

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101321\
 Data File : VX024807.D
 Acq On : 14 Oct 2021 00:40
 Operator : JC/MD
 Sample : M4153-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Oct 14 03:59:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 14 03:51:38 2021
 Response via : Initial Calibration

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

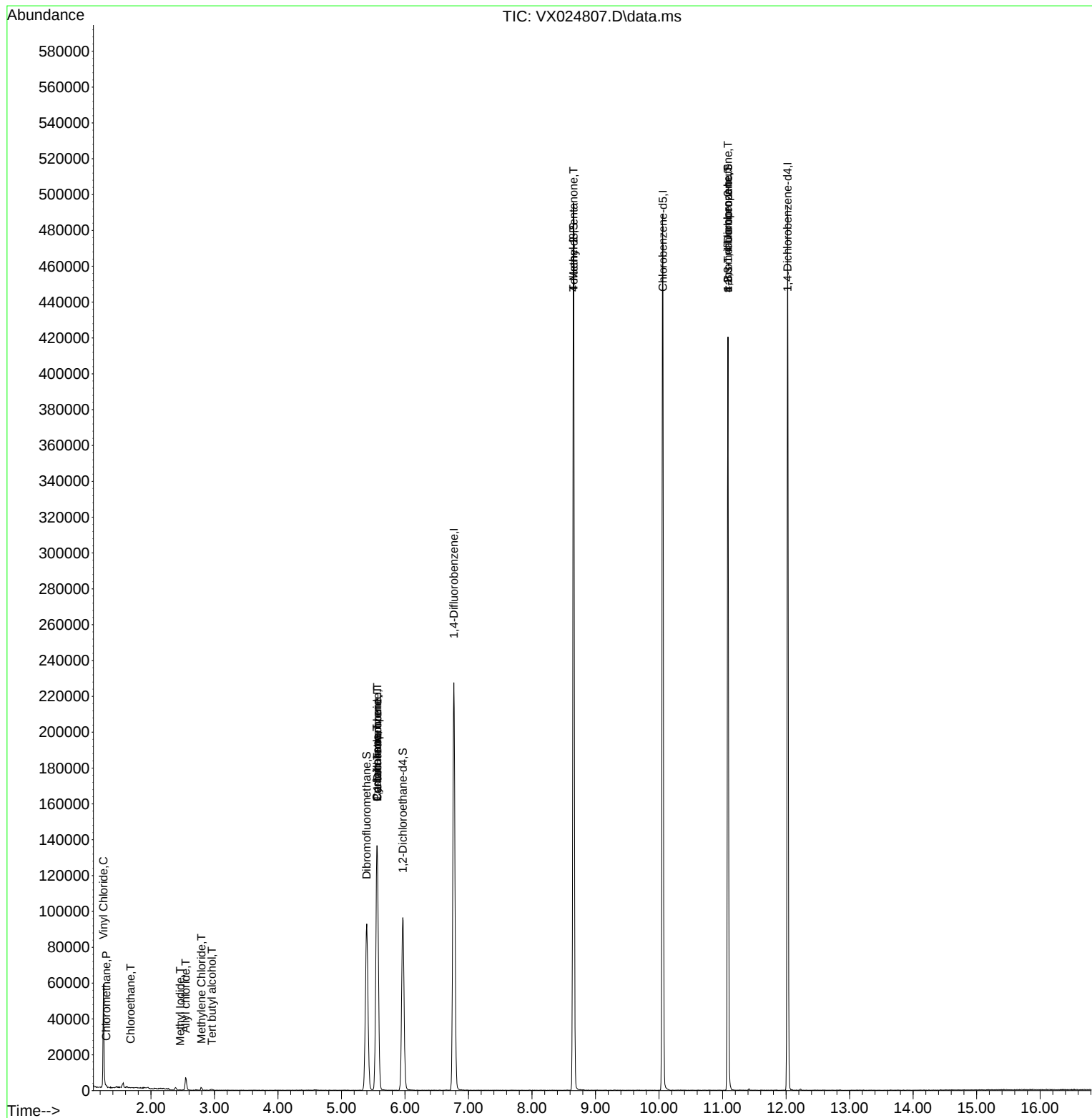
Internal Standards						
1) Pentafluorobenzene	5.562	168	127407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	226493	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	225559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97702	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	98646	62.994	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 125.980%#	
35) Dibromofluoromethane	5.397	113	79050	58.627	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 117.260%	
50) Toluene-d8	8.653	98	281919	56.524	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 113.040%#	
62) 4-Bromofluorobenzene	11.085	95	107196	54.646	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.300%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	449	0.380	ug/l	89
4) Vinyl Chloride	1.252	62	320	0.261	ug/l #	1
5) Bromomethane	1.605	94	406	Below Cal	#	46
6) Chloroethane	1.678	64	226	0.300	ug/l #	43
10) Methyl Iodide	2.459	142	57	0.952	ug/l #	37
11) Tert butyl alcohol	2.959	59	383	1.160	ug/l #	72
14) Allyl chloride	2.544	41	751	0.374	ug/l #	45
16) Acetone	2.386	43	1675	Below Cal		98
20) Methylene Chloride	2.794	84	636	0.479	ug/l #	90
31) Cyclohexane	5.556	56	2723	1.305	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	10381	5.179	ug/l #	49
38) Carbon Tetrachloride	5.562	117	13702	6.101	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1422	0.600	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	55809	27.380	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	55809	73.683	ug/l #	9

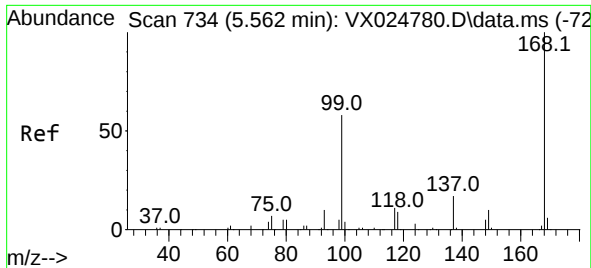
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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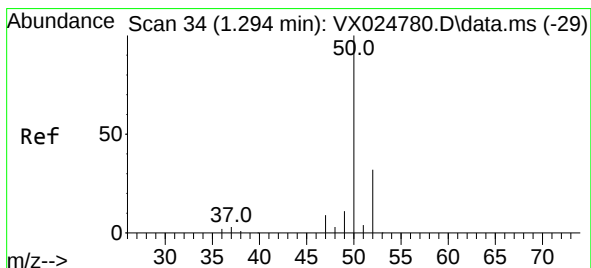
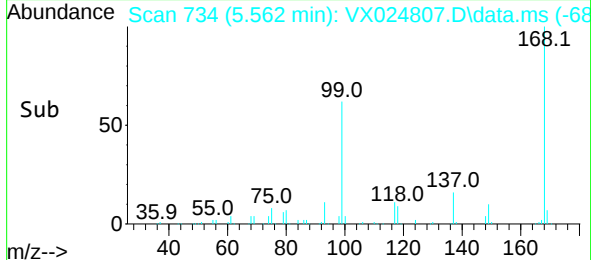
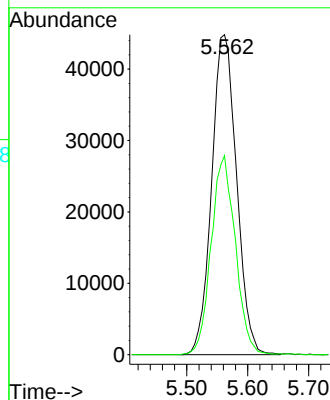
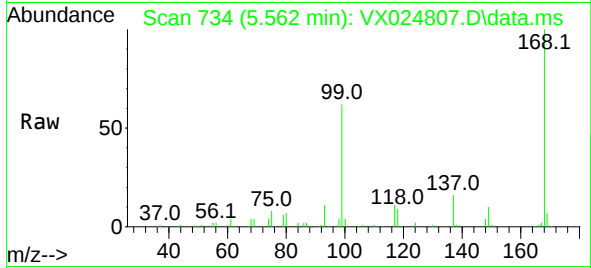




