

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032323\
 Data File : VX034693.D
 Acq On : 23 Mar 2023 13:10
 Operator : JC/MD
 Sample : PB151618
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB151618TB

Quant Time: Mar 24 05:43:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

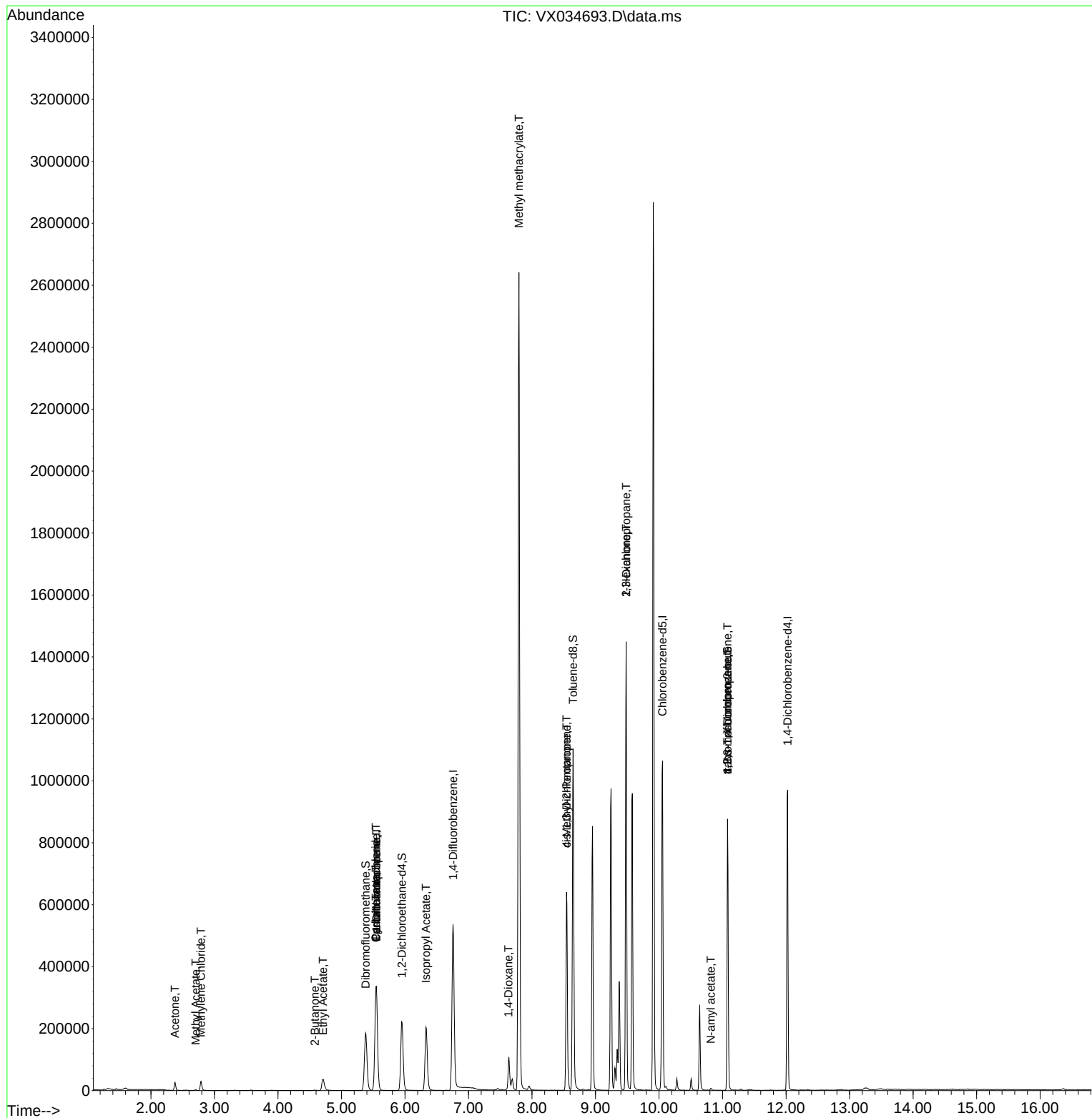
Internal Standards						
1) Pentafluorobenzene	5.550	168	314851	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	523595	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	463384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	197300	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	223565	48.809	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.620%
35) Dibromofluoromethane	5.379	113	162478	46.999	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.000%
50) Toluene-d8	8.647	98	629858	48.806	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.620%
62) 4-Bromofluorobenzene	11.079	95	235745	45.225	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.440%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	265	Below Cal	#	42
16) Acetone	2.380	43	28175	13.058	ug/l	96
18) Methyl Acetate	2.703	43	2841	0.403	ug/l	95
20) Methylene Chloride	2.788	84	13081	3.124	ug/l	98
25) 2-Butanone	4.580	43	2486	0.805	ug/l	99
31) Cyclohexane	5.544	56	7351	1.144	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	26864	5.059	ug/l	# 51
37) Ethyl Acetate	4.708	43	67572	11.649	ug/l	98
38) Carbon Tetrachloride	5.544	117	33406	6.324	ug/l	# 17
43) Isopropyl Acetate	6.330	43	280633	28.558	ug/l	100
48) Methyl methacrylate	7.793	41	233230	49.348	ug/l	# 45
49) 1,4-Dioxane	7.629	88	57	0.574	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.543	43	227415	39.893	ug/l	# 49
54) cis-1,3-Dichloropropene	8.543	75	99853	15.352	ug/l	# 58
57) 1,3-Dichloropropane	9.482	76	11653	1.718	ug/l	# 43
59) 2-Hexanone	9.482	43	175880	39.912	ug/l	# 52
74) N-amyl acetate	10.817	43	2302	0.315	ug/l	# 56
76) 1,2,3-Trichloropropane	11.079	75	123400	27.239	ug/l	# 34
81) trans-1,4-Dichloro-2-b...	11.079	75	123400	73.690	ug/l	# 8

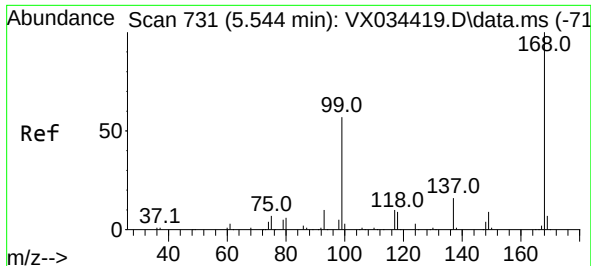
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 24 05:43:04 2023
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Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

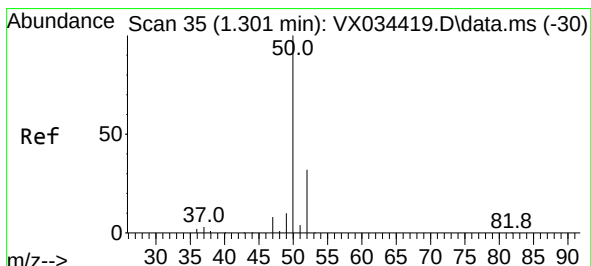
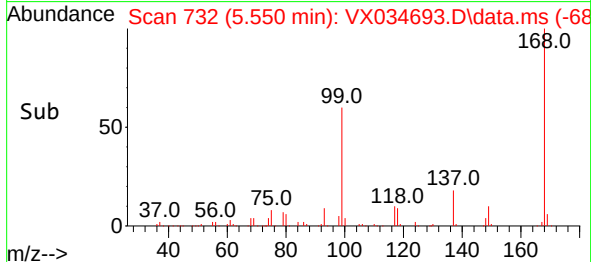
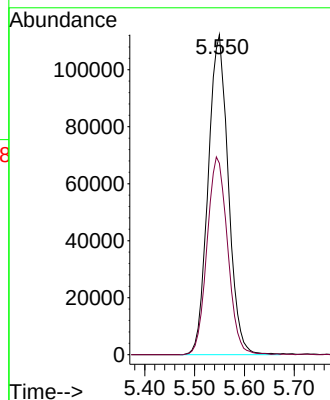
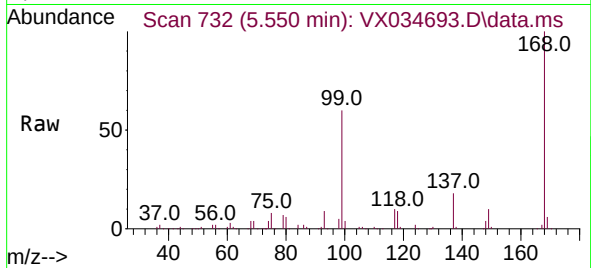




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034693.D
Acq: 23 Mar 2023 13:10

