

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051322\
 Data File : VX028702.D
 Acq On : 14 May 2022 01:25
 Operator : JC/MD
 Sample : PB144781ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB144781ZHE#03

Quant Time: May 16 02:30:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

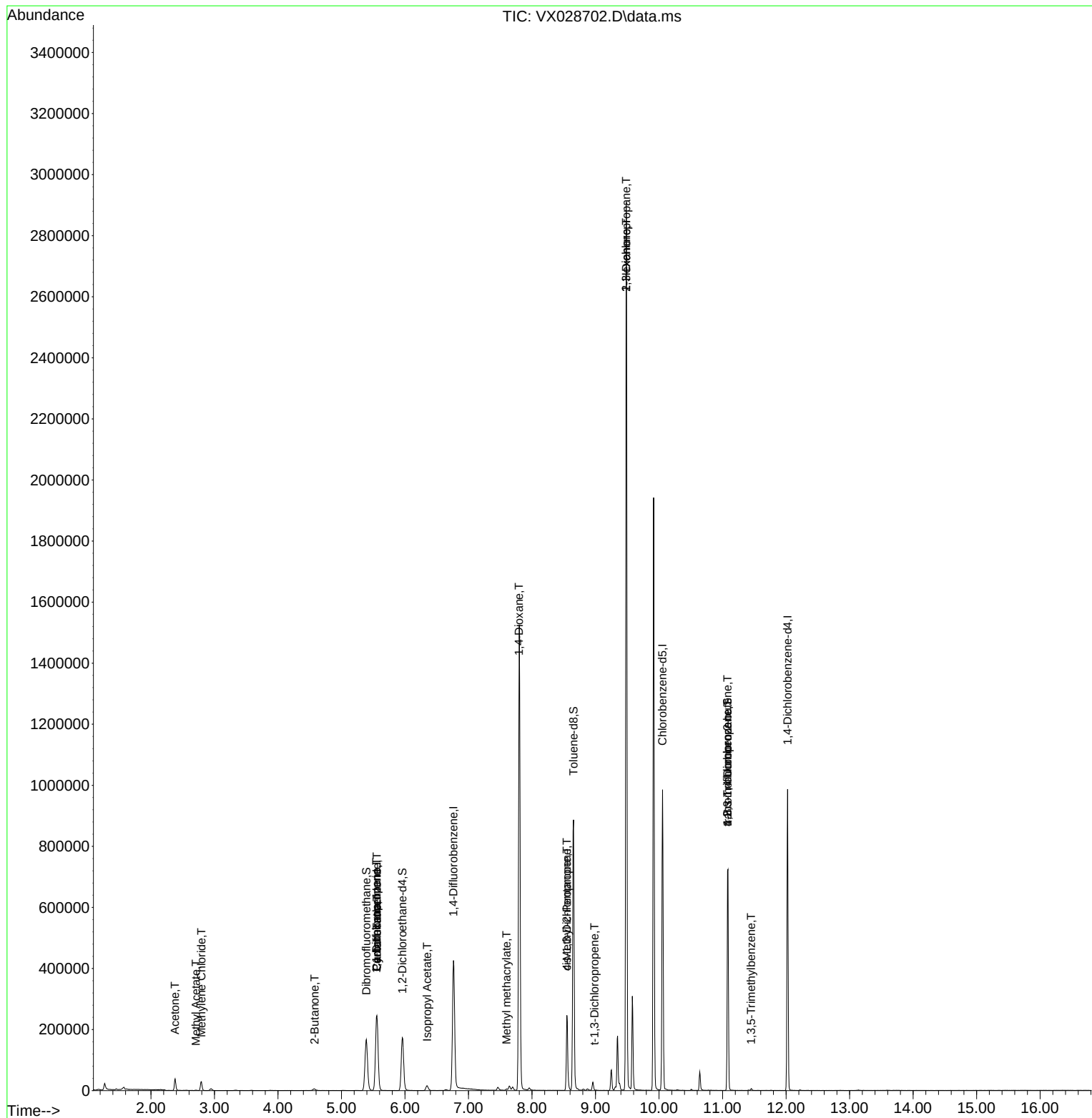
Internal Standards						
1) Pentafluorobenzene	5.555	168	225057	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	428927	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	425381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	187006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	166285	53.901	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.800%			
35) Dibromofluoromethane	5.391	113	141736	50.435	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.880%			
50) Toluene-d8	8.652	98	528874	49.916	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.840%			
62) 4-Bromofluorobenzene	11.079	95	194058	49.037	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.080%			
Target Compounds						
						Qvalue
5) Bromomethane	1.611	94	656	Below Cal		95
6) Chloroethane	1.678	64	676	Below Cal	#	88
11) Tert butyl alcohol	2.946	59	3781	Below Cal	#	72
16) Acetone	2.379	43	39349	29.720	ug/l	90
18) Methyl Acetate	2.708	43	1606	0.484	ug/l	# 88
20) Methylene Chloride	2.794	84	13458	4.845	ug/l	95
25) 2-Butanone	4.574	43	7241	3.484	ug/l	94
31) Cyclohexane	5.555	56	5398	1.261	ug/l	# 21
36) 1,1-Dichloropropene	5.549	75	19860	4.705	ug/l	# 49
38) Carbon Tetrachloride	5.555	117	24876	5.856	ug/l	# 15
43) Isopropyl Acetate	6.348	43	21642	3.138	ug/l	92
48) Methyl methacrylate	7.598	41	6648	1.995	ug/l	# 7
49) 1,4-Dioxane	7.793	88	253	3.040	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.549	43	83400	18.357	ug/l	# 45
53) t-1,3-Dichloropropene	8.982	75	21	1.645	ug/l	# 43
54) cis-1,3-Dichloropropene	8.549	75	39263	8.315	ug/l	# 72
57) 1,3-Dichloropropane	9.482	76	26329	4.906	ug/l	# 43
59) 2-Hexanone	9.482	43	333009	94.345	ug/l	# 43
76) 1,2,3-Trichloropropane	11.079	75	103583	23.652	ug/l	# 38
80) 1,3,5-Trimethylbenzene	11.451	105	2820	0.239	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.079	75	103583	68.968	ug/l	# 15

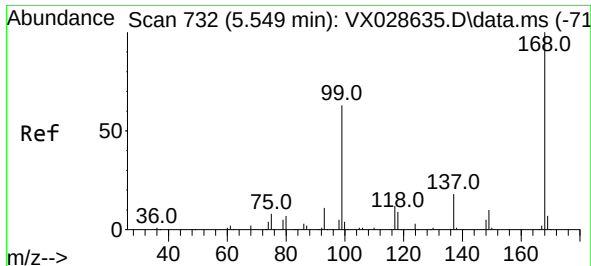
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

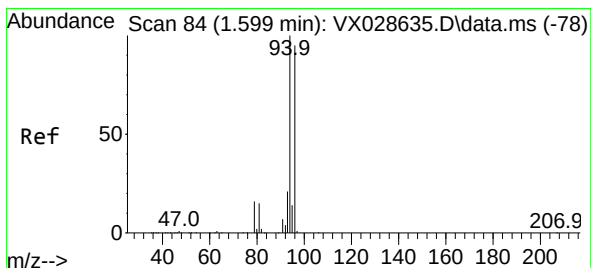
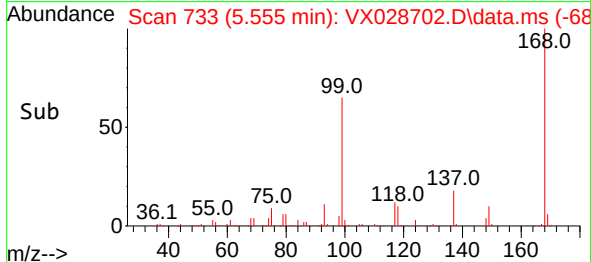
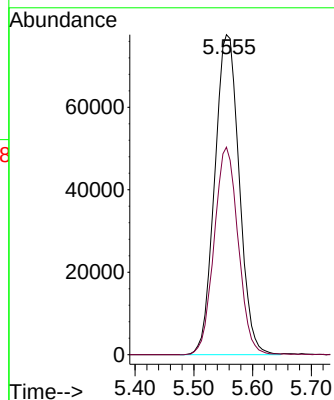
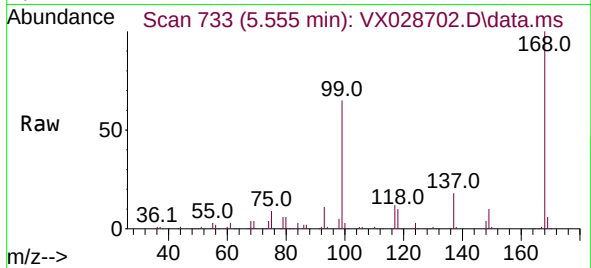




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX028702.D
Acq: 14 May 2022 01:25