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024807.D
Acq: 14 Oct 2021 00:40

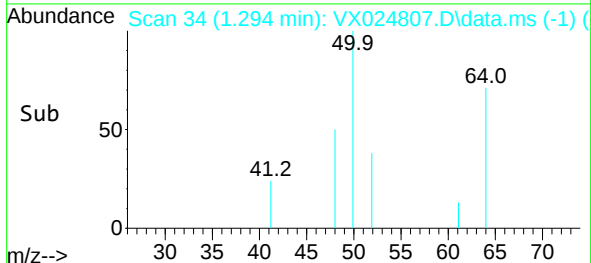
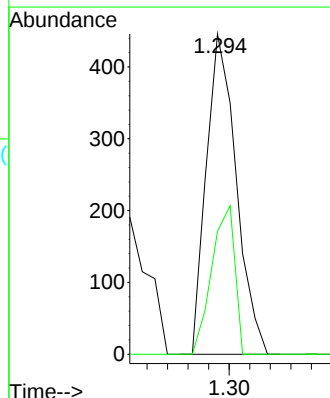
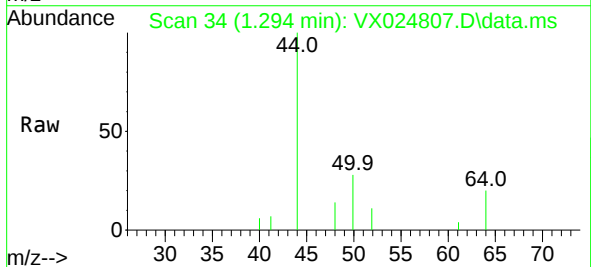
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

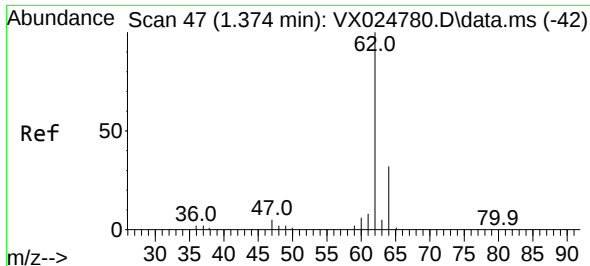
Tgt Ion:168 Resp: 127407
Ion Ratio Lower Upper
168 100
99 62.2 46.4 69.6



#3
Chloromethane
Concen: 0.380 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX024807.D
Acq: 14 Oct 2021 00:40

Tgt Ion: 50 Resp: 449
Ion Ratio Lower Upper
50 100
52 38.3 25.9 38.9

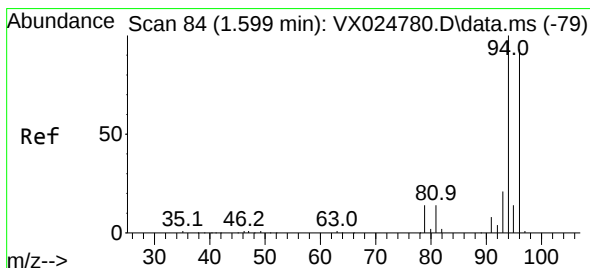
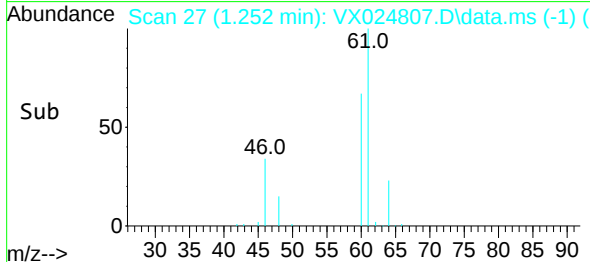
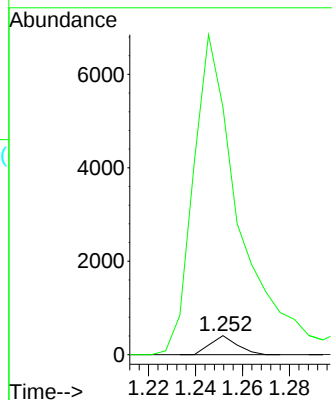
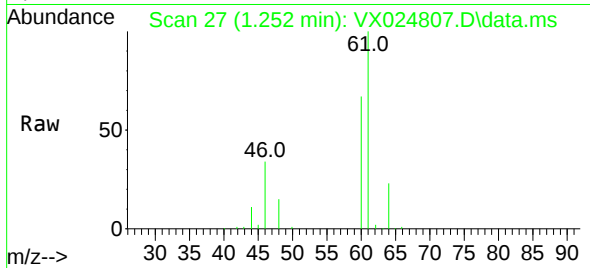




#4
 Vinyl Chloride
 Concen: 0.261 ug/l
 RT: 1.252 min Scan# 27
 Delta R.T. -0.122 min
 Lab File: VX024807.D
 Acq: 14 Oct 2021 00:40

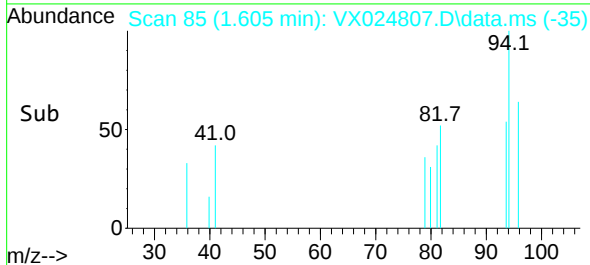
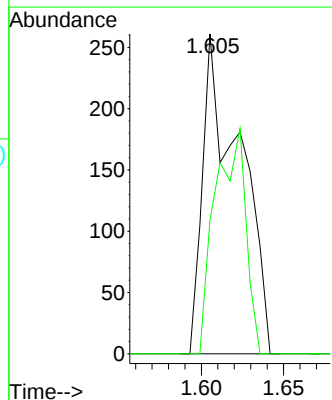
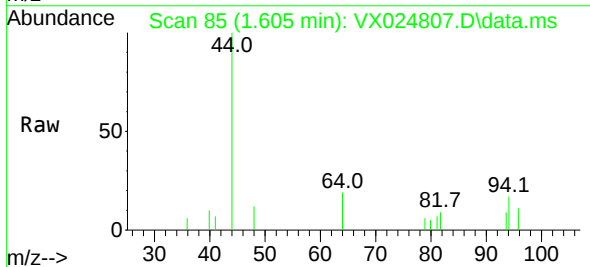
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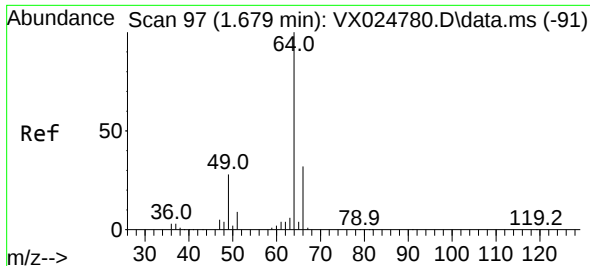
Tgt Ion: 62 Resp: 320
 Ion Ratio Lower Upper
 62 100
 64 1095.8 26.0 39.0#