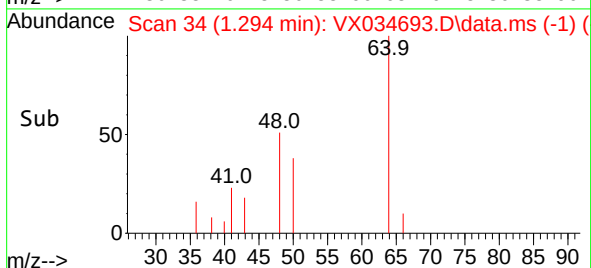
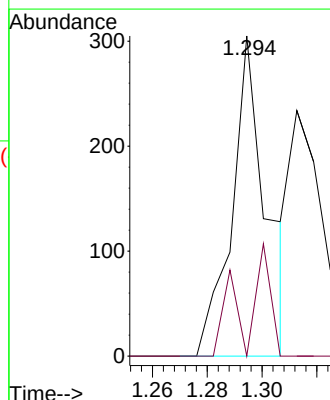
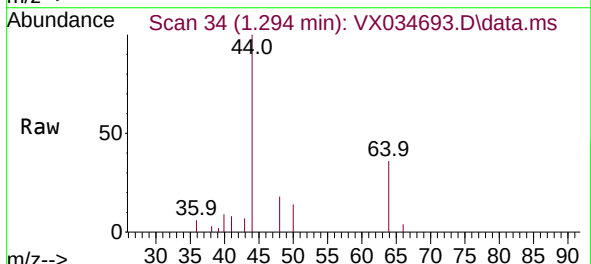
Instrument :
MSVOA_X
ClientSampleId :
PB151618TB

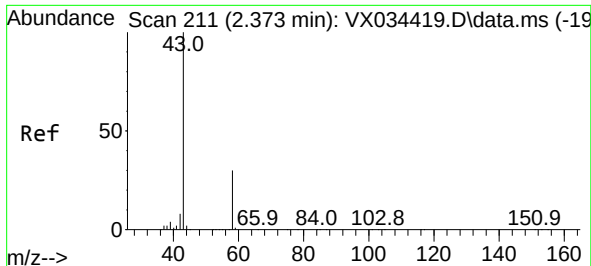
Tgt Ion:168 Resp: 314851
Ion Ratio Lower Upper
168 100
99 59.8 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX034693.D
Acq: 23 Mar 2023 13:10

Tgt Ion: 50 Resp: 265
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

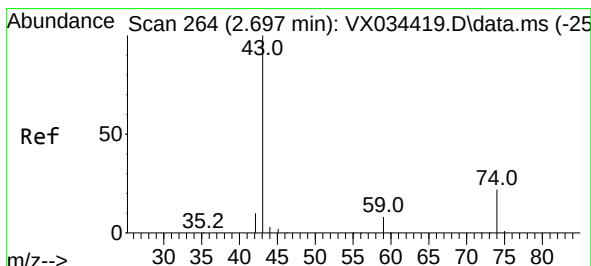
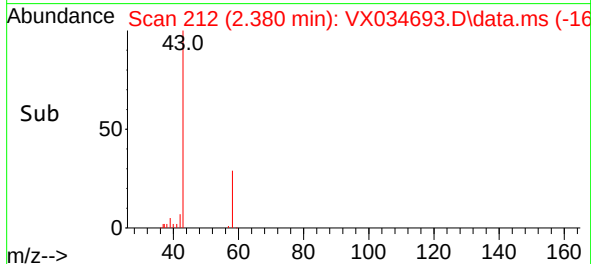
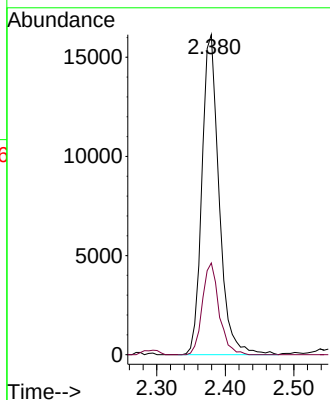
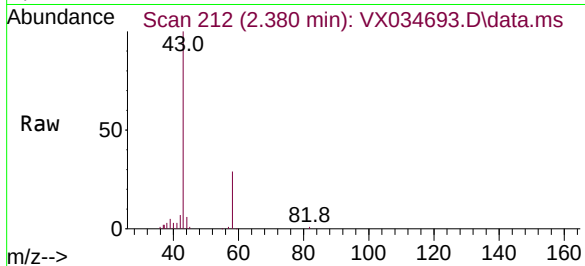




#16
Acetone
Concen: 13.058 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034693.D
Acq: 23 Mar 2023 13:10

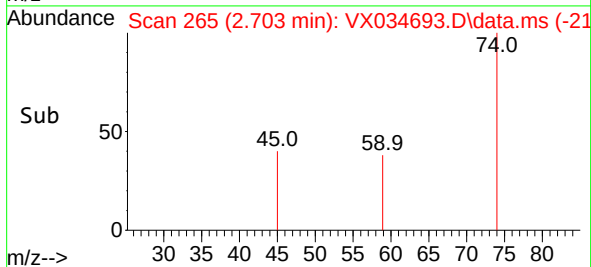
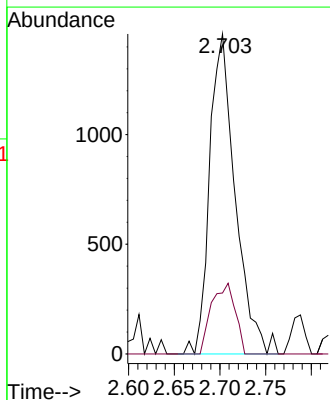
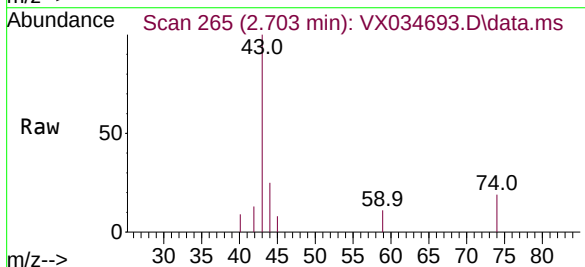
Instrument :
MSVOA_X
ClientSampleId :
PB151618TB

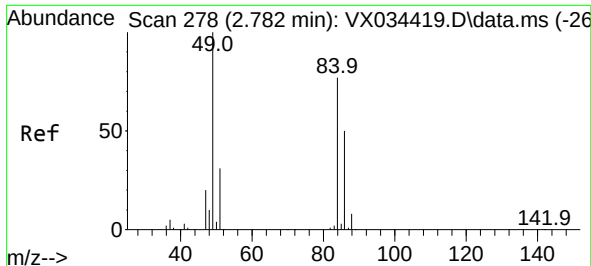
Tgt Ion: 43 Resp: 28175
Ion Ratio Lower Upper
43 100
58 28.6 24.7 37.1



#18
Methyl Acetate
Concen: 0.403 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX034693.D
Acq: 23 Mar 2023 13:10

Tgt Ion: 43 Resp: 2841
Ion Ratio Lower Upper
43 100
74 20.4 18.3 27.5

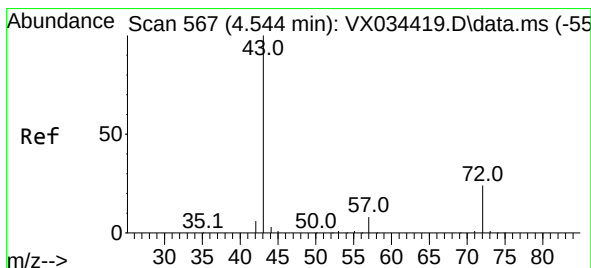
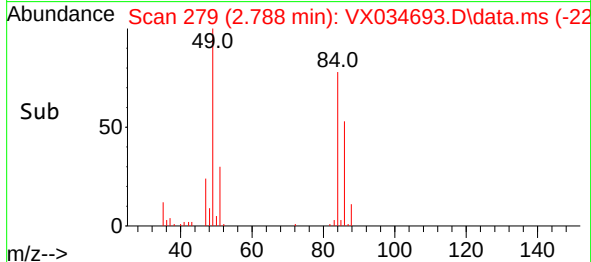
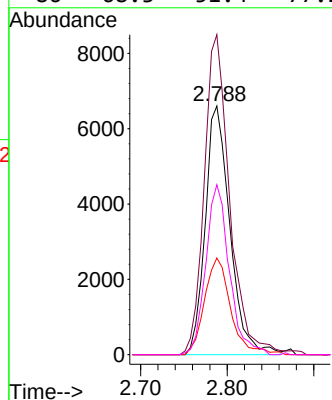
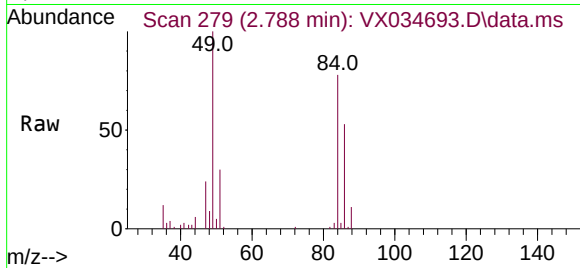