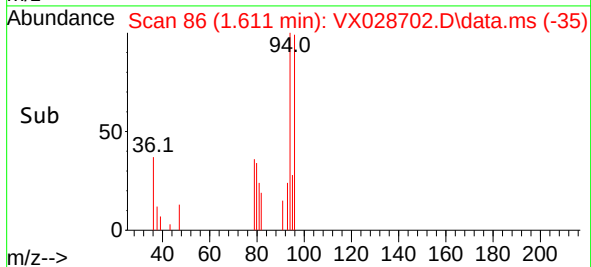
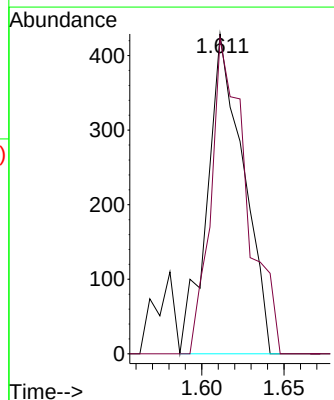
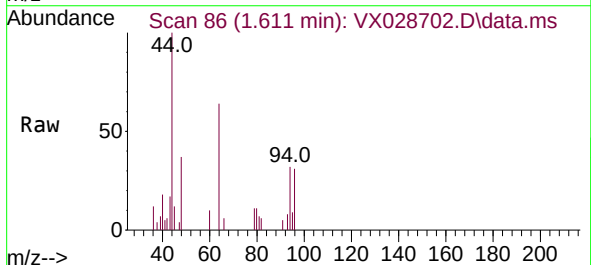
Instrument :
MSVOA_X
ClientSampleId :
PB144781ZHE#03

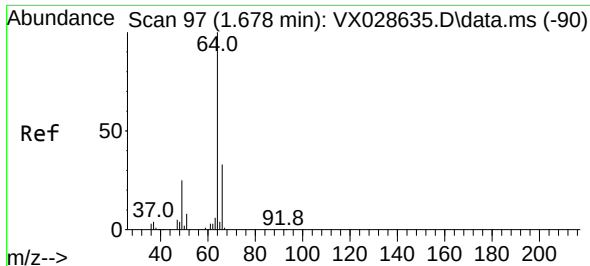
Tgt Ion:168 Resp: 225057
Ion Ratio Lower Upper
168 100
99 64.9 41.7 62.5#



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX028702.D
Acq: 14 May 2022 01:25

Tgt Ion: 94 Resp: 656
Ion Ratio Lower Upper
94 100
96 98.6 75.3 112.9

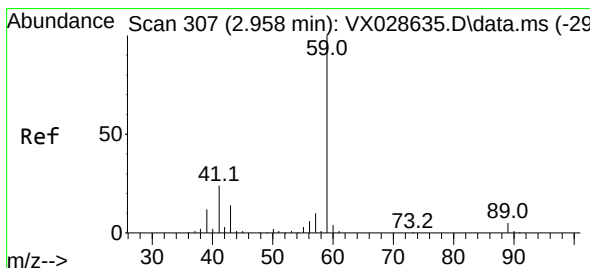
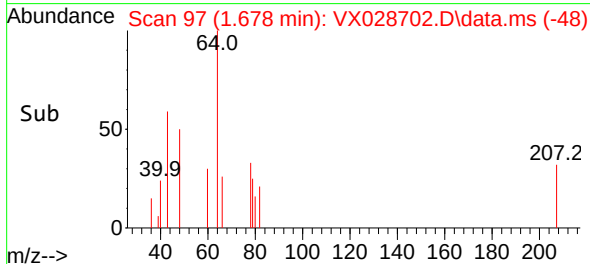
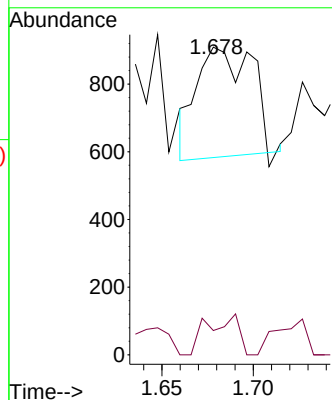
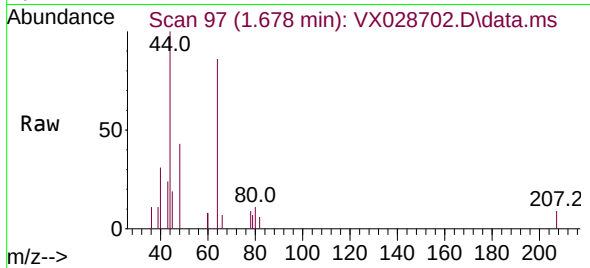




#6
Chloroethane
Concen: Below Cal
RT: 1.678 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028702.D
Acq: 14 May 2022 01:25

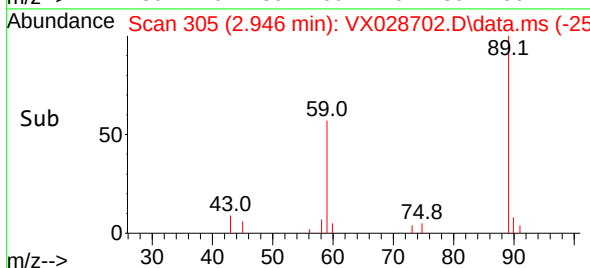
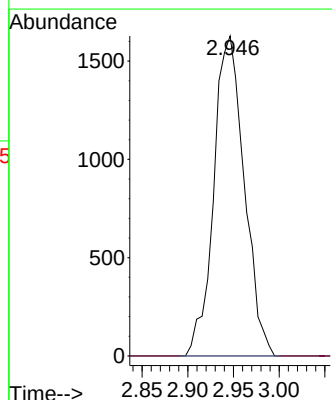
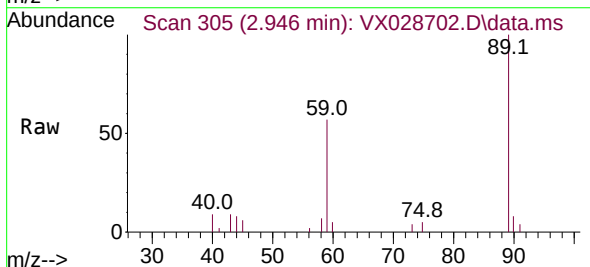
Instrument :
MSVOA_X
ClientSampleId :
PB144781ZHE#03

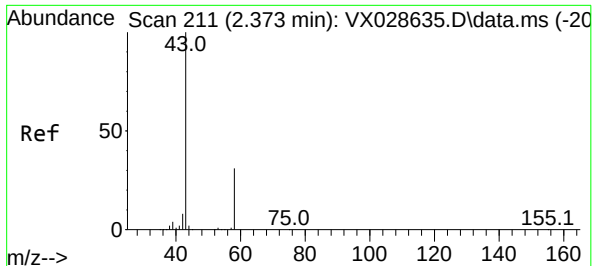
Tgt Ion: 64 Resp: 676
Ion Ratio Lower Upper
64 100
66 25.2 25.3 37.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX028702.D
Acq: 14 May 2022 01:25

Tgt Ion: 59 Resp: 3781
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

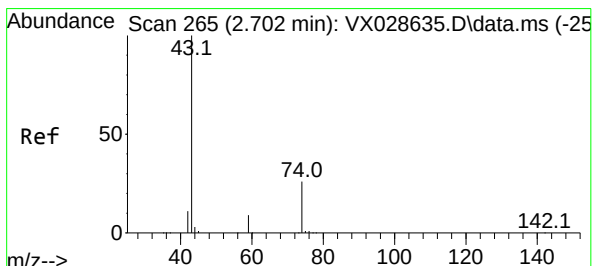
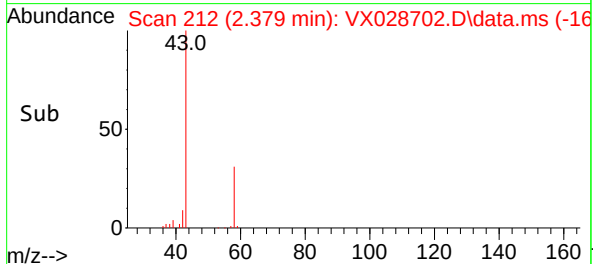
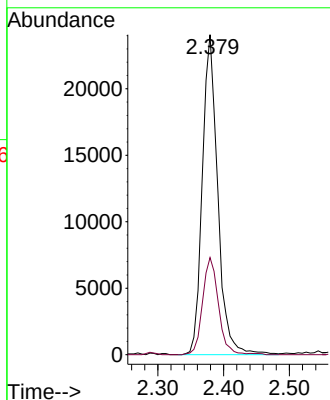
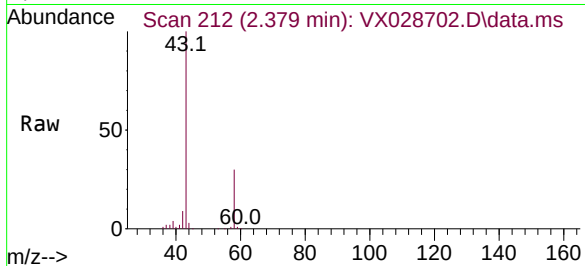




#16
Acetone
Concen: 29.720 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX028702.D
Acq: 14 May 2022 01:25