#5
 Bromomethane
 Concen: Below Cal
 RT: 1.605 min Scan# 85
 Delta R.T. 0.006 min
 Lab File: VX024807.D
 Acq: 14 Oct 2021 00:40

Tgt Ion: 94 Resp: 406
 Ion Ratio Lower Upper
 94 100
 96 41.8 74.8 112.2#

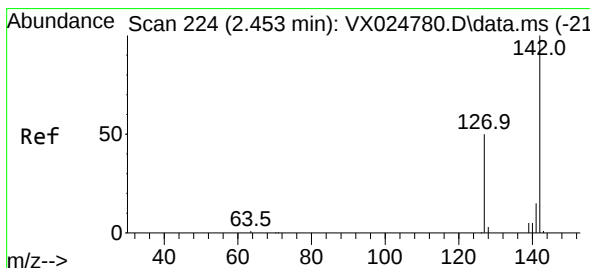
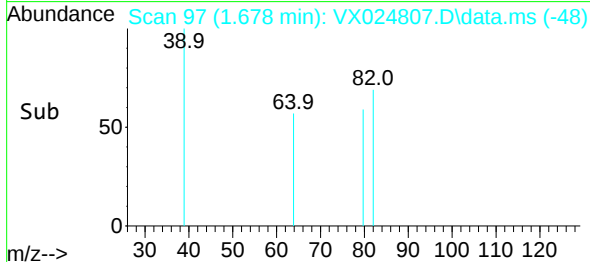
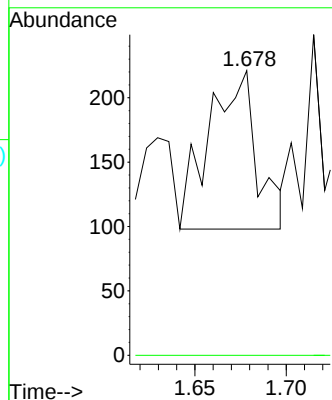
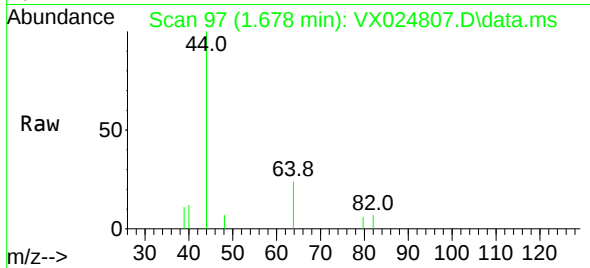




#6
Chloroethane
Concen: 0.300 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX024807.D
Acq: 14 Oct 2021 00:40

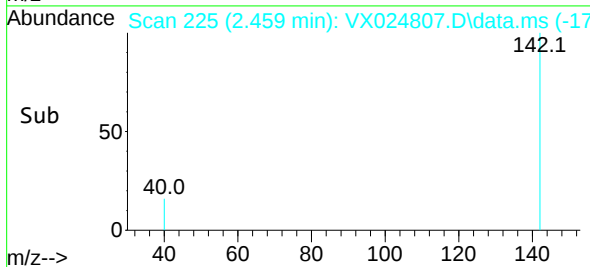
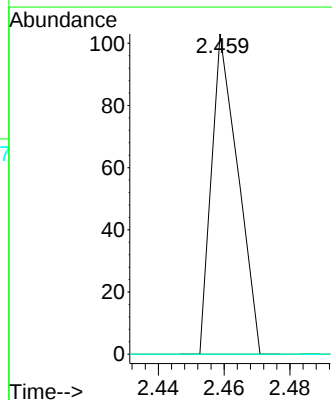
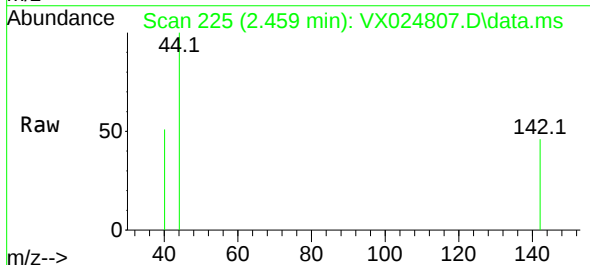
Instrument :
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ClientSampleId :
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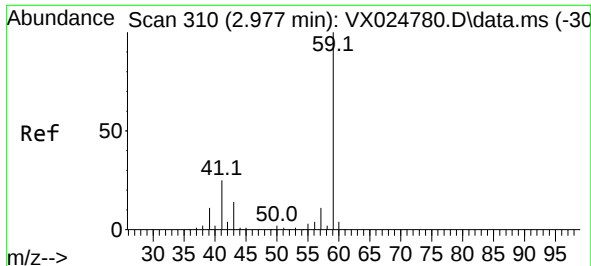
Tgt Ion: 64 Resp: 226
Ion Ratio Lower Upper
64 100
66 0.0 25.6 38.4#



#10
Methyl Iodide
Concen: 0.952 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024807.D
Acq: 14 Oct 2021 00:40

Tgt Ion: 142 Resp: 57
Ion Ratio Lower Upper
142 100
127 0.0 38.9 58.3#
141 0.0 11.7 17.5#



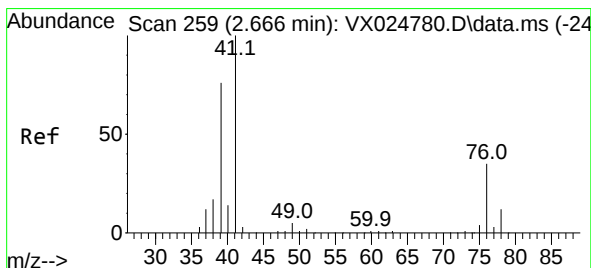
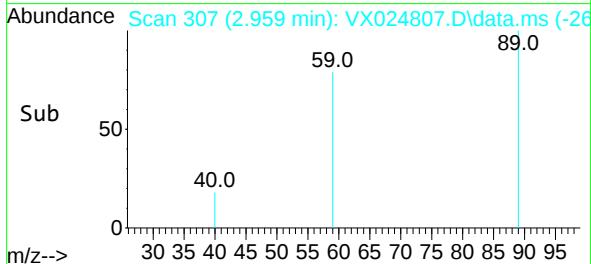
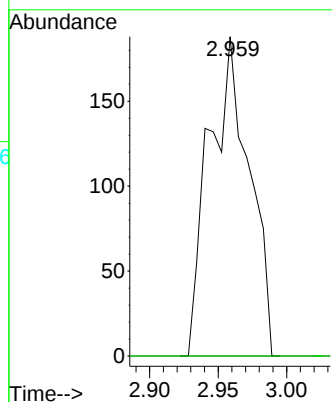
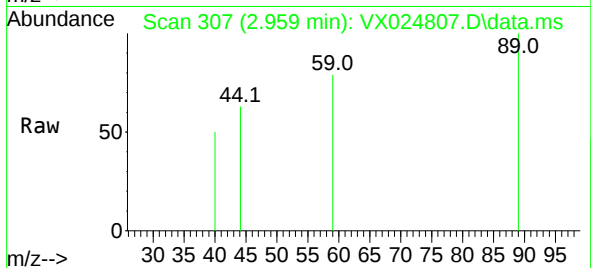


