

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080124\
 Data File : VX042806.D
 Acq On : 01 Aug 2024 19:40
 Operator : JC/MD
 Sample : P3396-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P001-CF05-01

Quant Time: Aug 02 03:17:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 01 16:40:12 2024
 Response via : Initial Calibration

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

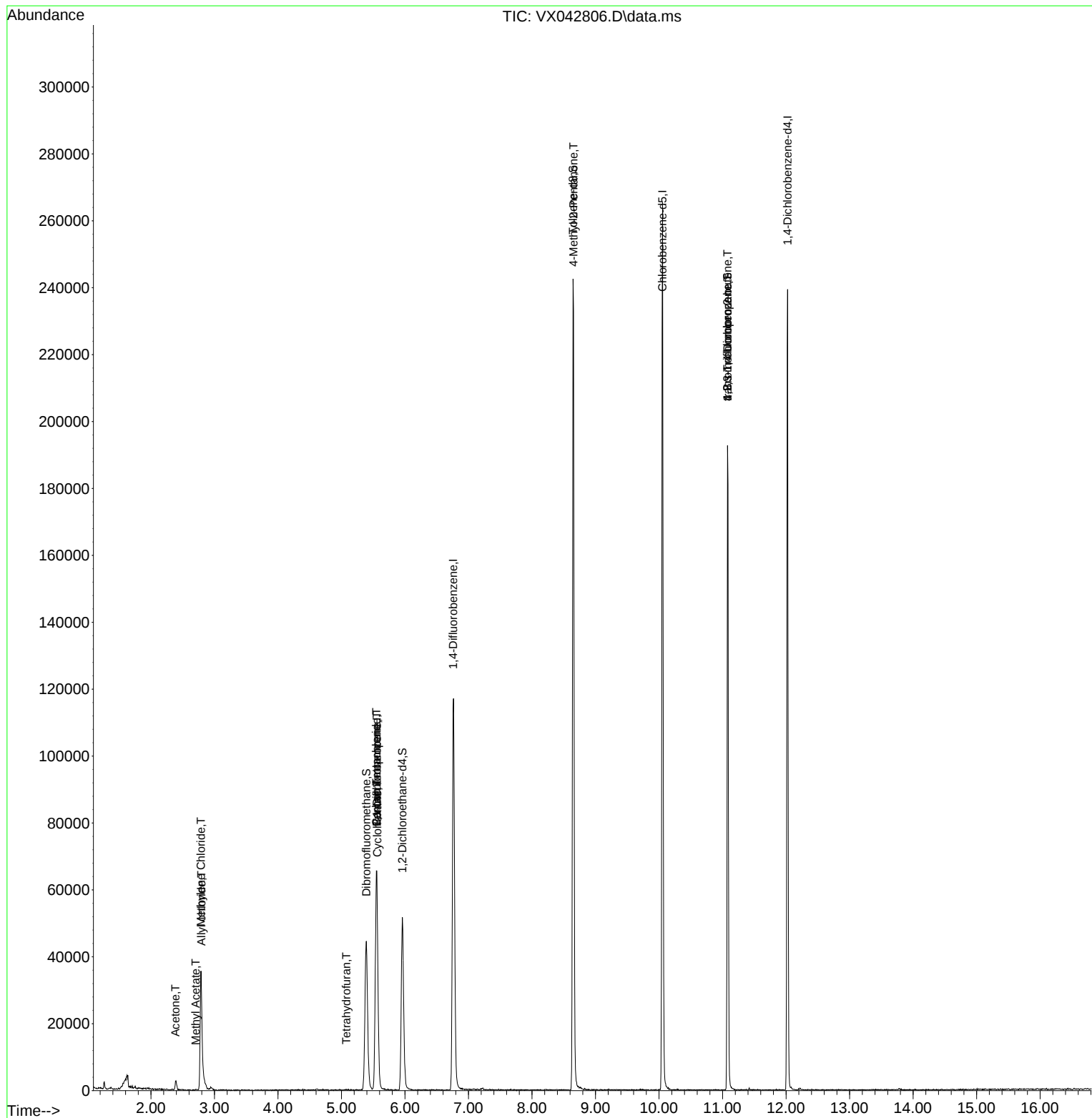
Internal Standards						
1) Pentafluorobenzene	5.556	168	57671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	117288	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46259	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	51898	56.013	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.020%			
35) Dibromofluoromethane	5.391	113	39197	48.377	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.760%			
50) Toluene-d8	8.647	98	147333	50.097	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.200%			
62) 4-Bromofluorobenzene	11.079	95	53974	50.220	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.440%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.319	50	24	Below Cal	#	43
11) Tert butyl alcohol	2.940	59	602	Below Cal	#	78
14) Allyl chloride	2.794	41	756	0.838	ug/l #	24
16) Acetone	2.386	43	3124	9.285	ug/l #	76
18) Methyl Acetate	2.703	43	312	0.370	ug/l #	53
20) Methylene Chloride	2.788	84	20431	26.013	ug/l	97
29) Tetrahydrofuran	5.074	42	95	0.309	ug/l #	34
31) Cyclohexane	5.562	56	1374	1.346	ug/l #	61
36) 1,1-Dichloropropene	5.556	75	5110	4.863	ug/l #	45
38) Carbon Tetrachloride	5.550	117	6938	5.729	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	626	0.563	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	28833	27.277	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	28833	80.735	ug/l #	5