#20
Methylene Chloride
Concen: 3.124 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034693.D
Acq: 23 Mar 2023 13:10

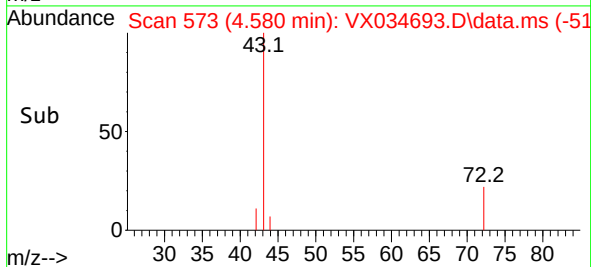
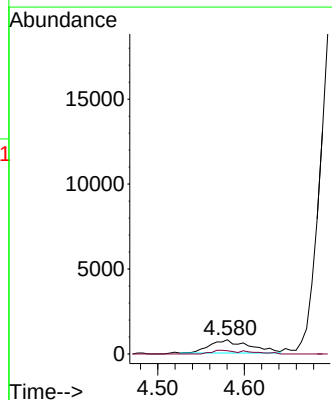
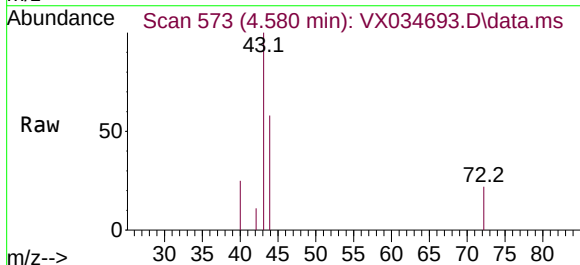
Instrument :
MSVOA_X
ClientSampleId :
PB151618TB

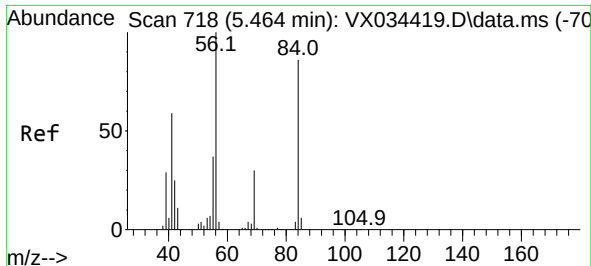
Tgt Ion:	84	Resp:	13081
Ion	Ratio	Lower	Upper
84	100		
49	128.7	103.8	155.8
51	38.9	31.8	47.8
86	68.3	51.4	77.2



#25
2-Butanone
Concen: 0.805 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.037 min
Lab File: VX034693.D
Acq: 23 Mar 2023 13:10

Tgt Ion:	43	Resp:	2486
Ion	Ratio	Lower	Upper
43	100		
72	23.7	19.3	28.9

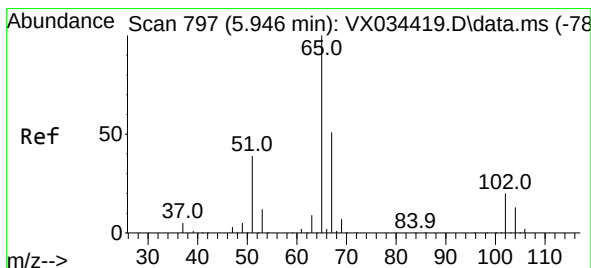
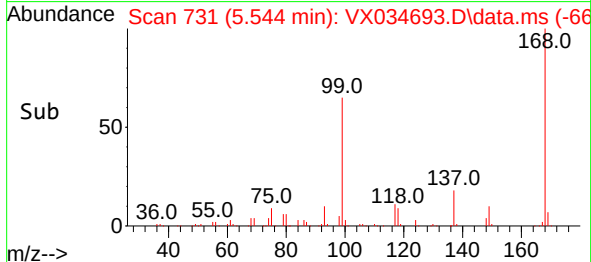
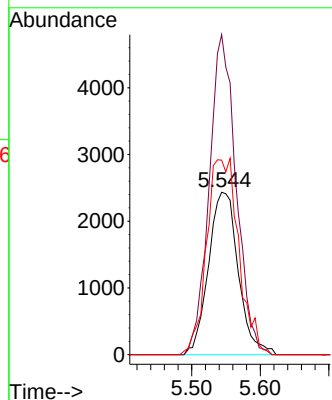
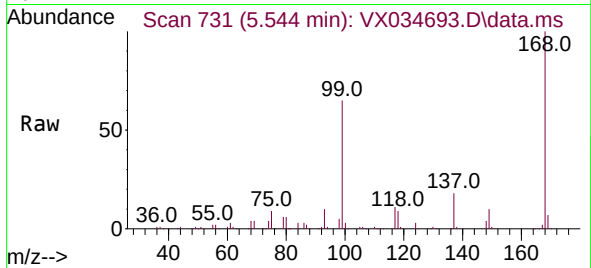




#31
Cyclohexane
Concen: 1.144 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX034693.D
Acq: 23 Mar 2023 13:10

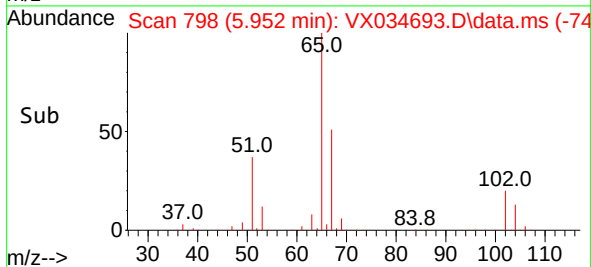
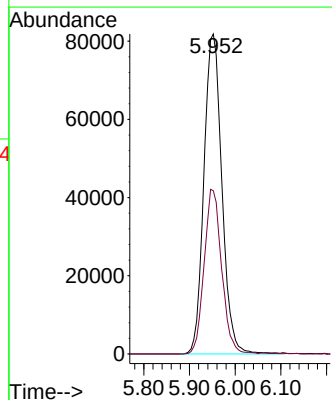
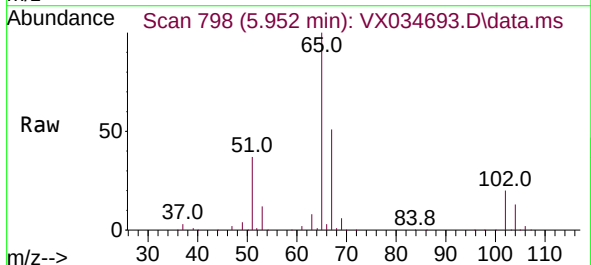
Instrument :
MSVOA_X
ClientSampleId :
PB151618TB

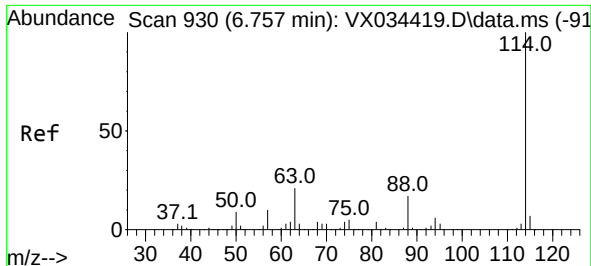
Tgt Ion: 56 Resp: 7351
Ion Ratio Lower Upper
56 100
69 197.0 23.7 35.5#
84 119.8 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 48.809 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034693.D
Acq: 23 Mar 2023 13:10

