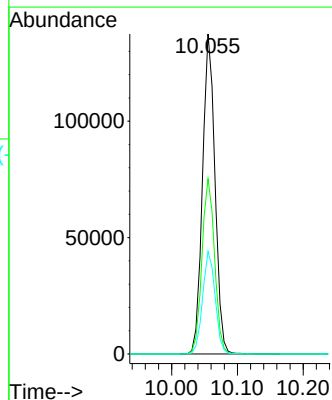
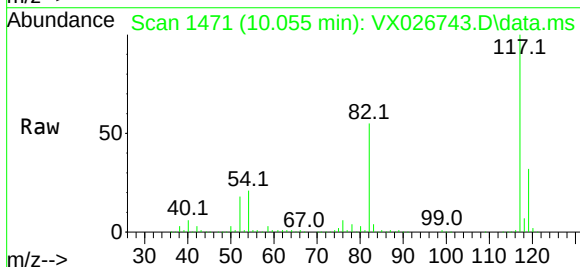
Instrument :
MSVOA_X
ClientSampleId :
PB142421ZHE#02

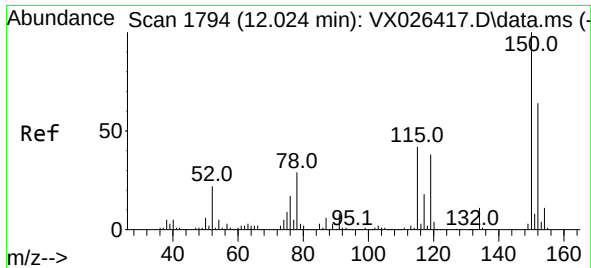
Tgt Ion: 95 Resp: 86166
Ion Ratio Lower Upper
95 100
174 74.9 0.0 148.6
176 73.1 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026743.D
Acq: 02 Feb 2022 17:43

Tgt Ion: 117 Resp: 181116
Ion Ratio Lower Upper
117 100
82 54.8 45.2 67.8
119 32.1 26.2 39.2

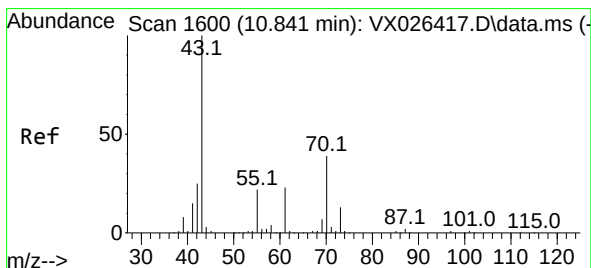
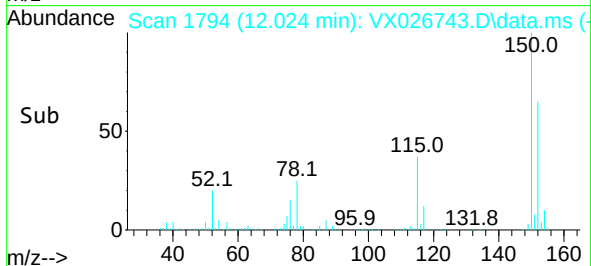
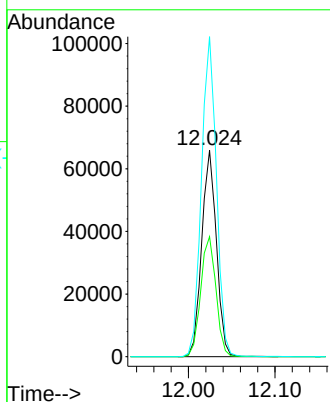
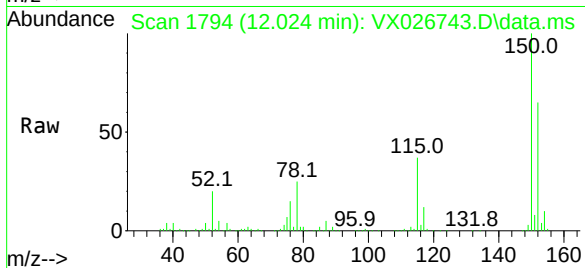