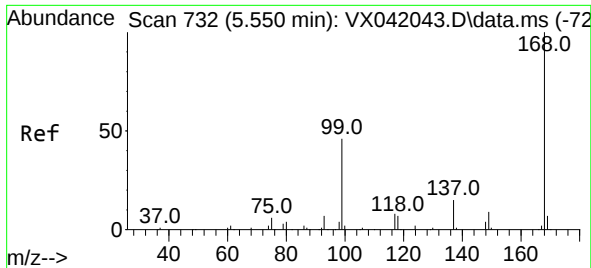
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 02 03:17:46 2024
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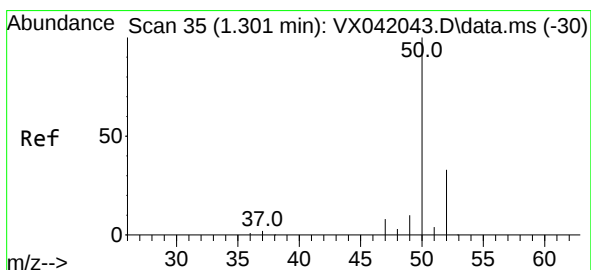
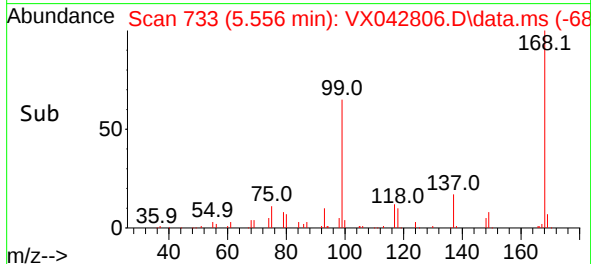
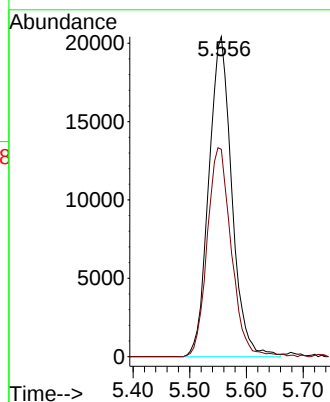
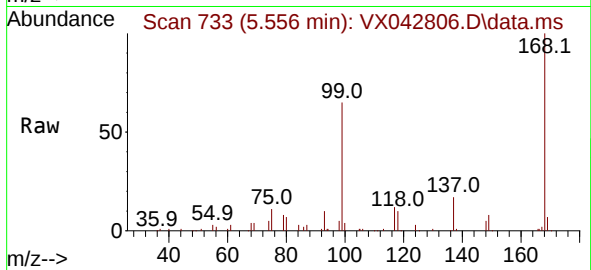