#11

Tert butyl alcohol
Concen: 1.160 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX024807.D
Acq: 14 Oct 2021 00:40

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

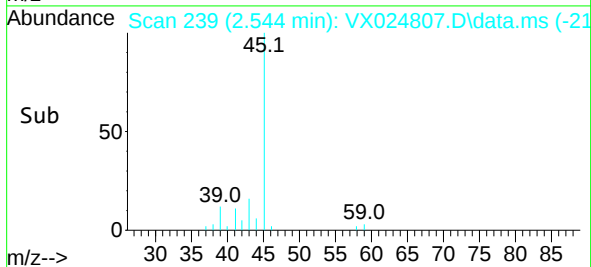
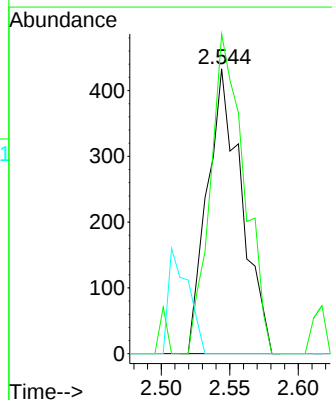
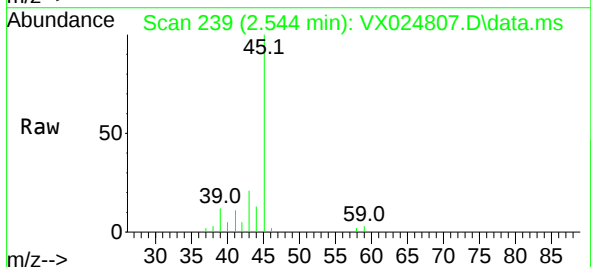
Tgt Ion: 59 Resp: 383
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

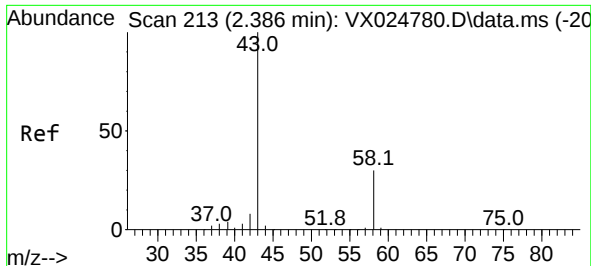


#14

Allyl chloride
Concen: 0.374 ug/l
RT: 2.544 min Scan# 239
Delta R.T. -0.122 min
Lab File: VX024807.D
Acq: 14 Oct 2021 00:40

Tgt Ion: 41 Resp: 751
Ion Ratio Lower Upper
41 100
39 111.7 54.6 82.0#
76 0.0 25.3 37.9#

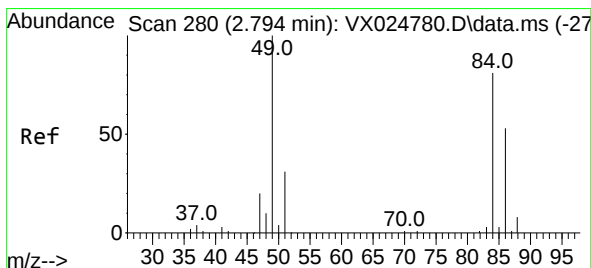
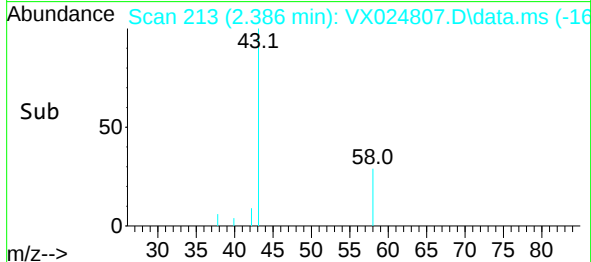
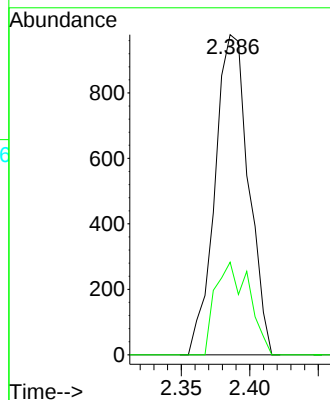
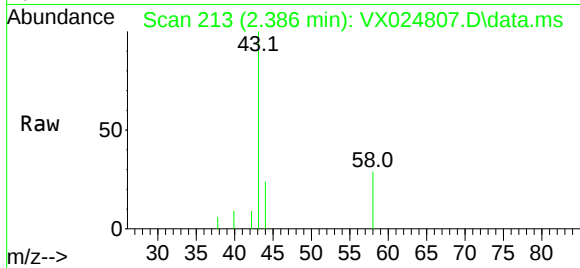




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024807.D
Acq: 14 Oct 2021 00:40

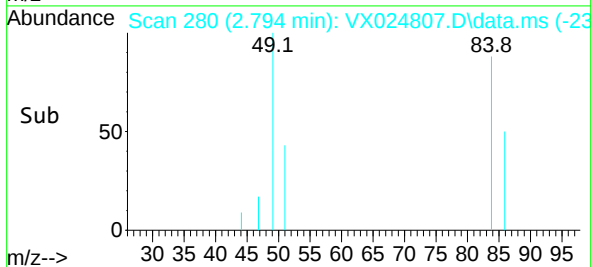
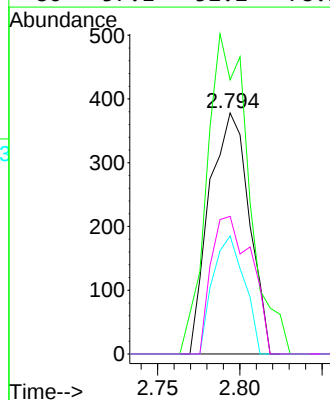
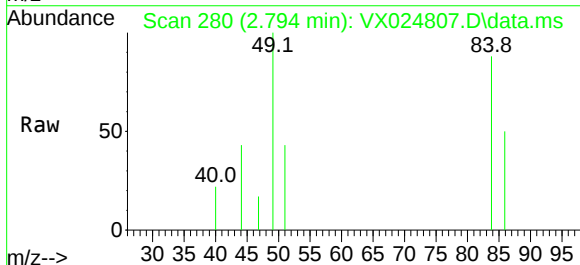
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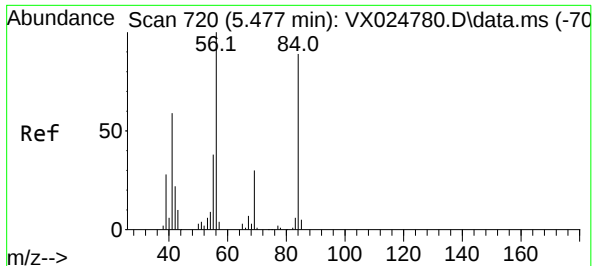
Tgt Ion: 43 Resp: 1675
Ion Ratio Lower Upper
43 100
58 28.9 24.0 36.0