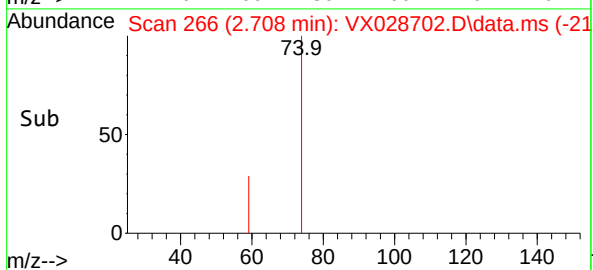
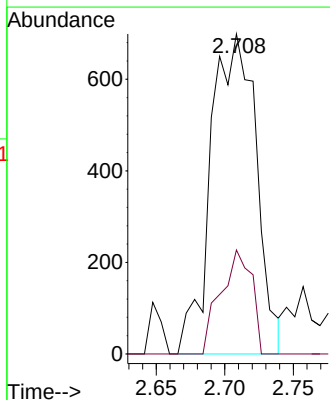
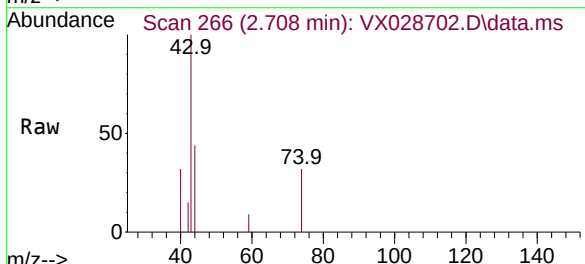
Instrument :
MSVOA_X
ClientSampleId :
PB144781ZHE#03

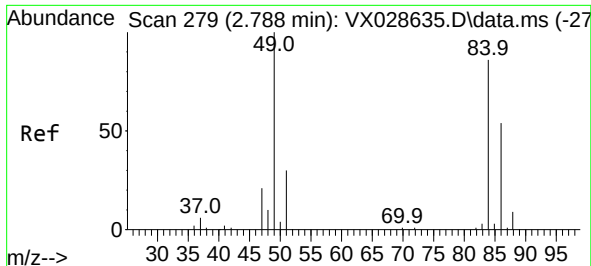
Tgt Ion: 43 Resp: 39349
Ion Ratio Lower Upper
43 100
58 30.3 28.8 43.2



#18
Methyl Acetate
Concen: 0.484 ug/l
RT: 2.708 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX028702.D
Acq: 14 May 2022 01:25

Tgt Ion: 43 Resp: 1606
Ion Ratio Lower Upper
43 100
74 22.3 22.8 34.2#

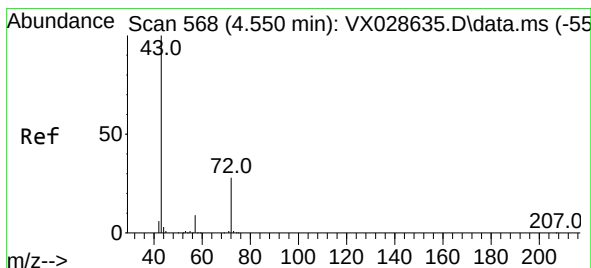
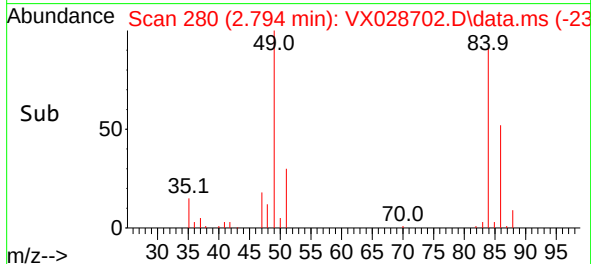
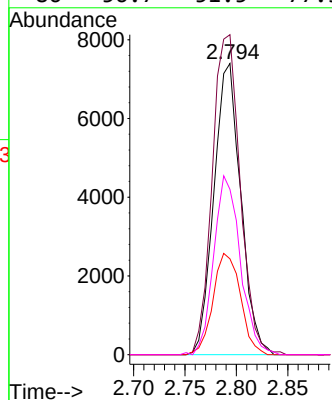
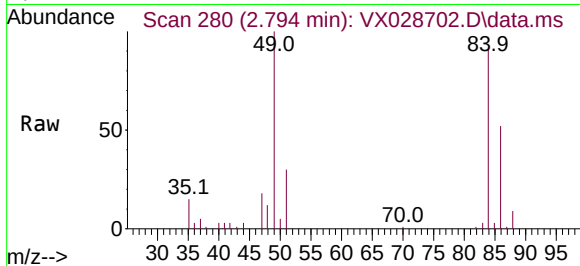




#20
Methylene Chloride
Concen: 4.845 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028702.D
Acq: 14 May 2022 01:25

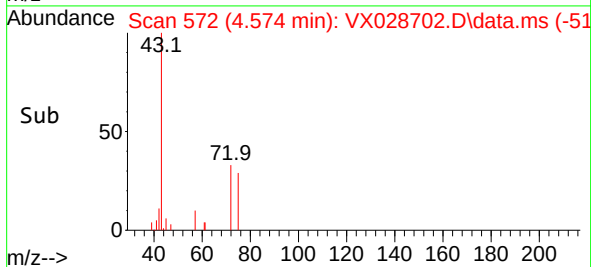
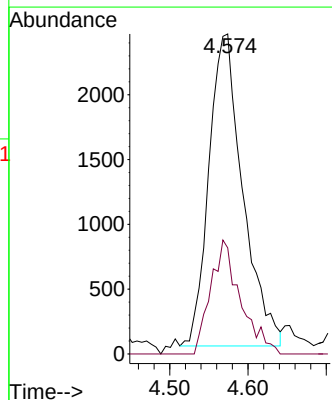
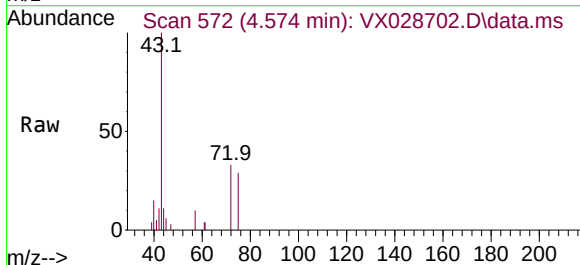
Instrument :
MSVOA_X
ClientSampleId :
PB144781ZHE#03

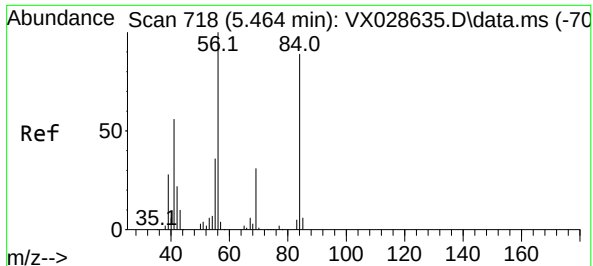
Tgt Ion: 84	Resp: 13458
Ion Ratio	Lower Upper
84 100	
49 109.9	85.5 128.3
51 32.9	26.6 39.8
86 56.7	51.5 77.3



#25
2-Butanone
Concen: 3.484 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.024 min
Lab File: VX028702.D
Acq: 14 May 2022 01:25

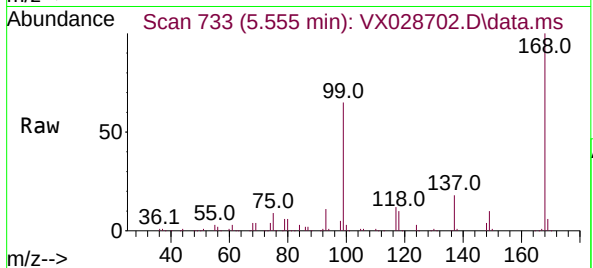
Tgt Ion: 43	Resp: 7241		
Ion Ratio	Lower	Upper	
43 100			
72 34.0	24.4	36.6	



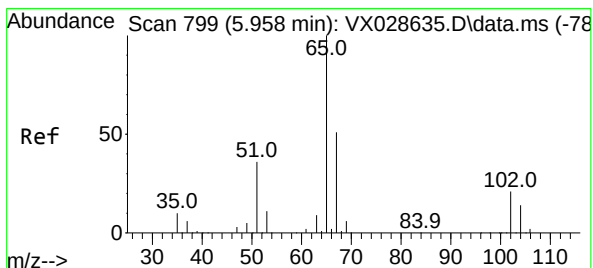
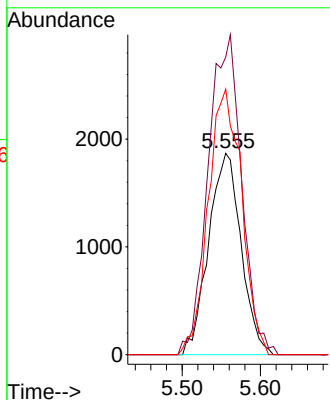
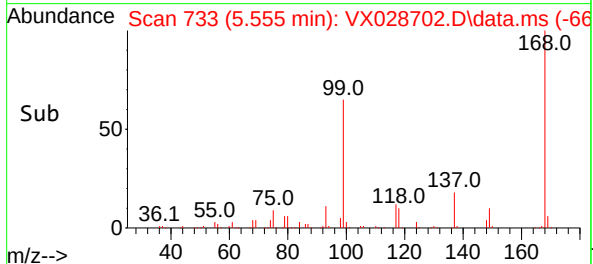