Tgt Ion: 65 Resp: 223565
Ion Ratio Lower Upper
65 100
67 50.0 0.0 104.0

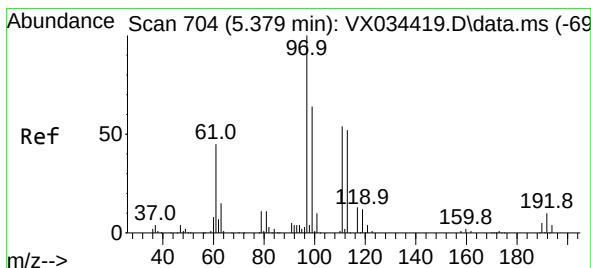
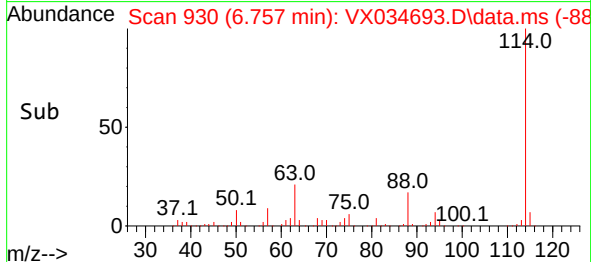
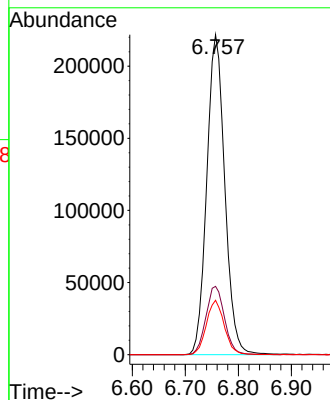
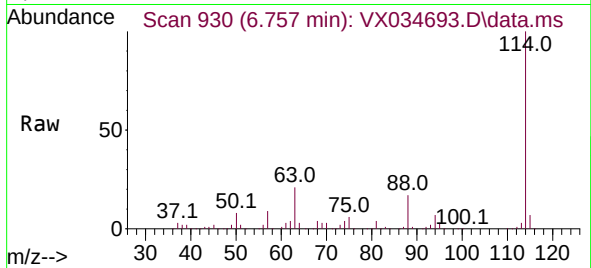




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX034693.D
Acq: 23 Mar 2023 13:10

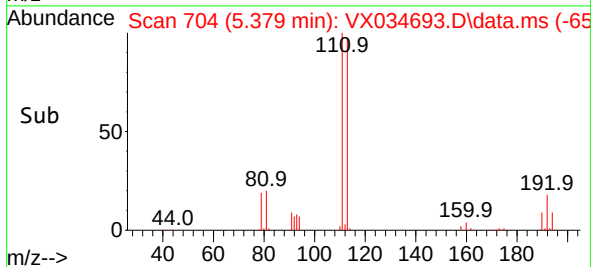
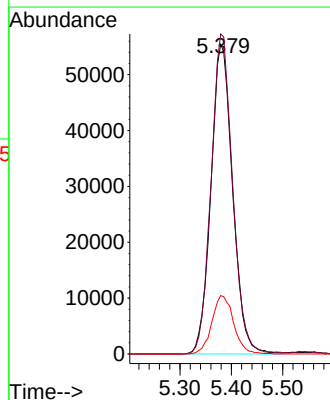
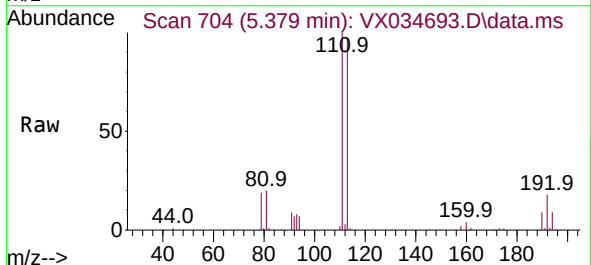
Instrument :
MSVOA_X
ClientSampleId :
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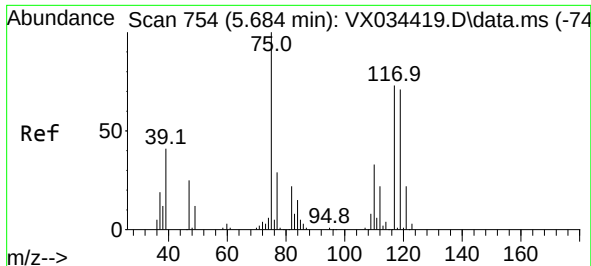
Tgt Ion:114 Resp: 523595
Ion Ratio Lower Upper
114 100
63 21.4 0.0 42.2
88 17.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 46.999 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX034693.D
Acq: 23 Mar 2023 13:10

Tgt Ion:113 Resp: 162478
Ion Ratio Lower Upper
113 100
111 102.8 83.7 125.5
192 18.9 15.4 23.2





#36

1,1-Dichloropropene

Concen: 5.059 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX034693.D

Acq: 23 Mar 2023 13:10

Instrument :

MSVOA_X

ClientSampleId :

PB151618TB

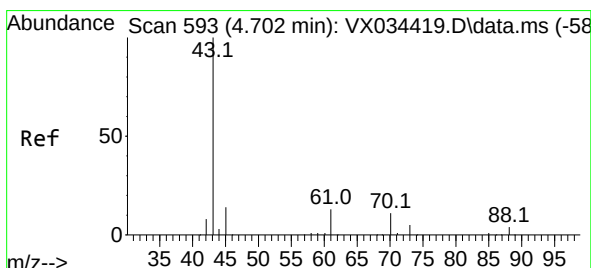
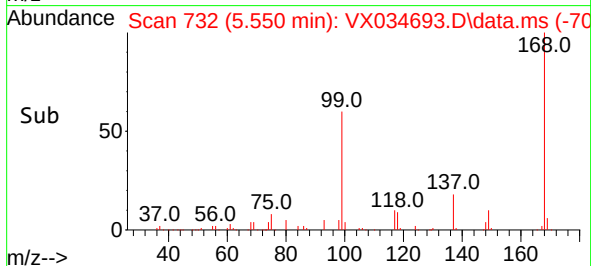
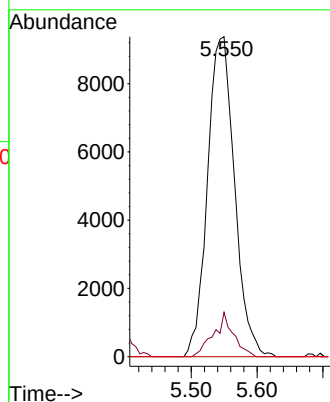
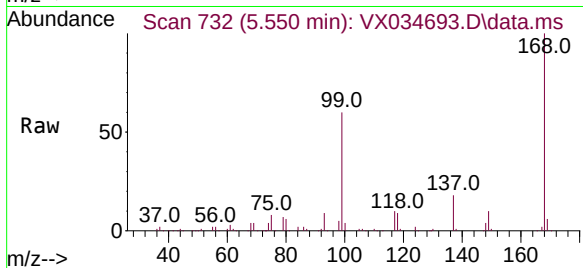
Tgt Ion: 75 Resp: 26864

Ion Ratio Lower Upper

75 100

110 10.2 17.5 52.5#

77 0.0 24.3 36.5#



#37

Ethyl Acetate

Concen: 11.649 ug/l

RT: 4.708 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX034693.D

Acq: 23 Mar 2023 13:10

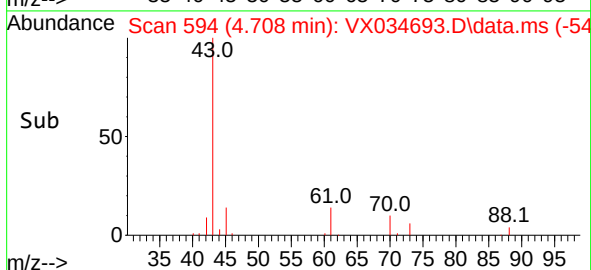
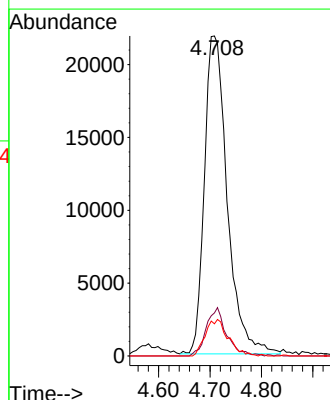
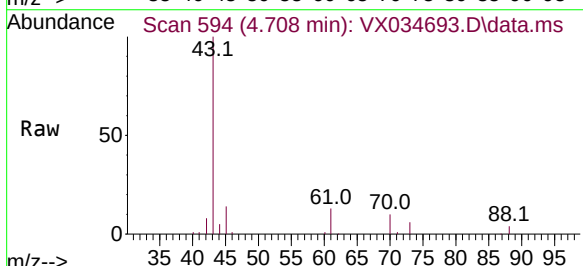
Tgt Ion: 43 Resp: 67572