#20
Methylene Chloride
Concen: 0.479 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX024807.D
Acq: 14 Oct 2021 00:40

Tgt Ion: 84 Resp: 636
Ion Ratio Lower Upper
84 100
49 113.8 98.2 147.2
51 48.9 30.2 45.4#
86 57.1 52.2 78.2

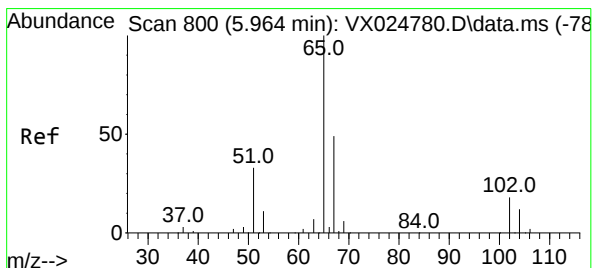
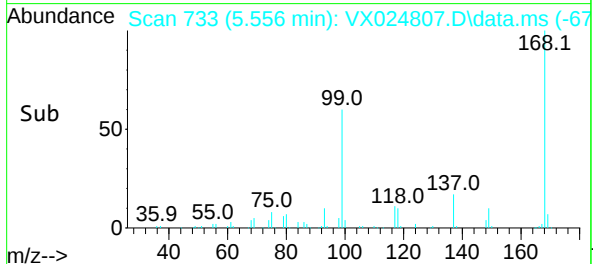
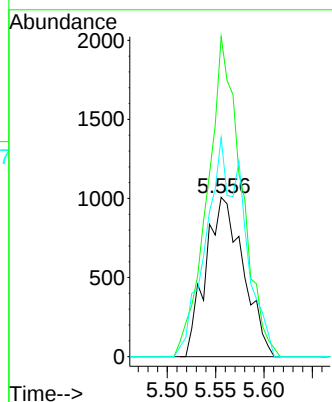
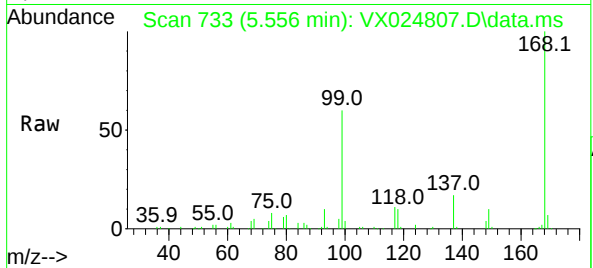




#31
Cyclohexane
Concen: 1.305 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024807.D
Acq: 14 Oct 2021 00:40

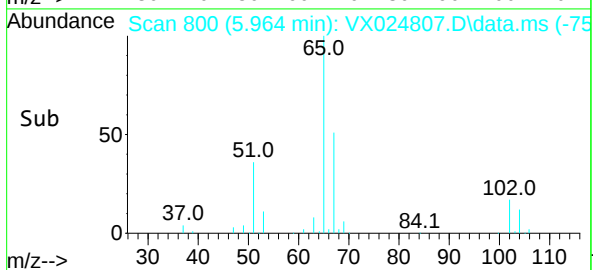
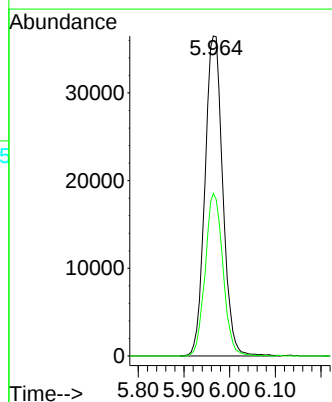
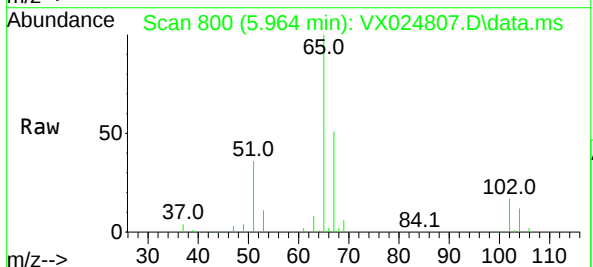
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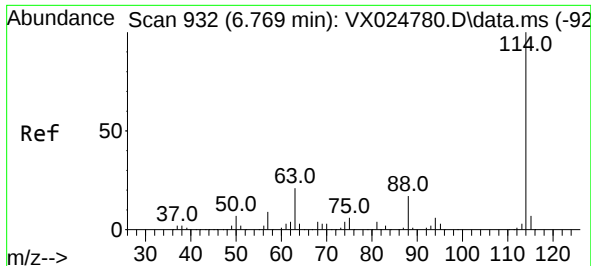
Tgt Ion: 56 Resp: 2723
Ion Ratio Lower Upper
56 100
69 200.9 24.2 36.2#
84 137.5 71.5 107.3#



#33
1,2-Dichloroethane-d4
Concen: 62.994 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX024807.D
Acq: 14 Oct 2021 00:40

Tgt Ion: 65 Resp: 98646
Ion Ratio Lower Upper
65 100
67 50.6 0.0 101.0

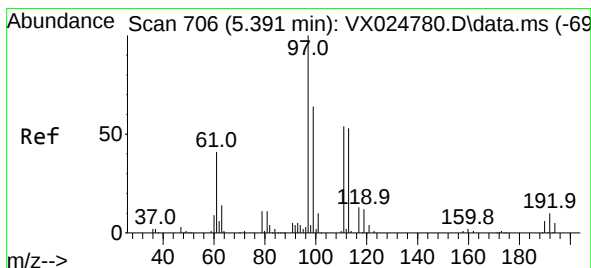
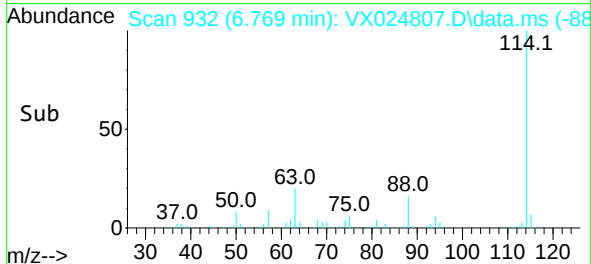
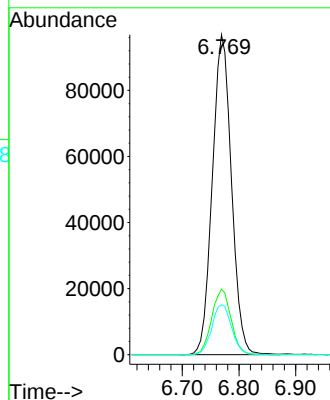
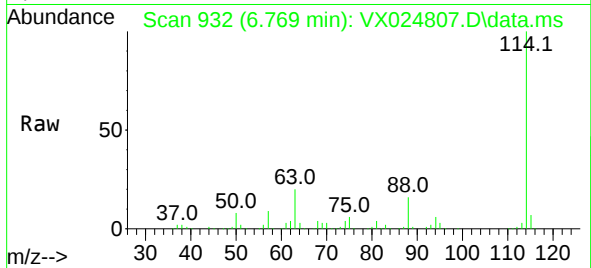




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024807.D
Acq: 14 Oct 2021 00:40