#31
Cyclohexane
Concen: 1.261 ug/l
RT: 5.555 min Scan# 718
Delta R.T. 0.091 min
Lab File: VX028702.D
Acq: 14 May 2022 01:25

Instrument :
MSVOA_X
ClientSampleId :
PB144781ZHE#03

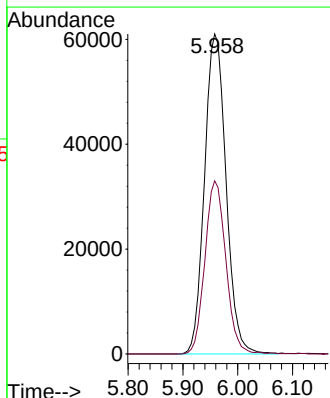
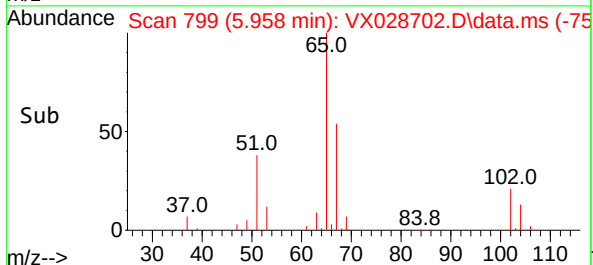
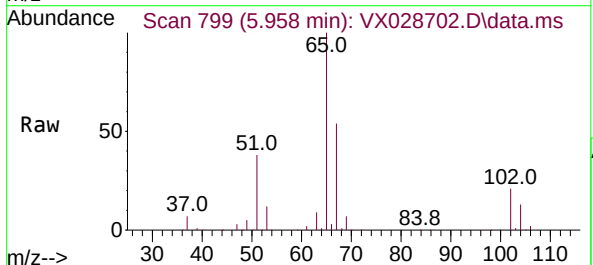


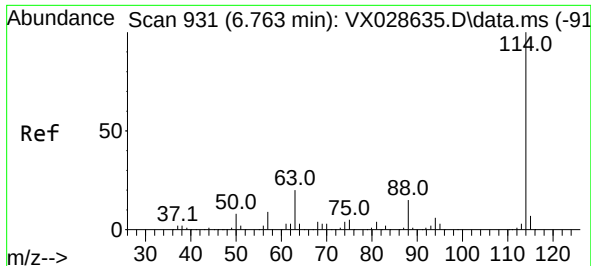
Tgt Ion: 56 Resp: 5398
Ion Ratio Lower Upper
56 100
69 147.7 26.7 40.1#
84 131.8 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 53.901 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX028702.D
Acq: 14 May 2022 01:25

Tgt Ion: 65 Resp: 166285
Ion Ratio Lower Upper
65 100
67 52.6 0.0 107.4

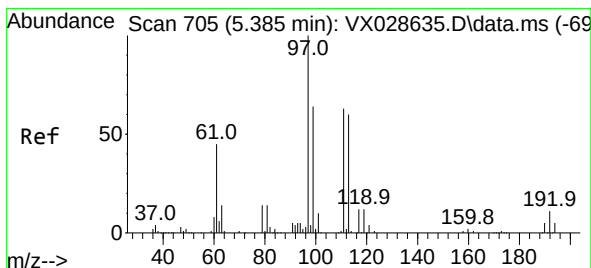
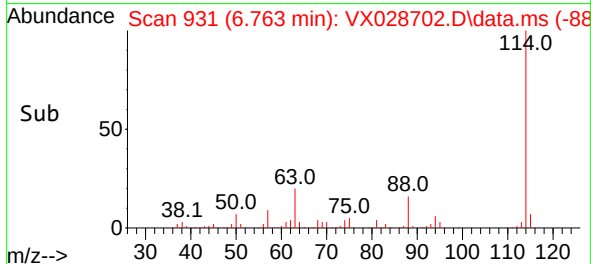
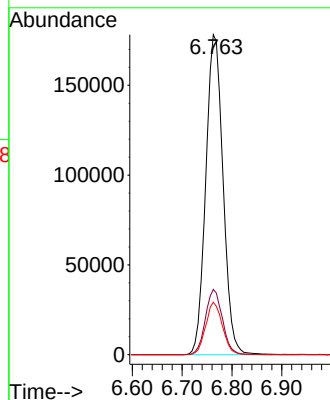
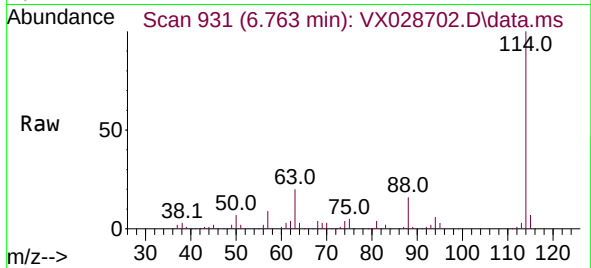




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028702.D
Acq: 14 May 2022 01:25

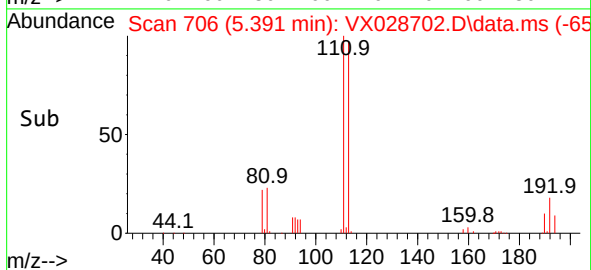
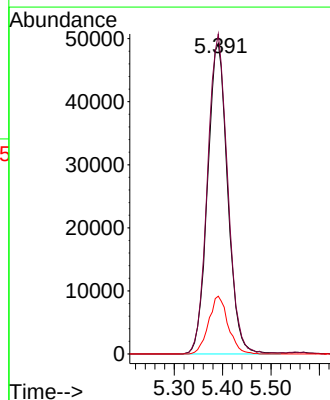
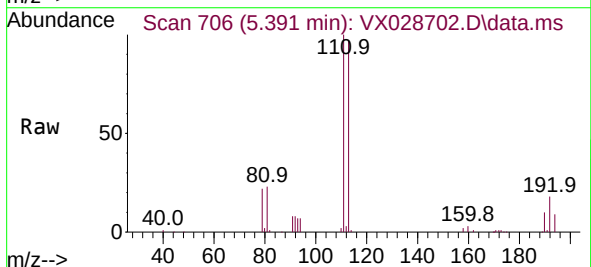
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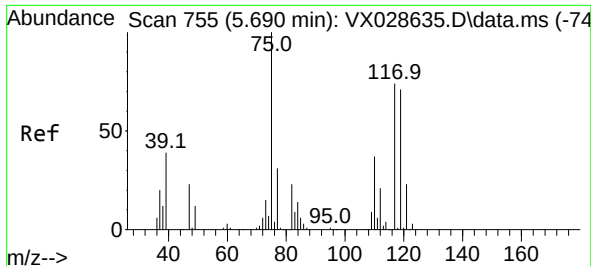
Tgt Ion:114 Resp: 428927
Ion Ratio Lower Upper
114 100
63 20.4 0.0 36.8
88 16.4 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.435 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028702.D
Acq: 14 May 2022 01:25

Tgt Ion:113 Resp: 141736
Ion Ratio Lower Upper
113 100
111 103.6 82.8 124.2
192 18.1 16.9 25.3

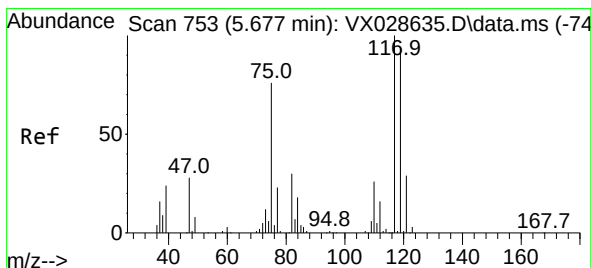
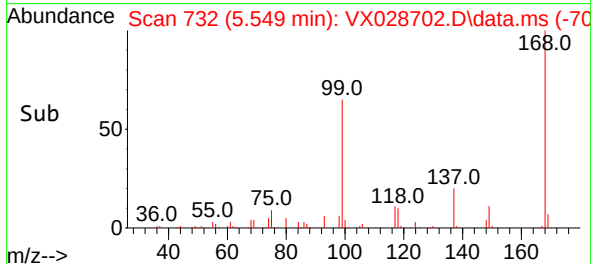
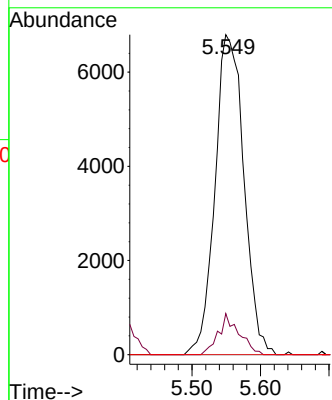
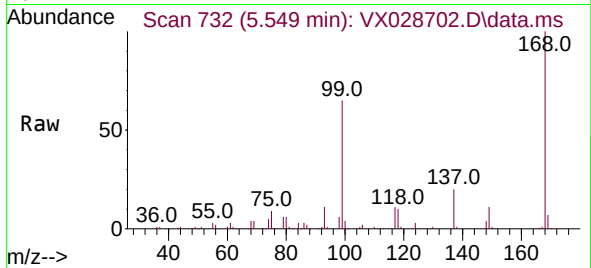