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026743.D
Acq: 02 Feb 2022 17:43

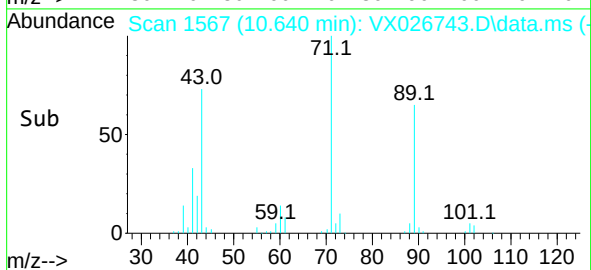
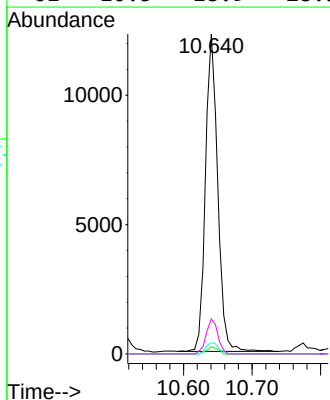
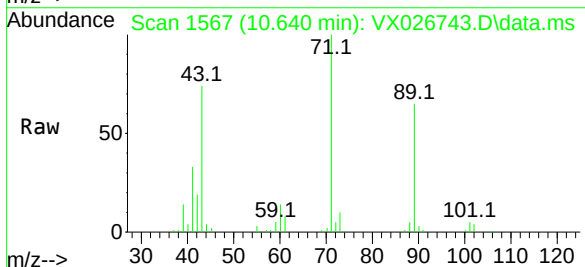
Instrument :
MSVOA_X
ClientSampleId :
PB142421ZHE#02

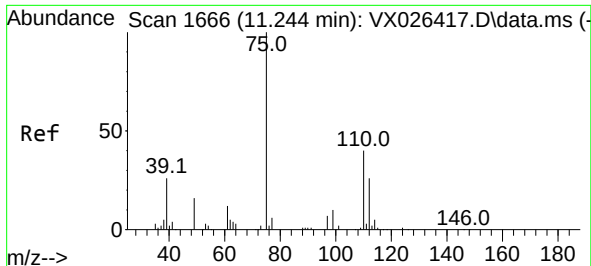
Tgt Ion:152 Resp: 77751
Ion Ratio Lower Upper
152 100
115 60.2 44.2 132.6
150 158.0 0.0 348.2



#74
N-ethyl acetate
Concen: 6.200 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.201 min
Lab File: VX026743.D
Acq: 02 Feb 2022 17:43

Tgt Ion: 43 Resp: 15255
Ion Ratio Lower Upper
43 100
70 2.1 32.9 49.3#
55 3.6 18.3 27.5#
61 10.5 18.9 28.3#