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX042806.D
Acq: 01 Aug 2024 19:40

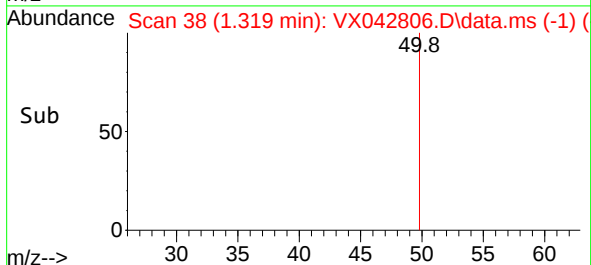
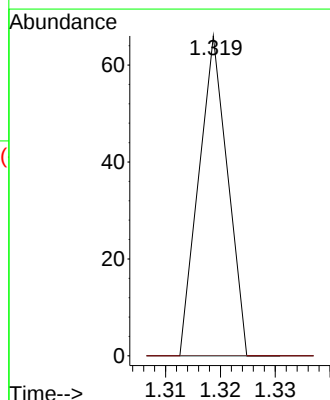
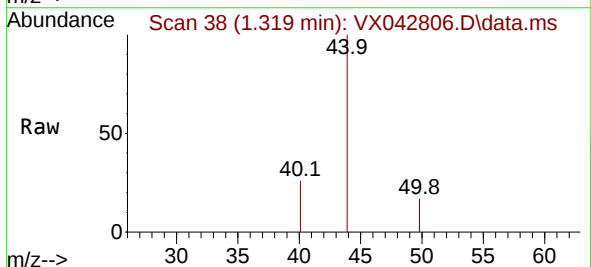
Instrument :
MSVOA_X
ClientSampleId :
P001-CF05-01

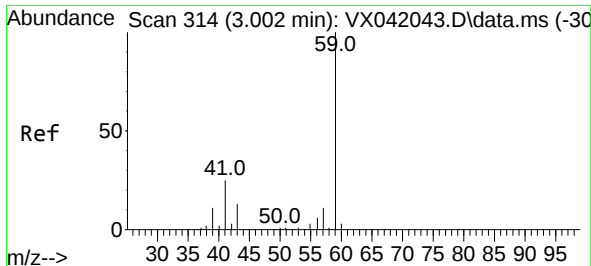
Tgt Ion:168 Resp: 57671
Ion Ratio Lower Upper
168 100
99 64.8 56.6 85.0



#3
Chloromethane
Concen: Below Cal
RT: 1.319 min Scan# 38
Delta R.T. 0.012 min
Lab File: VX042806.D
Acq: 01 Aug 2024 19:40

Tgt Ion: 50 Resp: 24
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.940 min Scan# 30

Delta R.T. -0.067 min

Lab File: VX042806.D

Acq: 01 Aug 2024 19:40

Instrument :

MSVOA_X

ClientSampleId :