#36
 1,1-Dichloropropene
 Concen: 4.705 ug/l
 RT: 5.549 min Scan# 713
 Delta R.T. -0.141 min
 Lab File: VX028702.D
 Acq: 14 May 2022 01:25

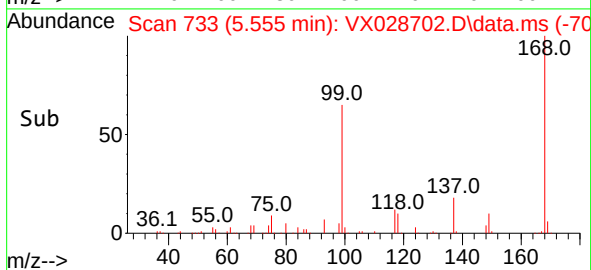
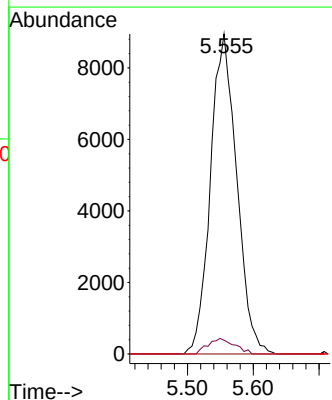
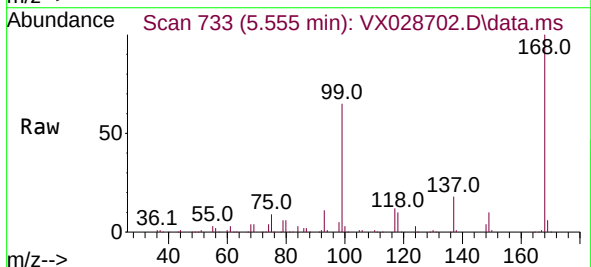
Instrument :
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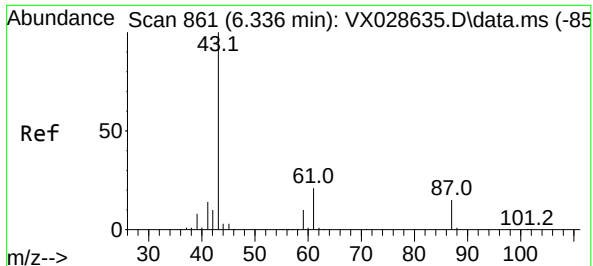
Tgt Ion: 75 Resp: 19860
 Ion Ratio Lower Upper
 75 100
 110 9.2 18.3 54.8#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 5.856 ug/l
 RT: 5.555 min Scan# 733
 Delta R.T. -0.122 min
 Lab File: VX028702.D
 Acq: 14 May 2022 01:25

Tgt Ion: 117 Resp: 24876
 Ion Ratio Lower Upper
 117 100
 119 4.3 77.3 115.9#
 121 0.0 24.2 36.2#

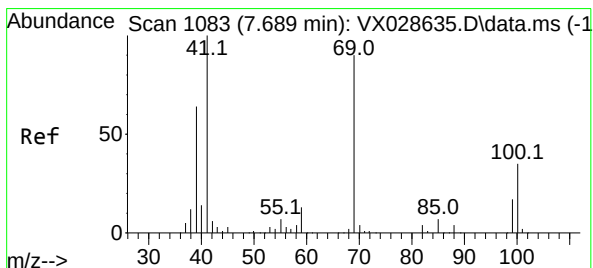
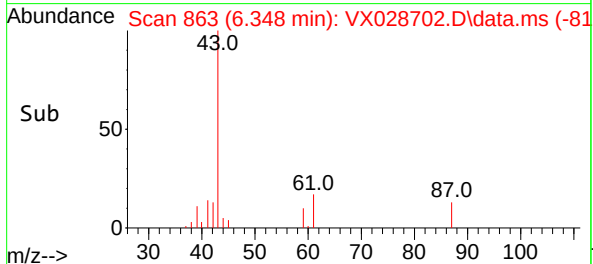
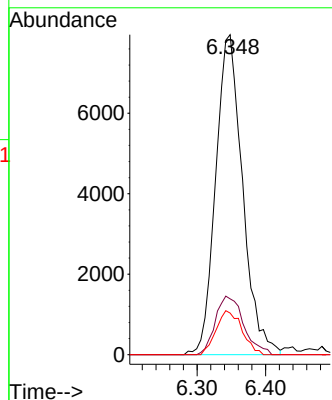
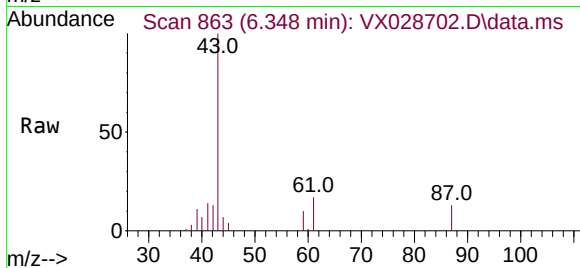




#43
Isopropyl Acetate
Concen: 3.138 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX028702.D
Acq: 14 May 2022 01:25

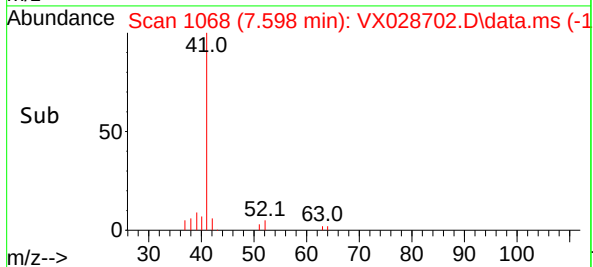
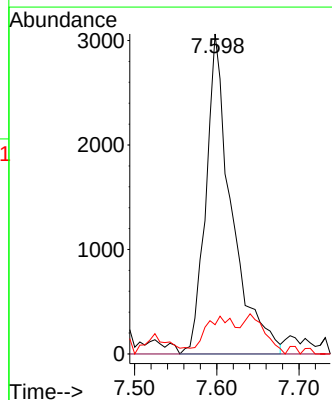
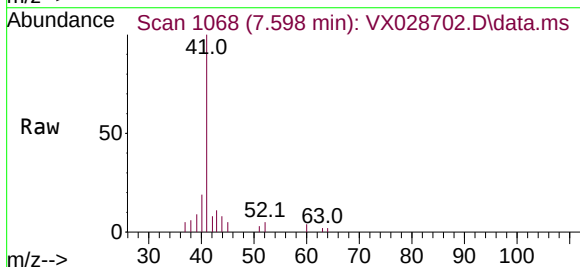
Instrument :
MSVOA_X
ClientSampleId :
PB144781ZHE#03

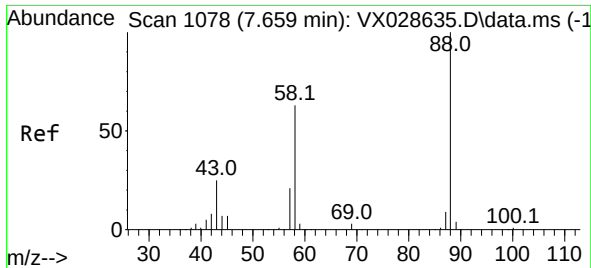
Tgt Ion: 43 Resp: 21642
Ion Ratio Lower Upper
43 100
61 19.2 18.5 27.7
87 13.2 13.0 19.6



#48
Methyl methacrylate
Concen: 1.995 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.091 min
Lab File: VX028702.D
Acq: 14 May 2022 01:25

Tgt Ion: 41 Resp: 6648
Ion Ratio Lower Upper
41 100
69 0.0 82.5 123.7#
39 0.0 43.8 65.8#

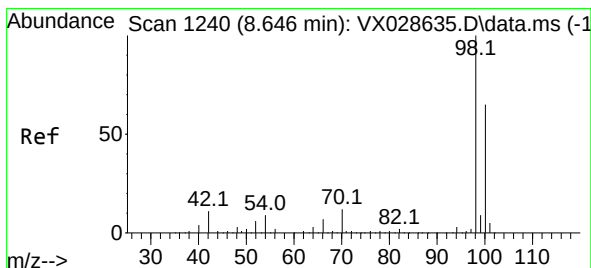
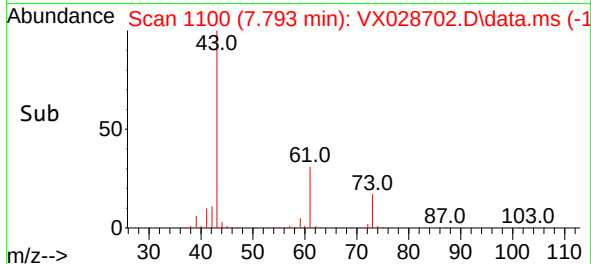
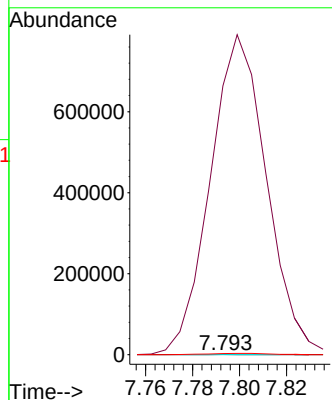
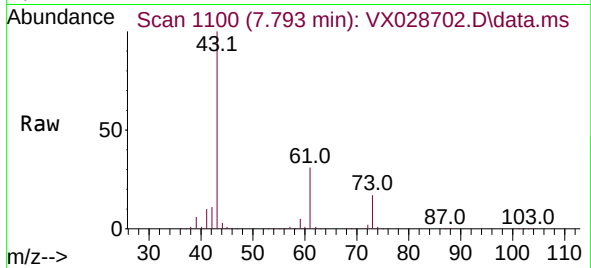