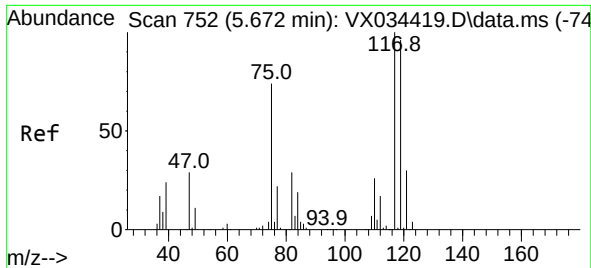
Ion Ratio Lower Upper

43 100

61 13.2 10.2 15.4

70 11.4 8.2 12.4

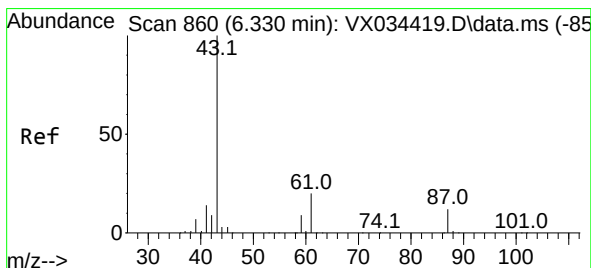
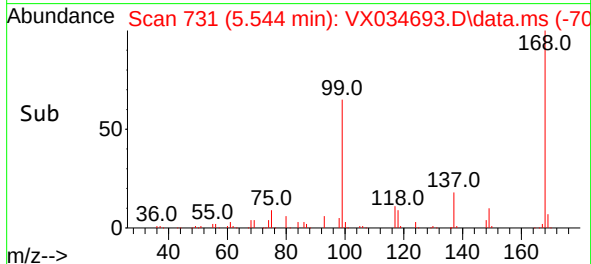
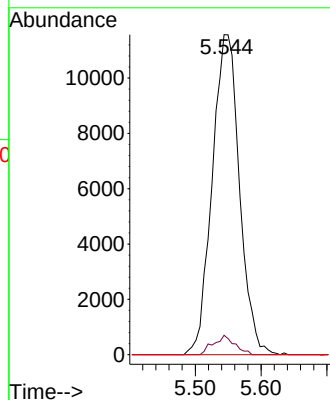
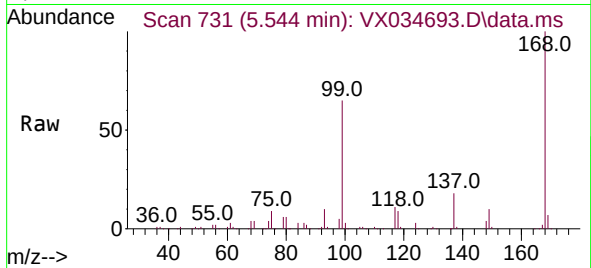




#38
Carbon Tetrachloride
Concen: 6.324 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX034693.D
Acq: 23 Mar 2023 13:10

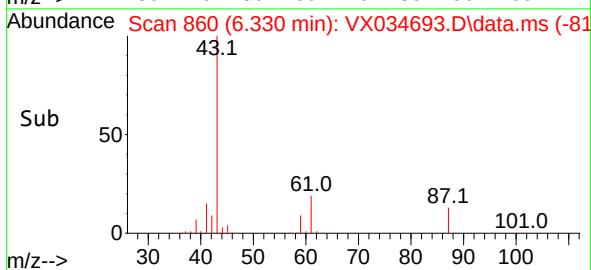
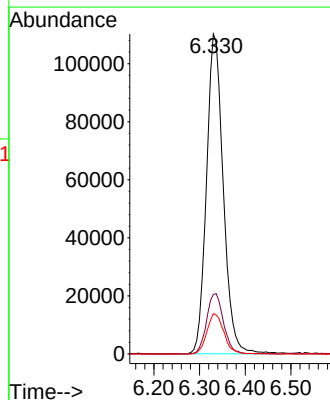
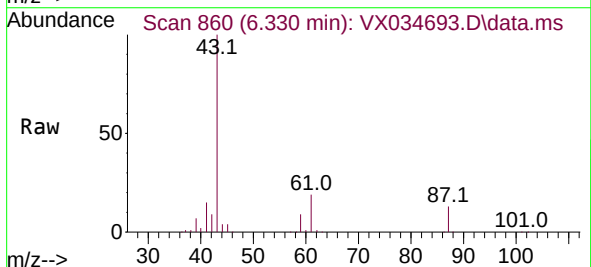
Instrument :
MSVOA_X
ClientSampleId :
PB151618TB

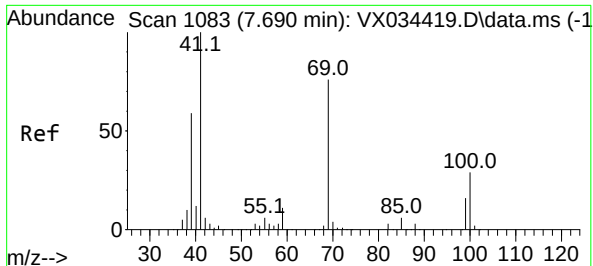
Tgt Ion:117 Resp: 33406
Ion Ratio Lower Upper
117 100
119 6.0 76.6 114.8#
121 0.0 23.8 35.6#



#43
Isopropyl Acetate
Concen: 28.558 ug/l
RT: 6.330 min Scan# 860
Delta R.T. 0.000 min
Lab File: VX034693.D
Acq: 23 Mar 2023 13:10

Tgt Ion: 43 Resp: 280633
Ion Ratio Lower Upper
43 100
61 19.0 15.2 22.8
87 12.7 9.8 14.8

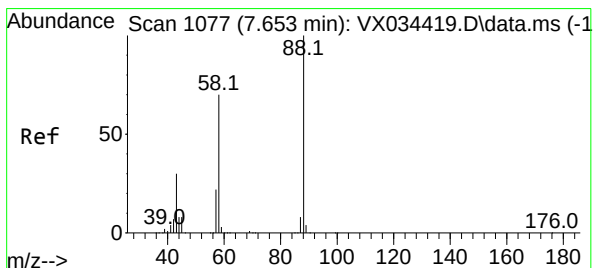
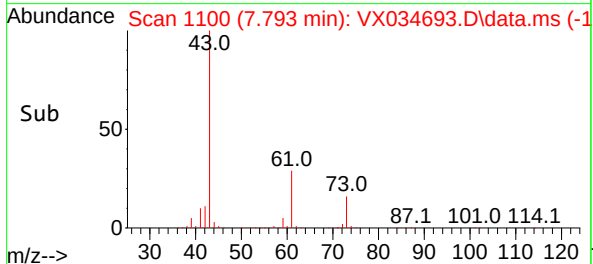
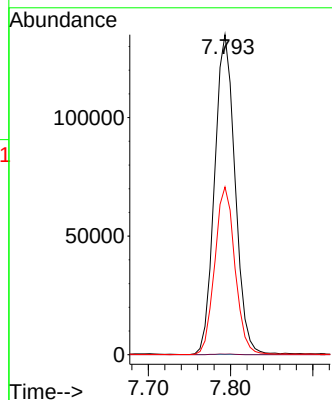
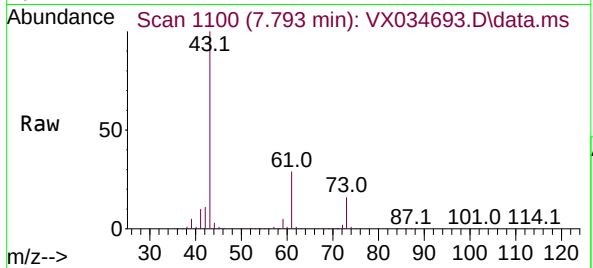




#48
Methyl methacrylate
Concen: 49.348 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX034693.D
Acq: 23 Mar 2023 13:10

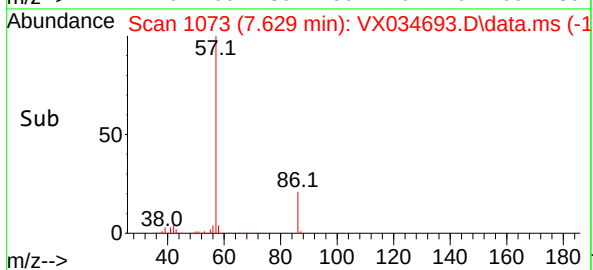
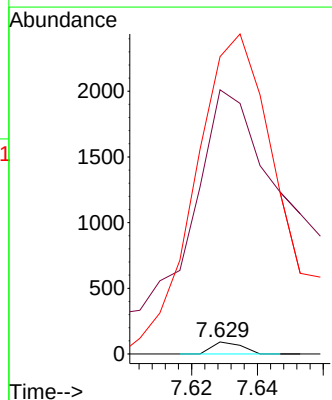
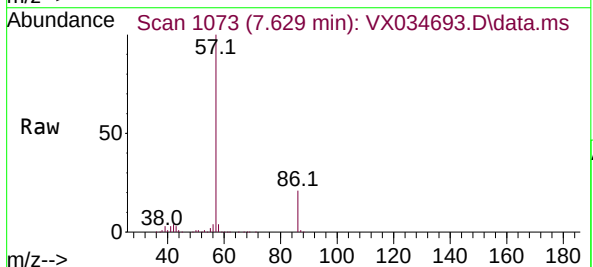
Instrument :
MSVOA_X
ClientSampleId :
PB151618TB