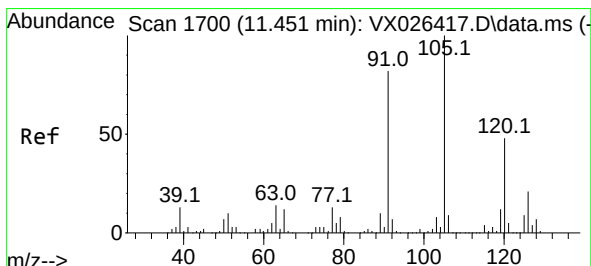
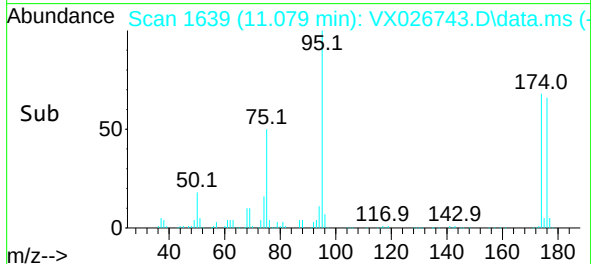
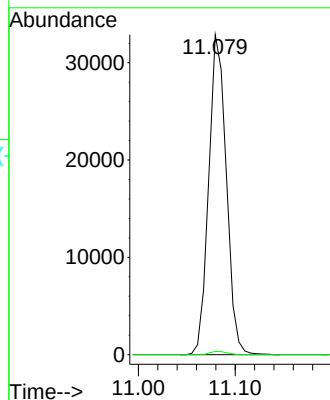
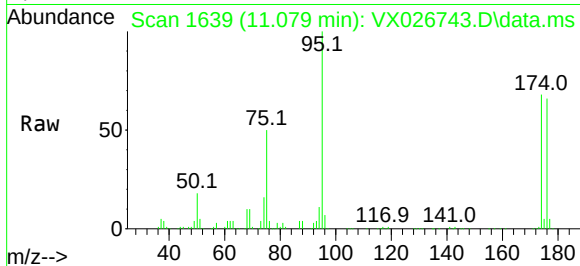




#76
1,2,3-Trichloropropane
Concen: 24.350 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.164 min
Lab File: VX026743.D
Acq: 02 Feb 2022 17:43

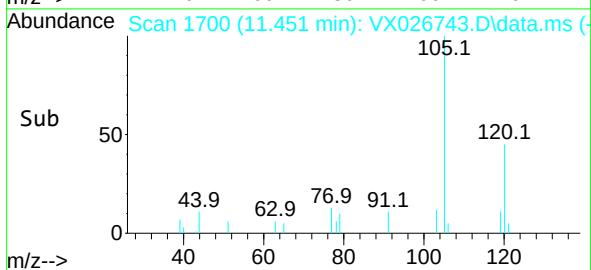
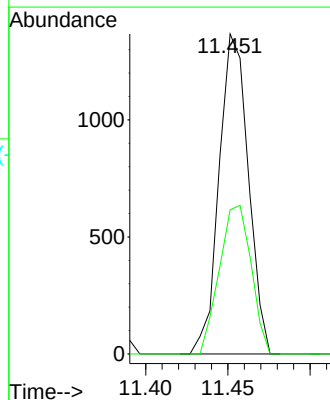
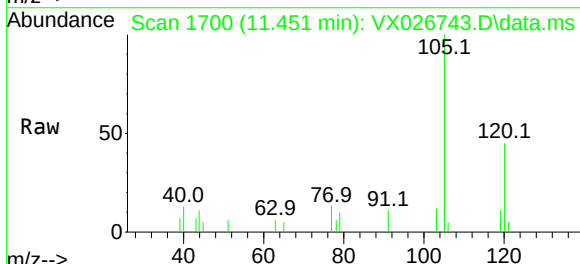
Instrument :
MSVOA_X
ClientSampleId :
PB142421ZHE#02

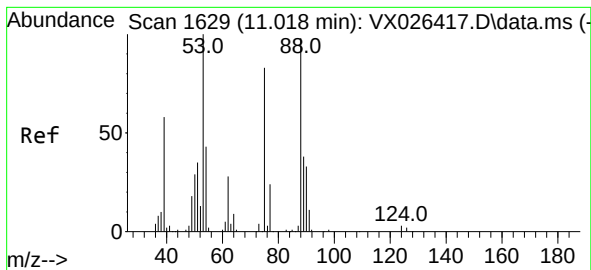
Tgt Ion: 75 Resp: 41685
Ion Ratio Lower Upper
75 100
77 1.0 18.3 54.8#



#80
1,3,5-Trimethylbenzene
Concen: 0.322 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX026743.D
Acq: 02 Feb 2022 17:43

Tgt Ion: 105 Resp: 1690
Ion Ratio Lower Upper
105 100
120 50.5 24.0 72.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.144 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026743.D
 Acq: 02 Feb 2022 17:43

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142421ZHE#02

Tgt Ion: 75 Resp: 41685
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