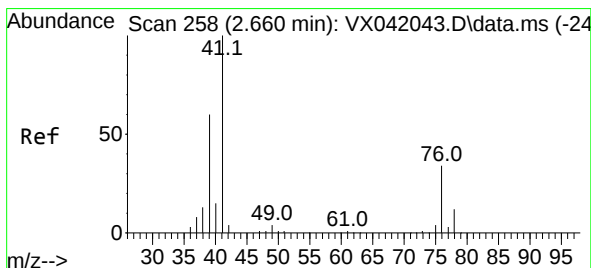
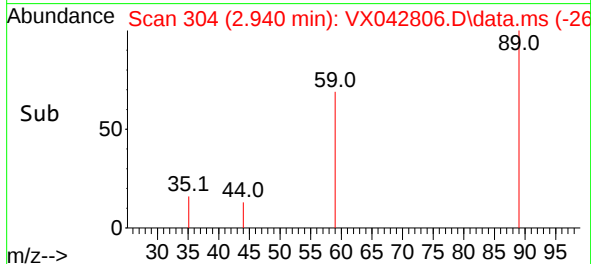
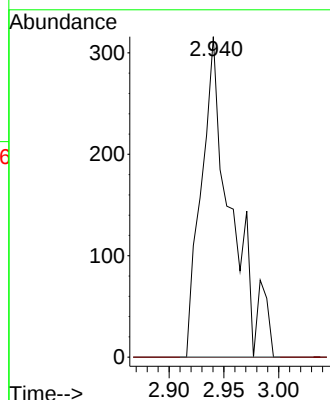
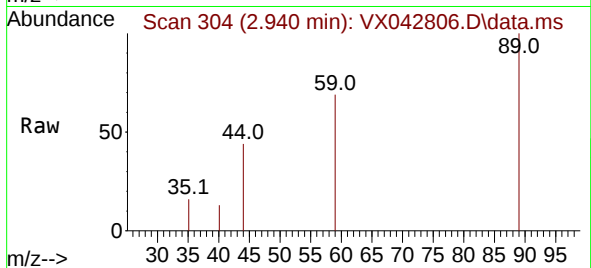
P001-CF05-01

Tgt Ion: 59 Resp: 602

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#14

Allyl chloride

Concen: 0.838 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.134 min

Lab File: VX042806.D

Acq: 01 Aug 2024 19:40

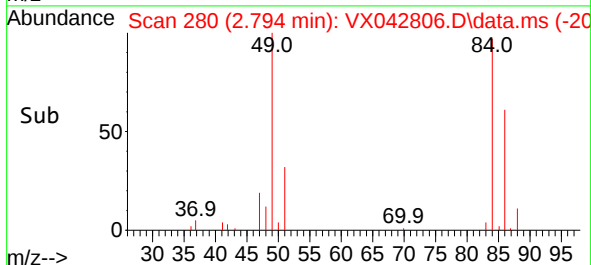
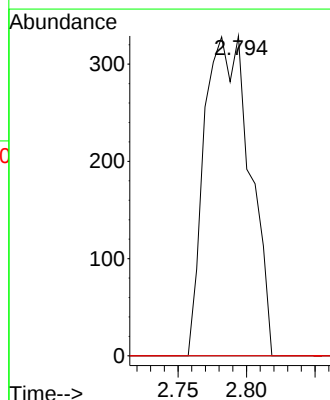
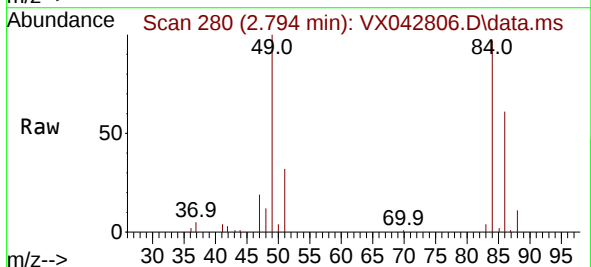
Tgt Ion: 41 Resp: 756