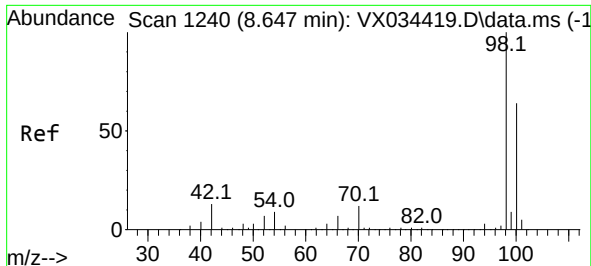
Tgt Ion: 41 Resp: 233230
Ion Ratio Lower Upper
41 100
69 0.2 62.2 93.4#
39 51.9 47.7 71.5



#49
1,4-Dioxane
Concen: 0.574 ug/l
RT: 7.629 min Scan# 1073
Delta R.T. -0.024 min
Lab File: VX034693.D
Acq: 23 Mar 2023 13:10

Tgt Ion: 88 Resp: 57
Ion Ratio Lower Upper
88 100
43 0.0 27.7 41.5#
58 7735.1 56.8 85.2#

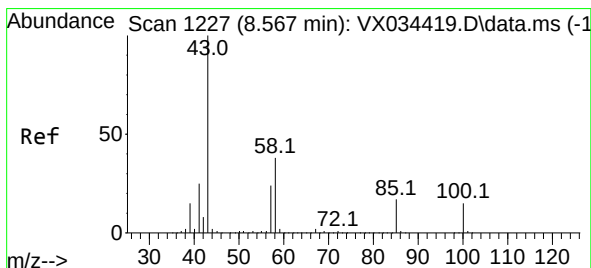
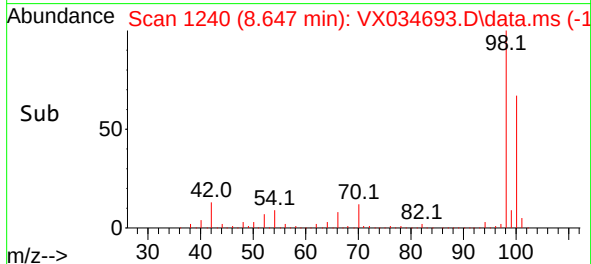
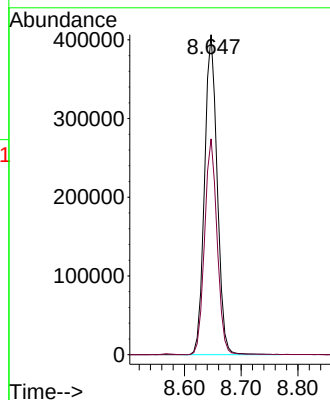
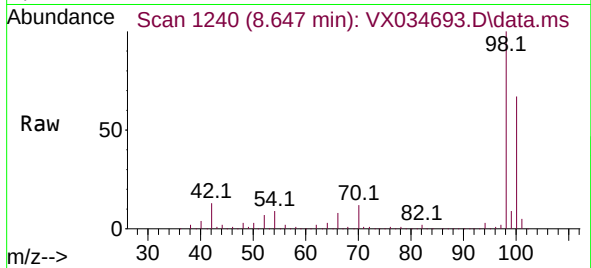




#50
Toluene-d8
Concen: 48.806 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034693.D
Acq: 23 Mar 2023 13:10

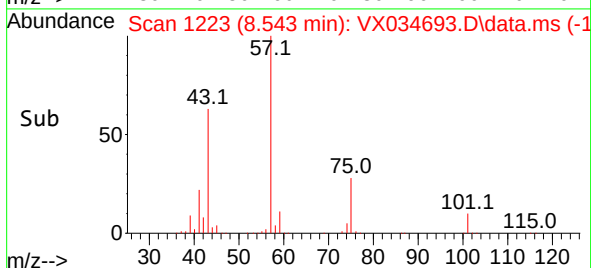
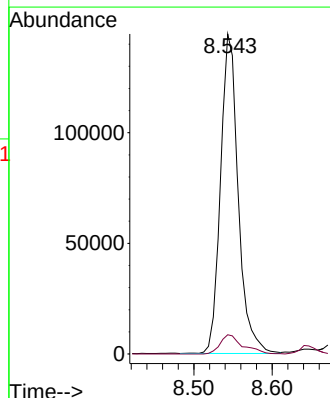
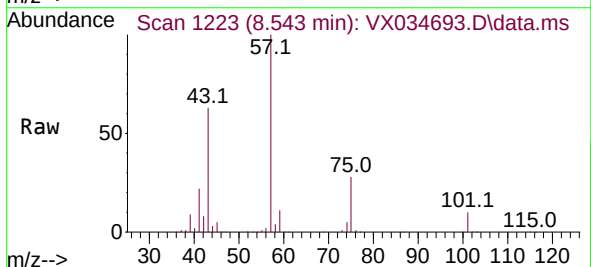
Instrument :
MSVOA_X
ClientSampleId :
PB151618TB

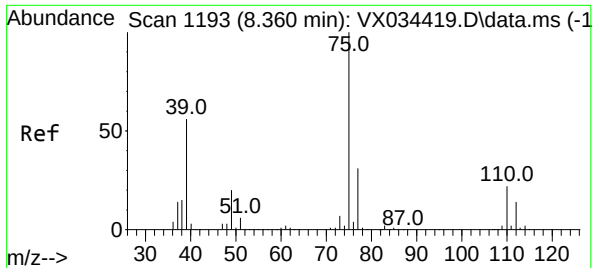
Tgt Ion: 98 Resp: 629858
Ion Ratio Lower Upper
98 100
100 66.9 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 39.893 ug/l
RT: 8.543 min Scan# 1223
Delta R.T. -0.024 min
Lab File: VX034693.D
Acq: 23 Mar 2023 13:10

Tgt Ion: 43 Resp: 227415
Ion Ratio Lower Upper
43 100
58 7.7 30.6 46.0#

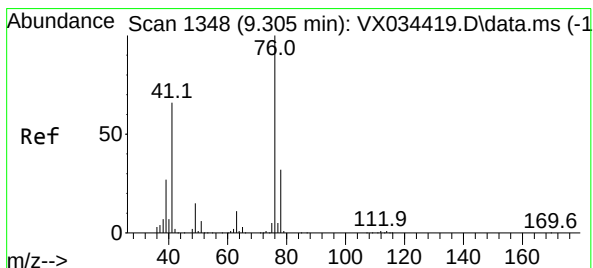
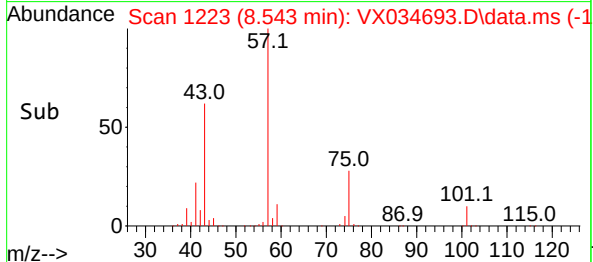
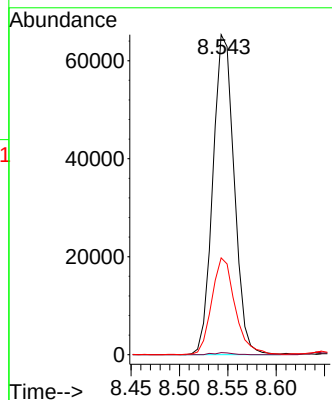
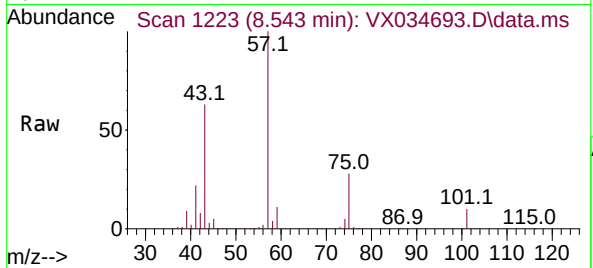




#54
cis-1,3-Dichloropropene
Concen: 15.352 ug/l
RT: 8.543 min Scan# 1193
Delta R.T. 0.183 min
Lab File: VX034693.D
Acq: 23 Mar 2023 13:10