#49
1,4-Dioxane
Concen: 3.040 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.134 min
Lab File: VX028702.D
Acq: 14 May 2022 01:25

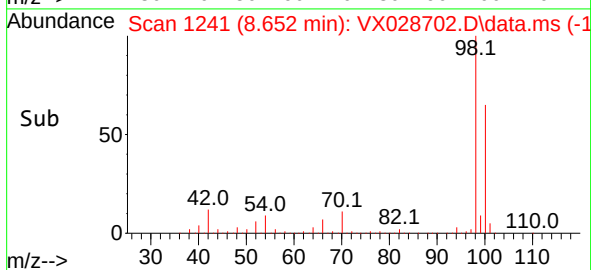
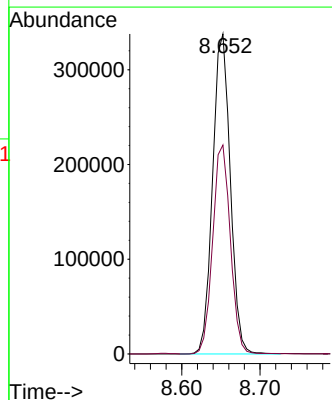
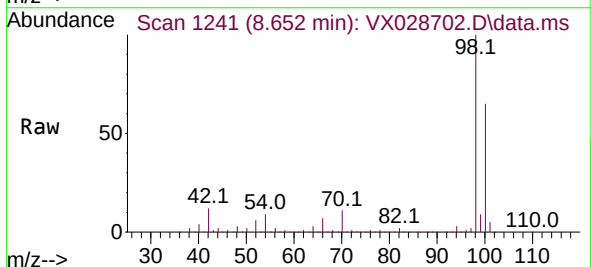
Instrument :
MSVOA_X
ClientSampleId :
PB144781ZHE#03

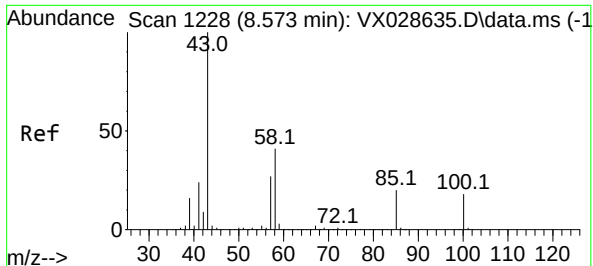
Tgt Ion: 88 Resp: 253
Ion Ratio Lower Upper
88 100
43 525092.1 21.9 32.9#
58 2378.7 53.7 80.5#



#50
Toluene-d8
Concen: 49.916 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX028702.D
Acq: 14 May 2022 01:25

Tgt Ion: 98 Resp: 528874
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 18.357 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. -0.024 min

Lab File: VX028702.D

Acq: 14 May 2022 01:25

Instrument :

MSVOA_X

ClientSampleId :

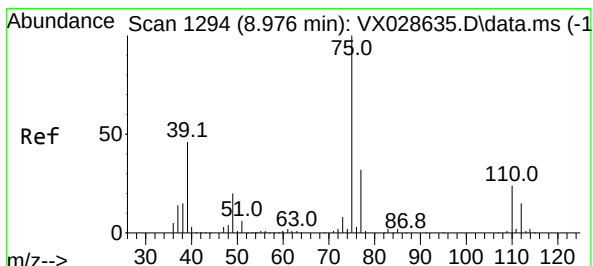
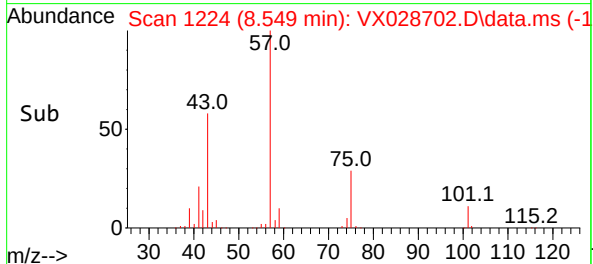
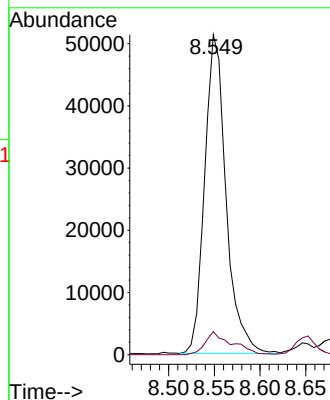
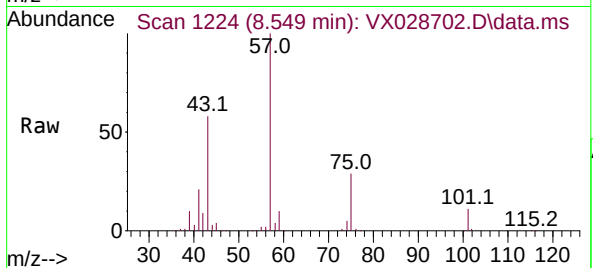
PB144781ZHE#03

Tgt Ion: 43 Resp: 83400

Ion Ratio Lower Upper

43 100

58 9.0 36.1 54.1#



#53

t-1,3-Dichloropropene

Concen: 1.645 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX028702.D

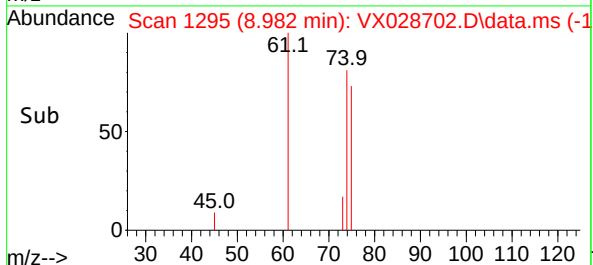
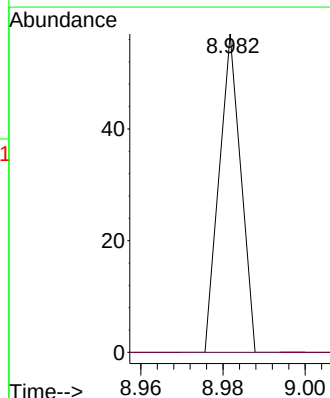
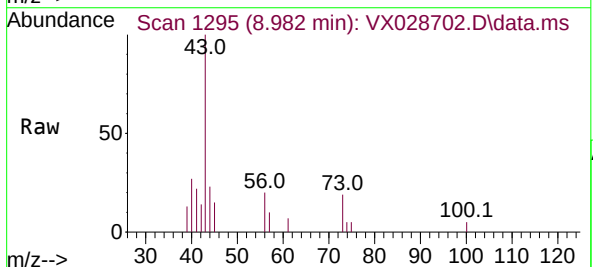
Acq: 14 May 2022 01:25

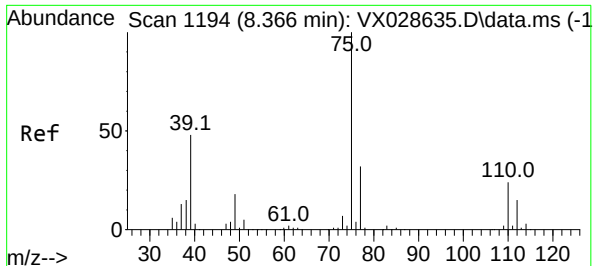
Tgt Ion: 75 Resp: 21

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#

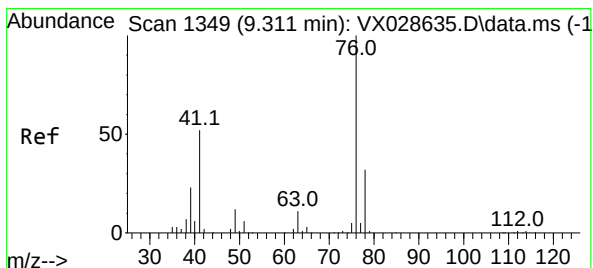
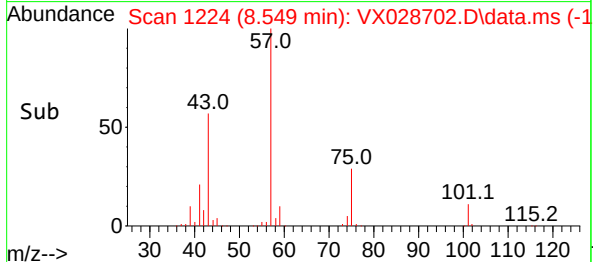
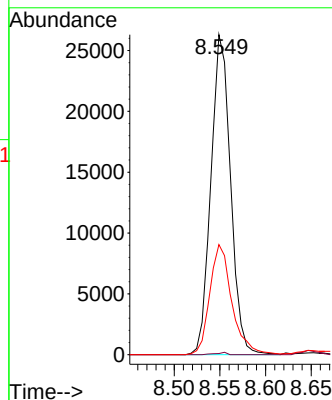
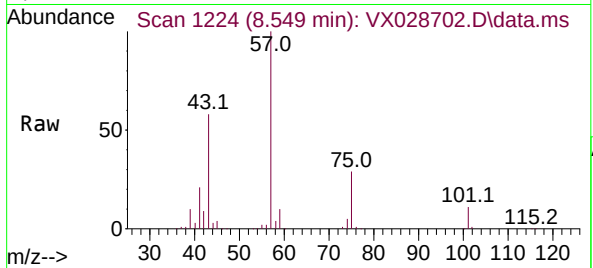