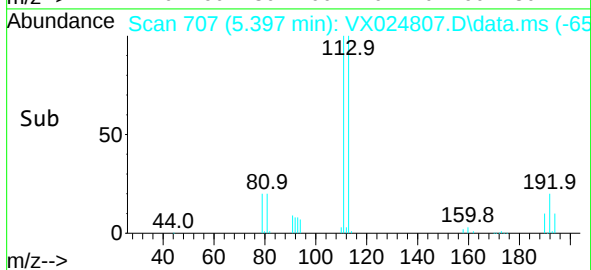
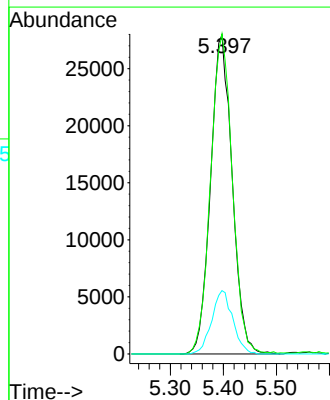
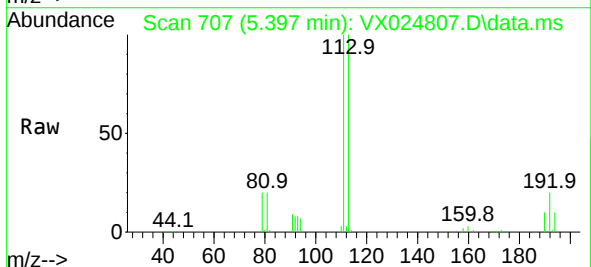
Instrument :
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STORAGE-BLANK-SAMPLE-MANA

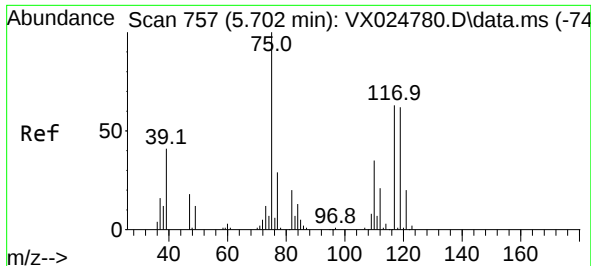
Tgt Ion:114 Resp: 226493
Ion Ratio Lower Upper
114 100
63 20.5 0.0 41.0
88 15.6 0.0 34.8



#35
Dibromofluoromethane
Concen: 58.627 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX024807.D
Acq: 14 Oct 2021 00:40

Tgt Ion:113 Resp: 79050
Ion Ratio Lower Upper
113 100
111 100.8 82.1 123.1
192 19.4 15.6 23.4

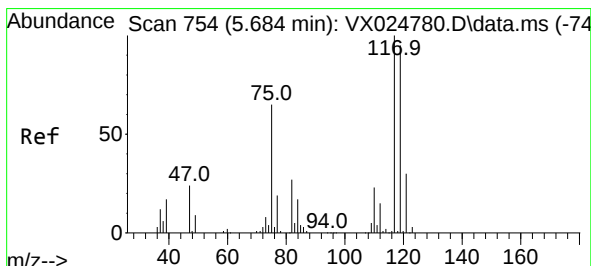
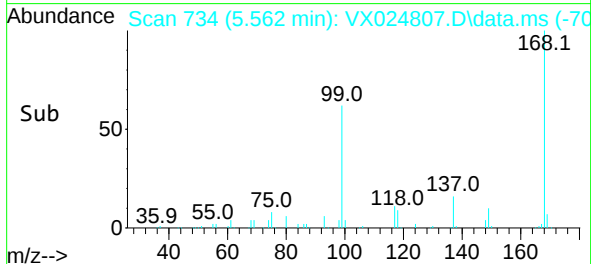
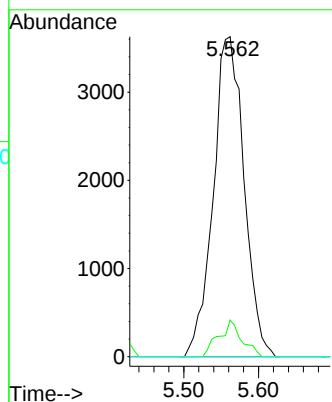
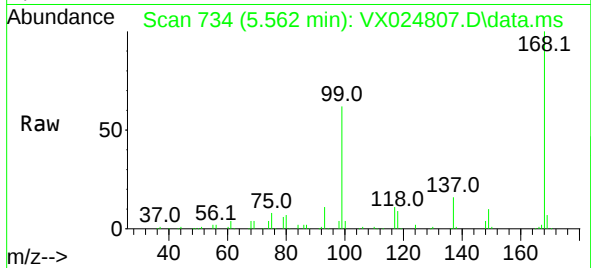




#36
1,1-Dichloropropene
Concen: 5.179 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024807.D
Acq: 14 Oct 2021 00:40

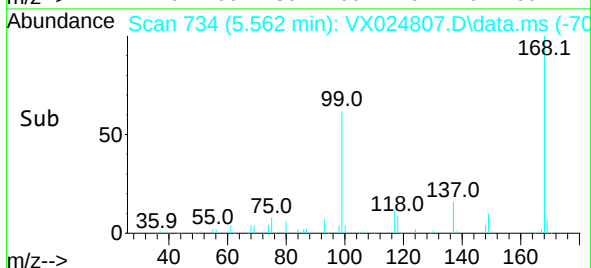
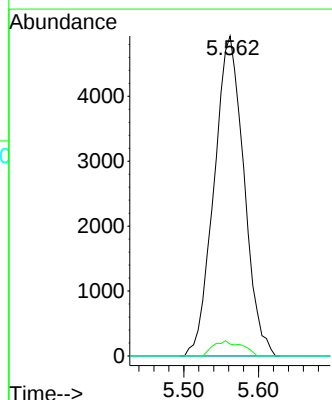
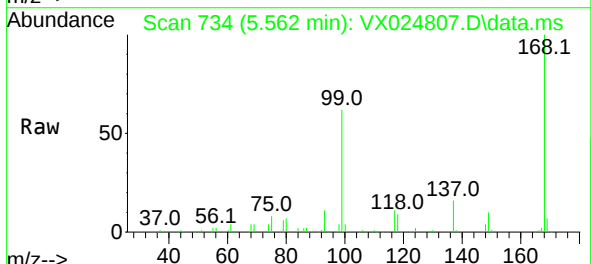
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

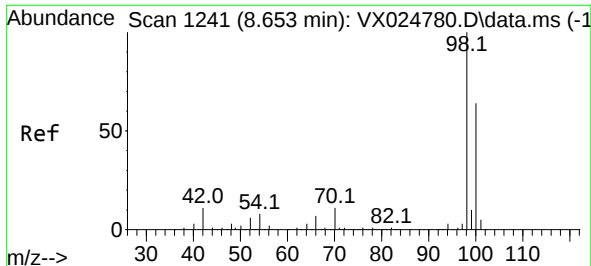
Tgt Ion: 75 Resp: 10381
Ion Ratio Lower Upper
75 100
110 8.5 18.1 54.3#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.101 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX024807.D
Acq: 14 Oct 2021 00:40

Tgt Ion: 117 Resp: 13702
Ion Ratio Lower Upper
117 100
119 3.7 75.6 113.4#
121 0.0 23.7 35.5#