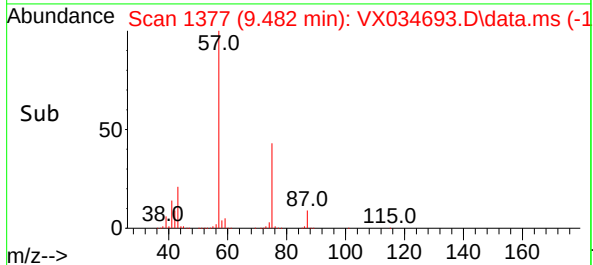
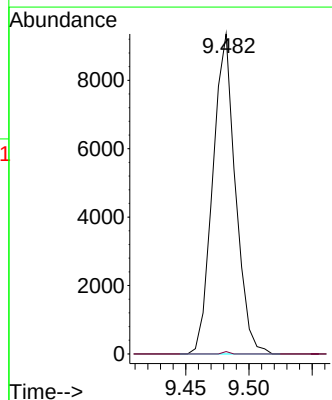
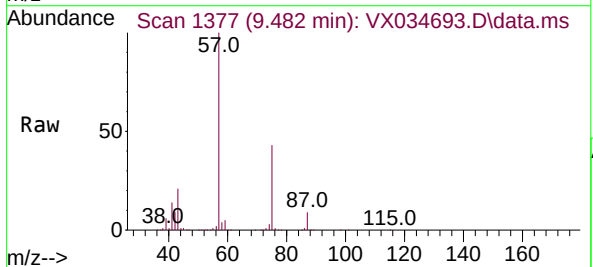
Instrument :
MSVOA_X
ClientSampleId :
PB151618TB

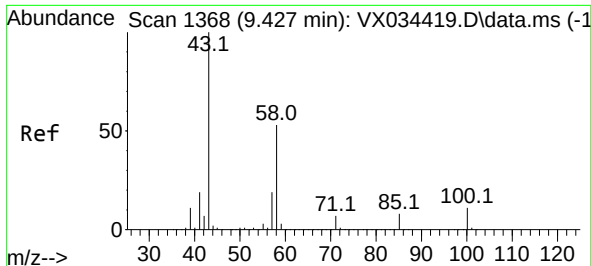
Tgt Ion: 75 Resp: 99853
Ion Ratio Lower Upper
75 100
77 0.7 25.0 37.4#
39 30.3 44.6 66.8#



#57
1,3-Dichloropropane
Concen: 1.718 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX034693.D
Acq: 23 Mar 2023 13:10

Tgt Ion: 76 Resp: 11653
Ion Ratio Lower Upper
76 100
78 0.2 25.8 38.8#





#59

2-Hexanone

Concen: 39.912 ug/l

RT: 9.482 min Scan# 11

Delta R.T. 0.055 min

Lab File: VX034693.D

Acq: 23 Mar 2023 13:10

Instrument :

MSVOA_X

ClientSampleId :

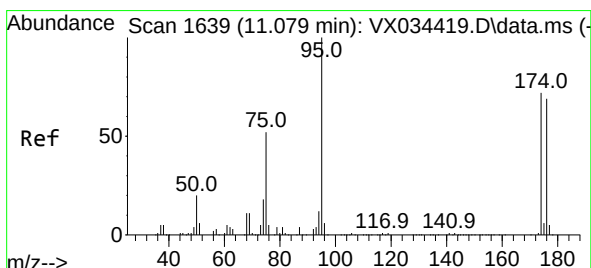
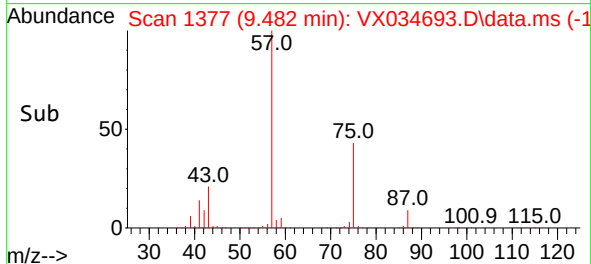
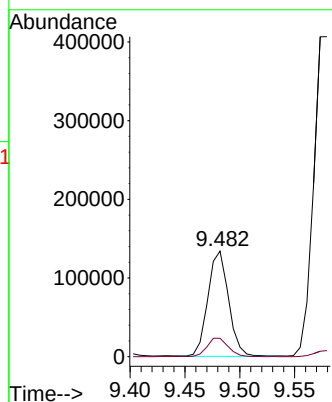
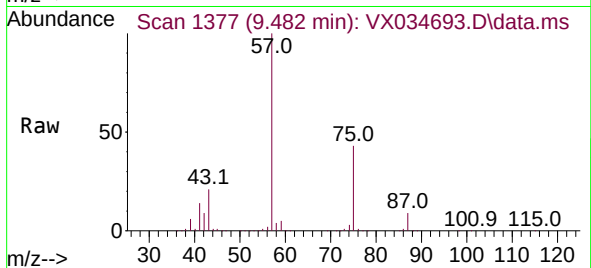
PB151618TB

Tgt Ion: 43 Resp: 175880

Ion Ratio Lower Upper

43 100

58 18.4 26.3 78.9#



#62

4-Bromofluorobenzene

Concen: 45.225 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX034693.D

Acq: 23 Mar 2023 13:10

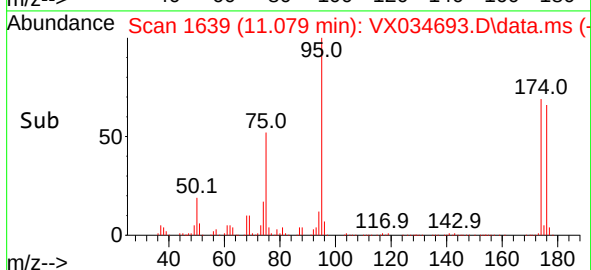
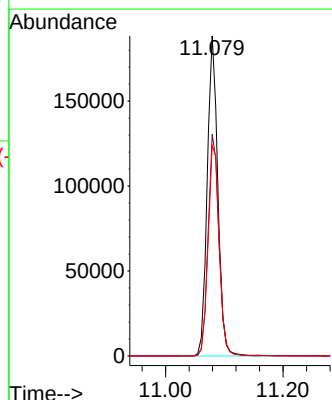
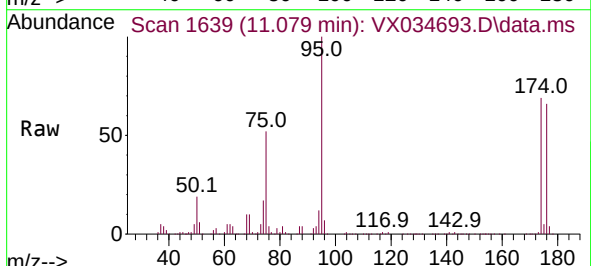
Tgt Ion: 95 Resp: 235745

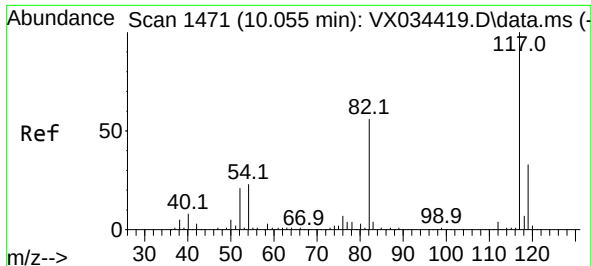
Ion Ratio Lower Upper

95 100

174 70.8 0.0 147.4

176 68.8 0.0 140.6

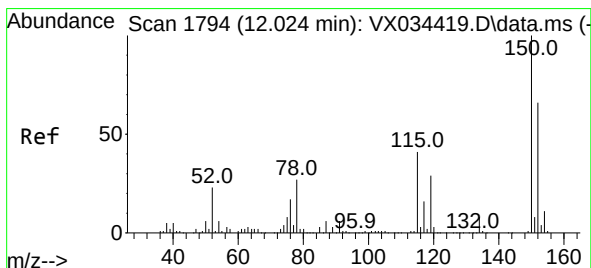
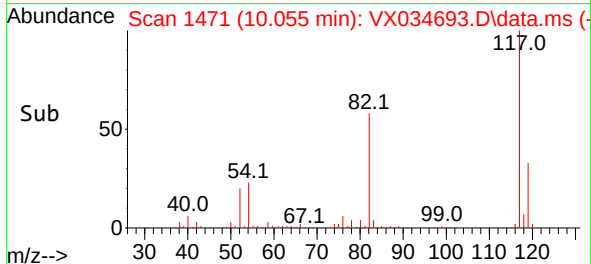
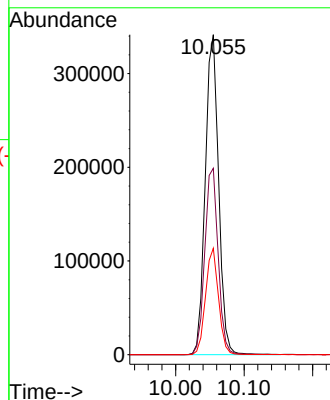
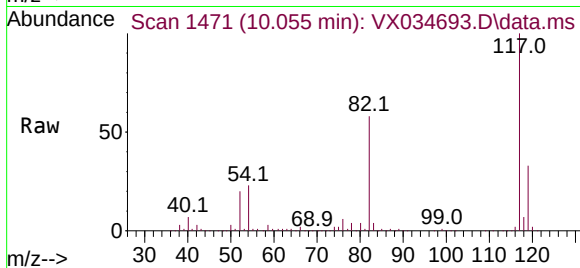