#54
 cis-1,3-Dichloropropene
 Concen: 8.315 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX028702.D
 Acq: 14 May 2022 01:25

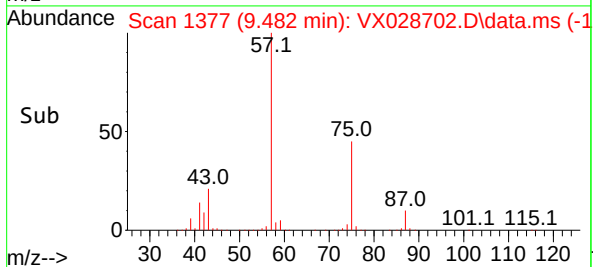
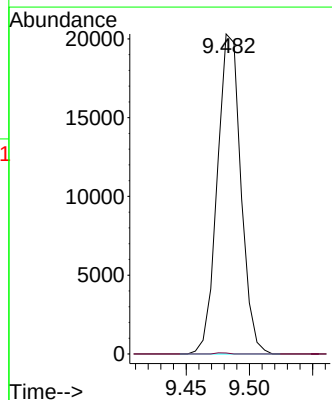
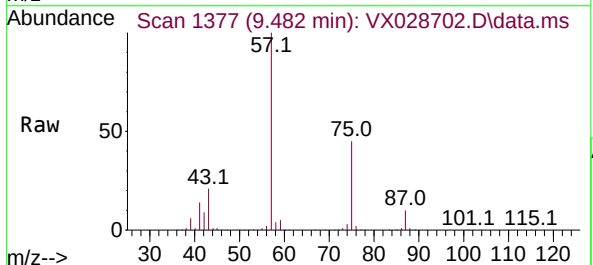
Instrument :
 MSVOA_X
 ClientSampleId :
 PB144781ZHE#03

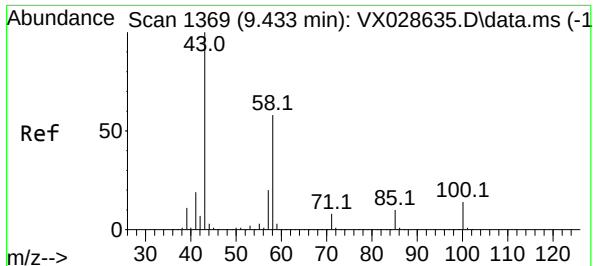
Tgt Ion: 75 Resp: 39263
 Ion Ratio Lower Upper
 75 100
 77 0.3 24.8 37.2#
 39 34.4 29.6 44.4



#57
 1,3-Dichloropropane
 Concen: 4.906 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX028702.D
 Acq: 14 May 2022 01:25

Tgt Ion: 76 Resp: 26329
 Ion Ratio Lower Upper
 76 100
 78 0.2 25.8 38.8#

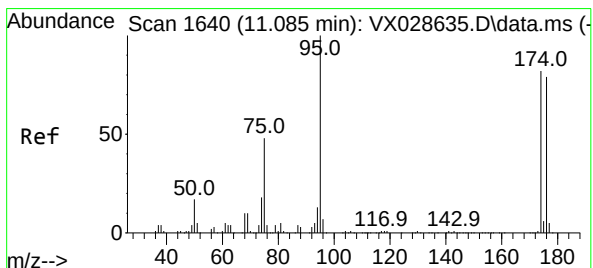
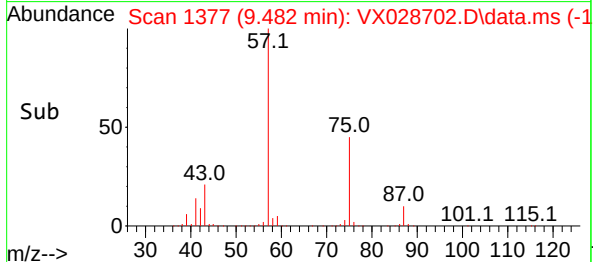
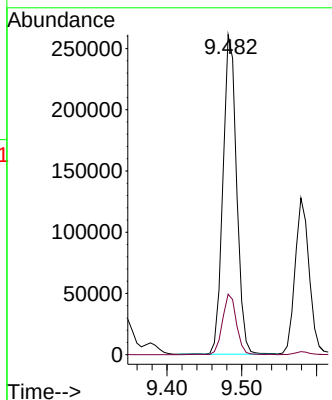
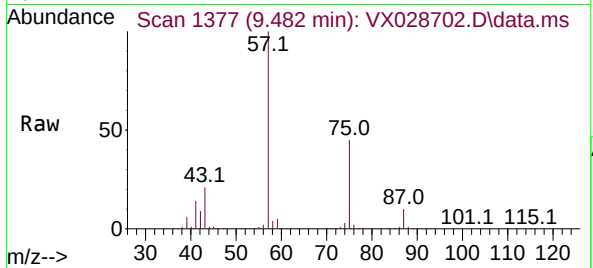




#59
2-Hexanone
Concen: 94.345 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.049 min
Lab File: VX028702.D
Acq: 14 May 2022 01:25

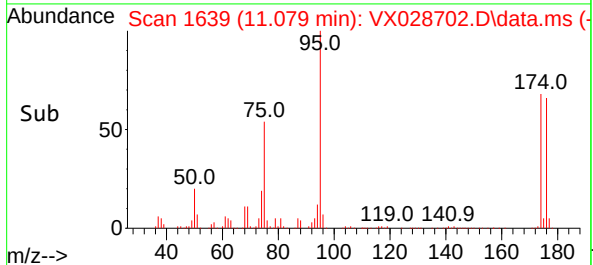
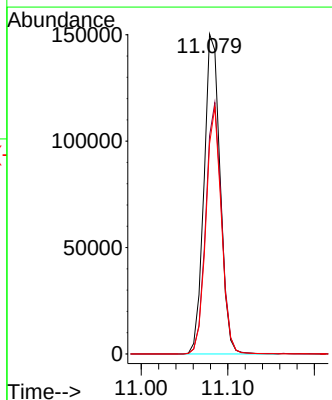
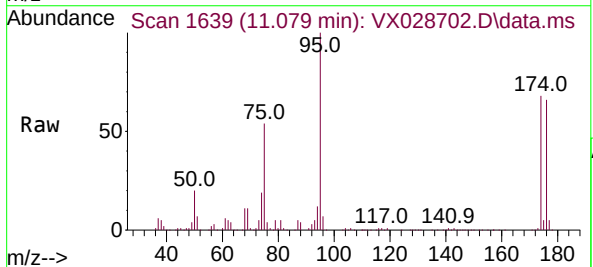
Instrument :
MSVOA_X
ClientSampleId :
PB144781ZHE#03

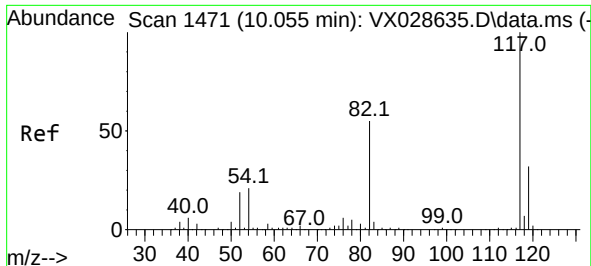
Tgt Ion: 43 Resp: 333009
Ion Ratio Lower Upper
43 100
58 19.4 31.9 95.7#



#62
4-Bromofluorobenzene
Concen: 49.037 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028702.D
Acq: 14 May 2022 01:25

Tgt Ion: 95 Resp: 194058
Ion Ratio Lower Upper
95 100
174 76.9 0.0 163.0
176 74.0 0.0 155.0