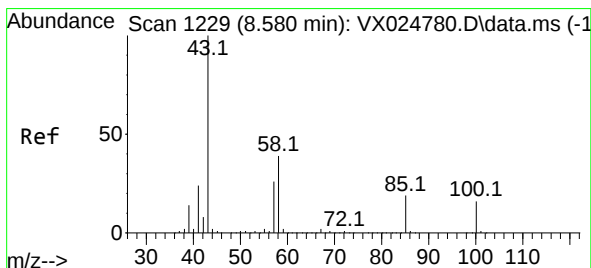
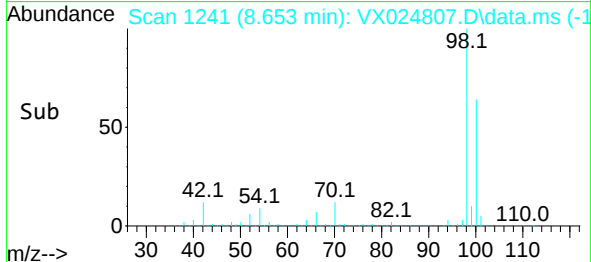
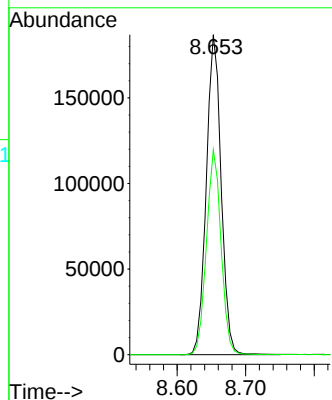
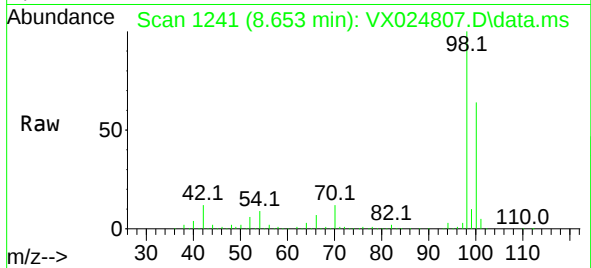




#50
Toluene-d8
Concen: 56.524 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024807.D
Acq: 14 Oct 2021 00:40

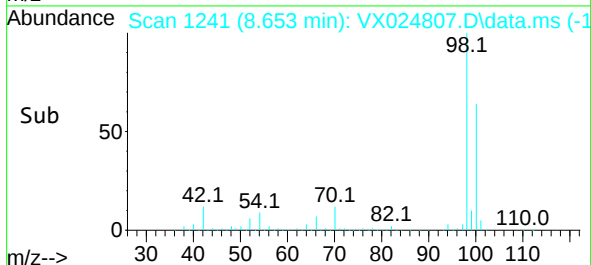
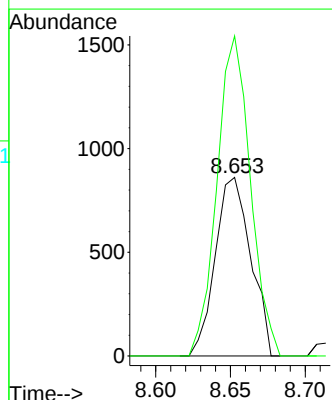
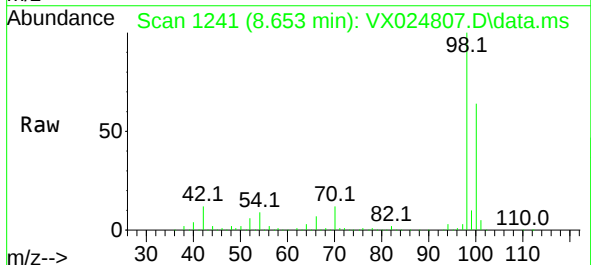
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

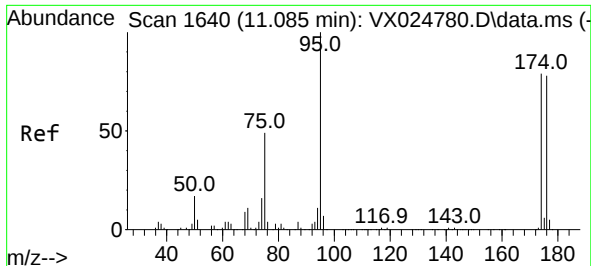
Tgt Ion: 98 Resp: 281919
Ion Ratio Lower Upper
98 100
100 63.1 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.600 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024807.D
Acq: 14 Oct 2021 00:40

Tgt Ion: 43 Resp: 1422
Ion Ratio Lower Upper
43 100
58 168.6 30.9 46.3#

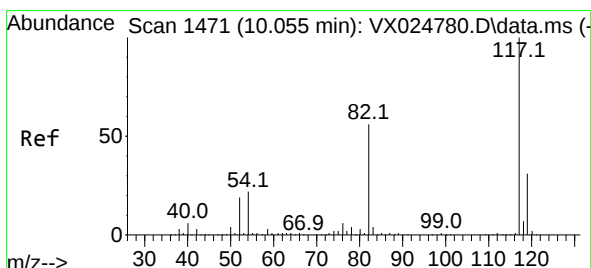
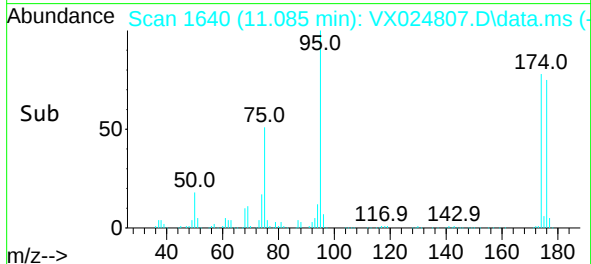
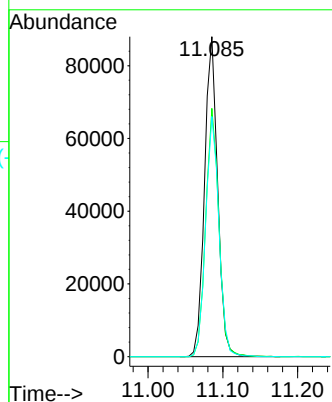
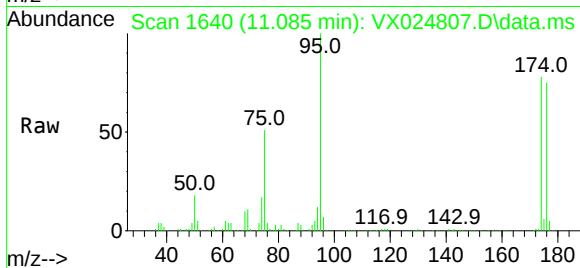




#62
4-Bromofluorobenzene
Concen: 54.646 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX024807.D
Acq: 14 Oct 2021 00:40