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034693.D
Acq: 23 Mar 2023 13:10

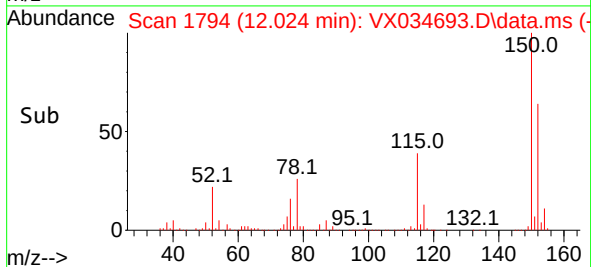
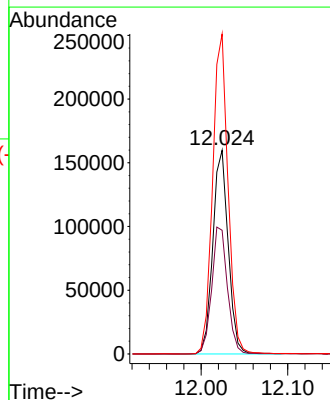
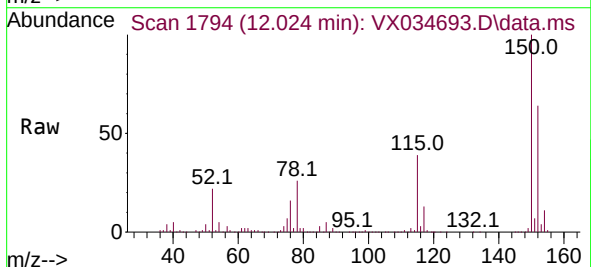
Instrument :
MSVOA_X
ClientSampleId :
PB151618TB

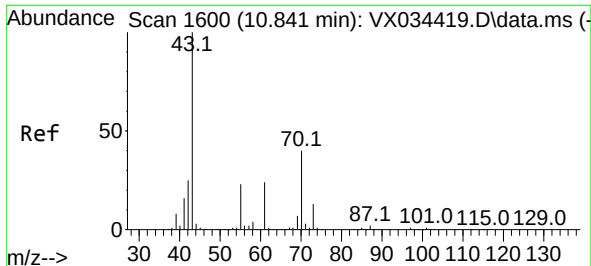
Tgt Ion:117 Resp: 463384
Ion Ratio Lower Upper
117 100
82 58.3 45.0 67.4
119 33.2 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034693.D
Acq: 23 Mar 2023 13:10

Tgt Ion:152 Resp: 197300
Ion Ratio Lower Upper
152 100
115 63.7 45.0 135.0
150 157.4 0.0 352.4

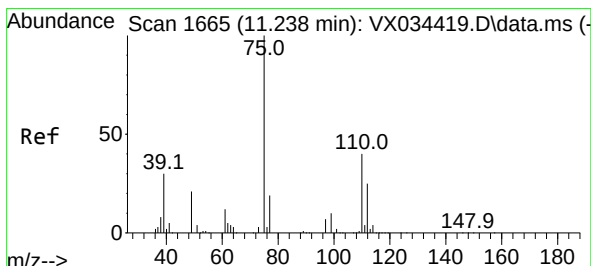
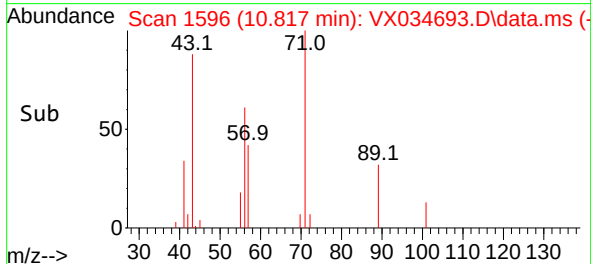
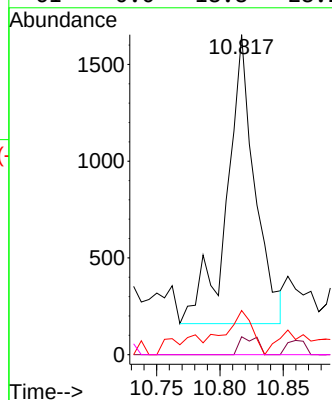
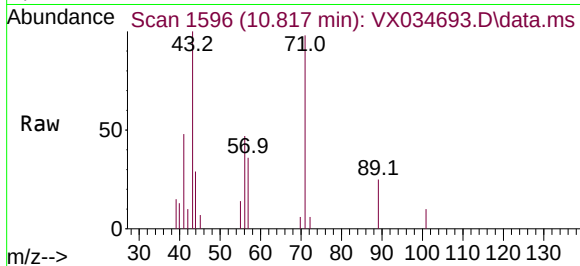




#74
N-amy1 acetate
Concen: 0.315 ug/l
RT: 10.817 min Scan# 1639
Delta R.T. -0.024 min
Lab File: VX034693.D
Acq: 23 Mar 2023 13:10

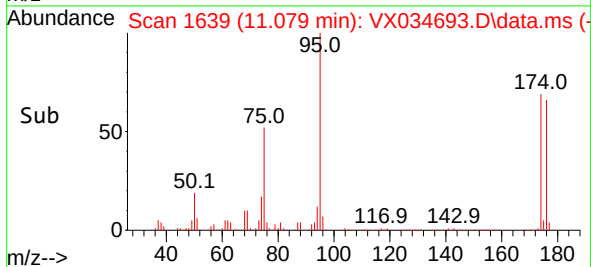
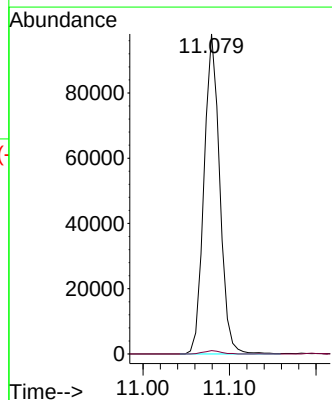
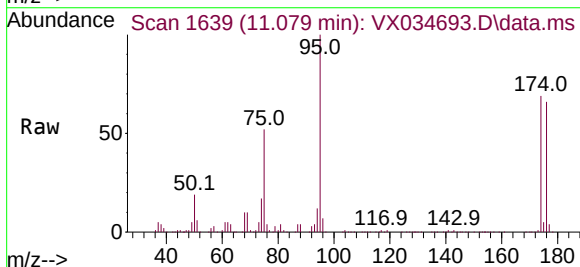
Instrument :
MSVOA_X
ClientSampleId :
PB151618TB

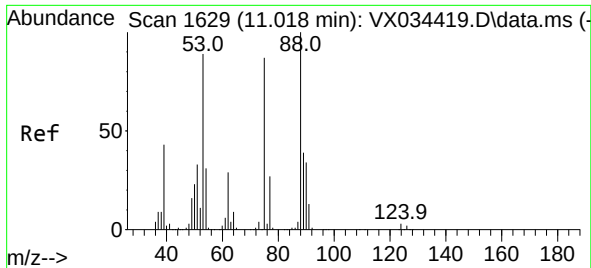
Tgt Ion: 43	Resp: 2302
Ion Ratio	Lower Upper
43 100	
70 4.0	32.1 48.1#
55 15.0	18.3 27.5#
61 0.0	18.8 28.2#



#76
1,2,3-Trichloropropane
Concen: 27.239 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034693.D
Acq: 23 Mar 2023 13:10

Tgt Ion: 75	Resp: 123400
Ion Ratio	Lower Upper
75 100	
77 1.1	21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.690 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX034693.D
 Acq: 23 Mar 2023 13:10

Instrument :
 MSVOA_X
 ClientSampleId :
 PB151618TB

Tgt Ion: 75 Resp: 123400
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