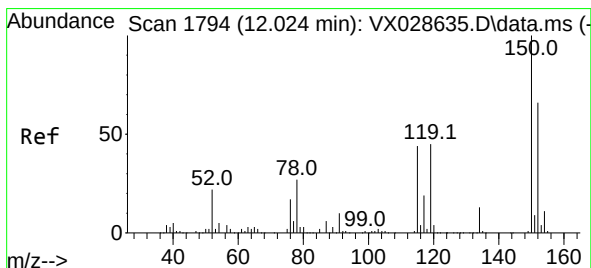
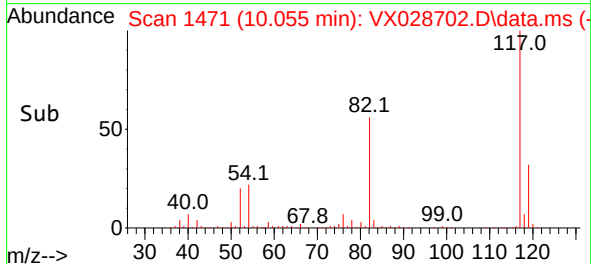
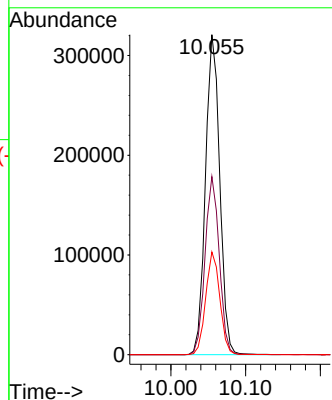
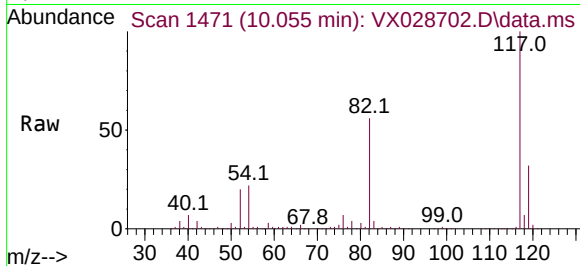




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028702.D
Acq: 14 May 2022 01:25

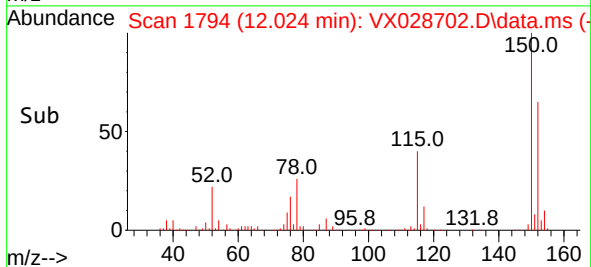
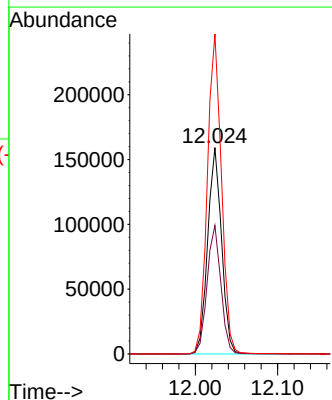
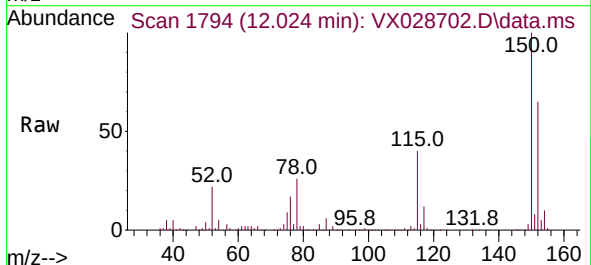
Instrument :
MSVOA_X
ClientSampleId :
PB144781ZHE#03

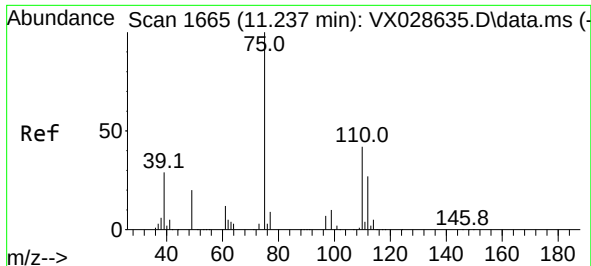
Tgt Ion:117 Resp: 425381
Ion Ratio Lower Upper
117 100
82 55.6 41.8 62.8
119 32.1 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX028702.D
Acq: 14 May 2022 01:25

Tgt Ion:152 Resp: 187006
Ion Ratio Lower Upper
152 100
115 61.8 37.5 112.7
150 157.1 0.0 338.2

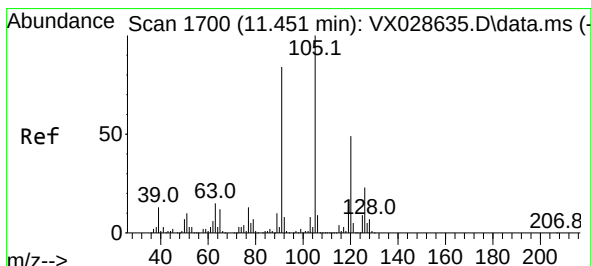
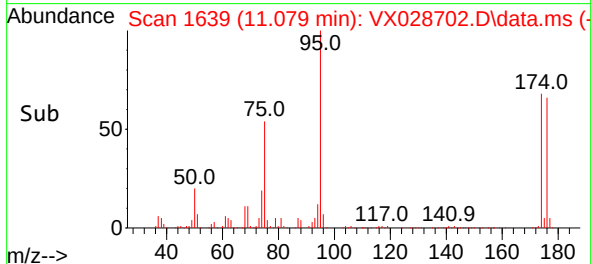
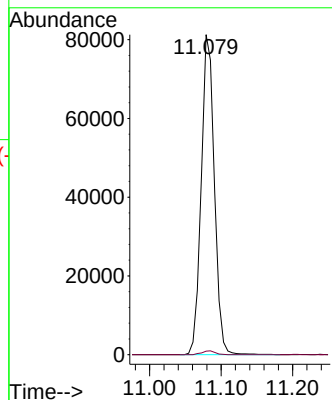
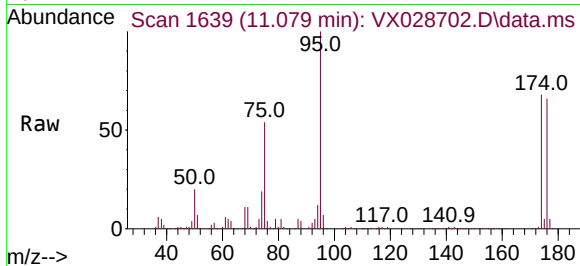




#76
1,2,3-Trichloropropane
Concen: 23.652 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028702.D
Acq: 14 May 2022 01:25

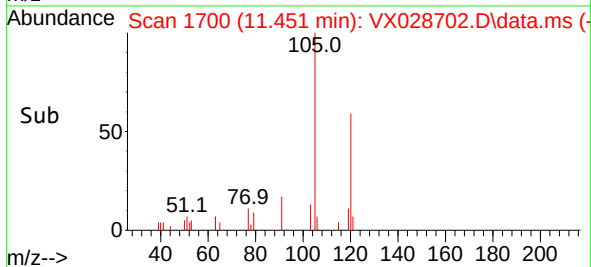
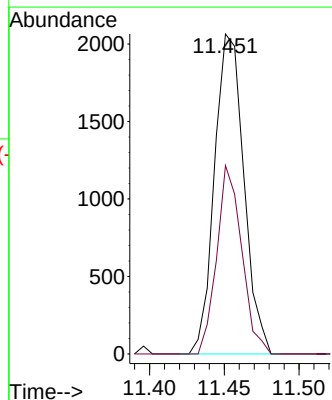
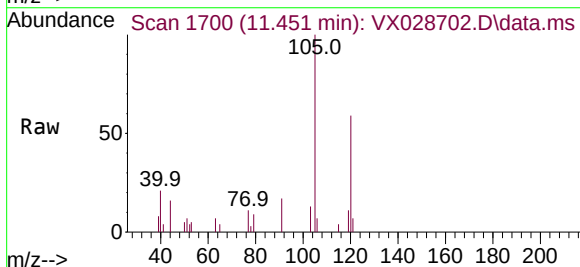
Instrument :
MSVOA_X
ClientSampleId :
PB144781ZHE#03

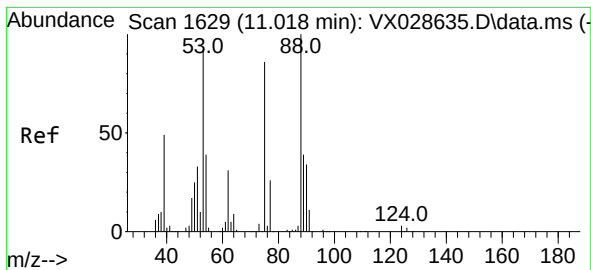
Tgt Ion: 75 Resp: 103583
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#80
1,3,5-Trimethylbenzene
Concen: 0.239 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX028702.D
Acq: 14 May 2022 01:25

Tgt Ion: 105 Resp: 2820
Ion Ratio Lower Upper
105 100
120 50.0 24.3 72.9





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.968 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX028702.D
 Acq: 14 May 2022 01:25

Instrument :
 MSVOA_X
 ClientSampleId :
 PB144781ZHE#03

Tgt Ion: 75 Resp: 103583
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.1 37.0 55.6#