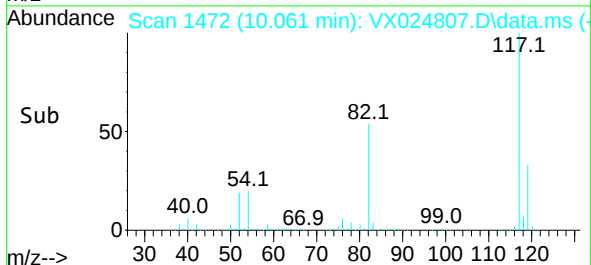
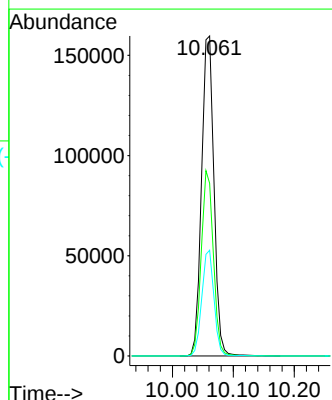
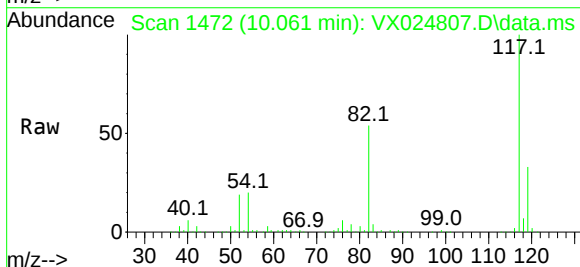
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

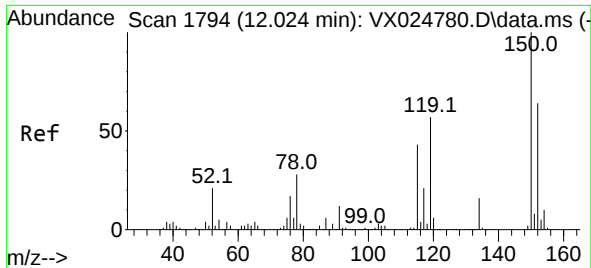
Tgt Ion: 95 Resp: 107196
Ion Ratio Lower Upper
95 100
174 77.8 0.0 158.0
176 76.2 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX024807.D
Acq: 14 Oct 2021 00:40

Tgt Ion: 117 Resp: 225559
Ion Ratio Lower Upper
117 100
82 53.9 44.6 67.0
119 33.1 24.8 37.2

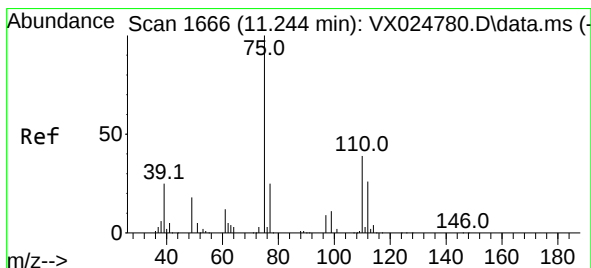
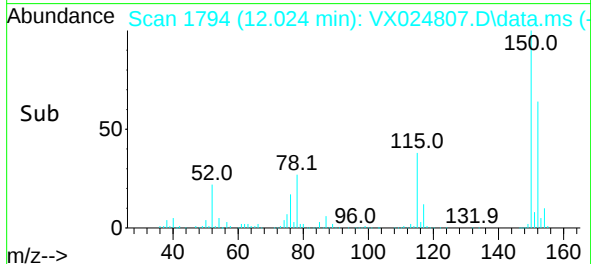
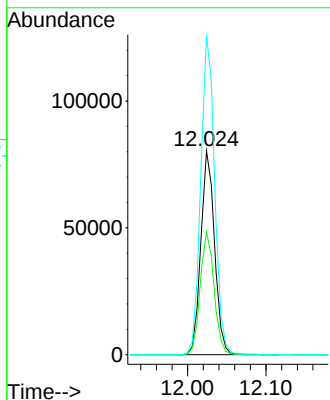
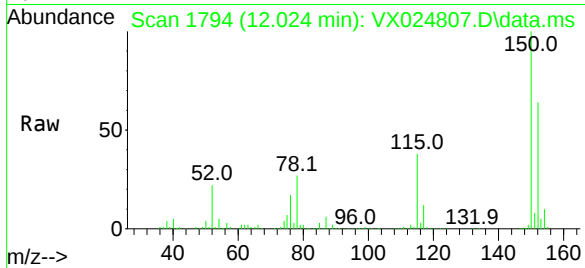




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024807.D
 Acq: 14 Oct 2021 00:40

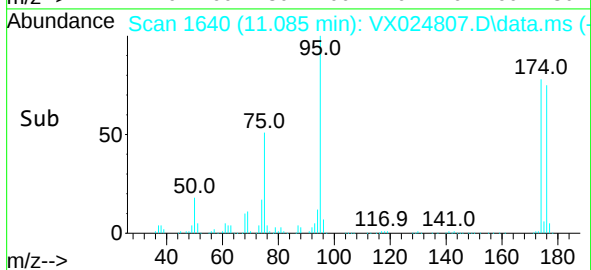
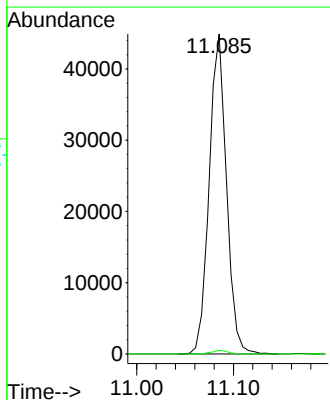
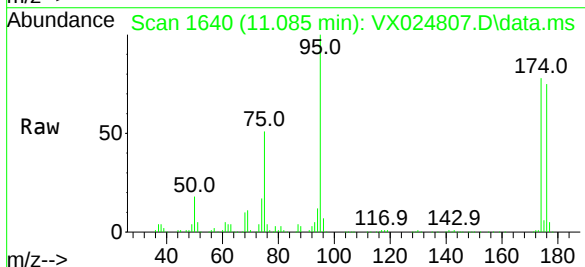
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

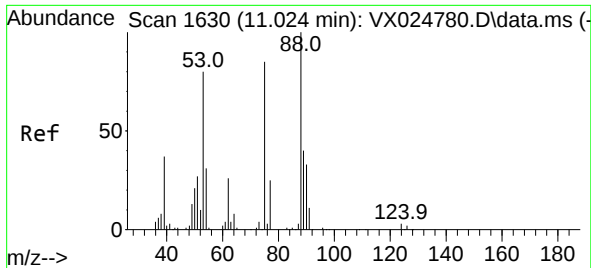
Tgt Ion:152 Resp: 97702
 Ion Ratio Lower Upper
 152 100
 115 60.9 43.3 129.8
 150 158.4 0.0 351.2



#76
 1,2,3-Trichloropropane
 Concen: 27.380 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX024807.D
 Acq: 14 Oct 2021 00:40

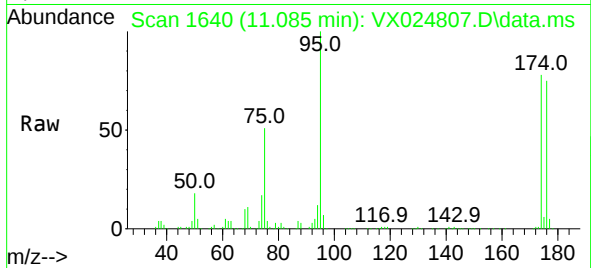
Tgt Ion: 75 Resp: 55809
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.0 59.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.683 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX024807.D
 Acq: 14 Oct 2021 00:40

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA



Tgt Ion: 75 Resp: 55809
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.9 122.9#
 89 0.0 38.2 57.2#