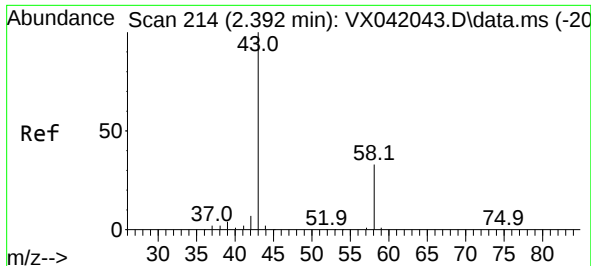
Ion Ratio Lower Upper

41 100

39 0.0 55.8 83.6#

76 0.0 24.3 36.5#

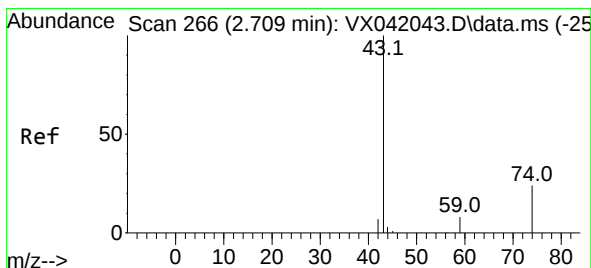
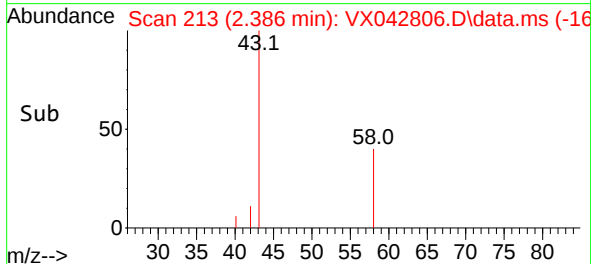
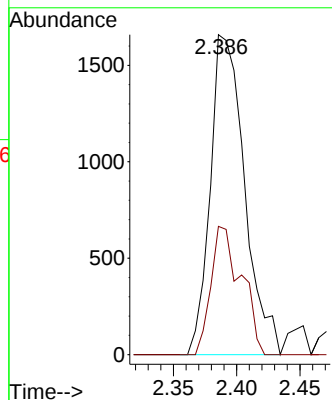
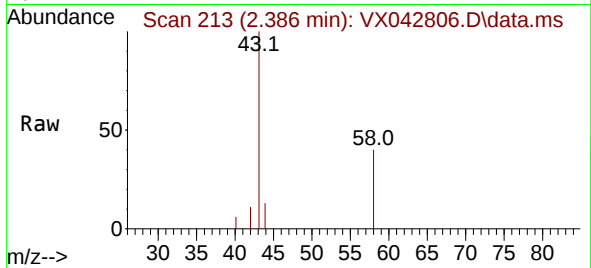




#16
Acetone
Concen: 9.285 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX042806.D
Acq: 01 Aug 2024 19:40

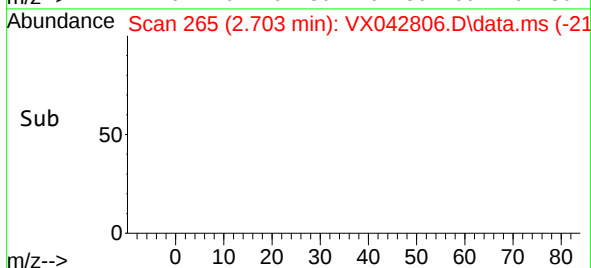
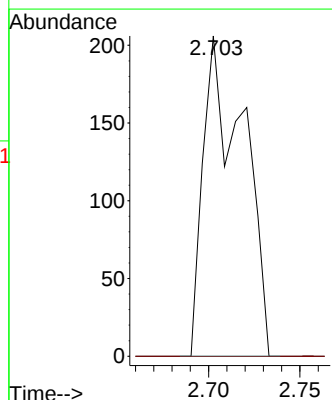
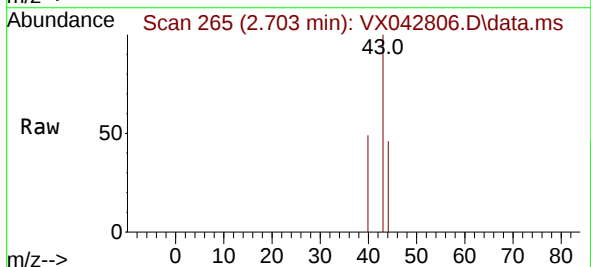
Instrument :
MSVOA_X
ClientSampleId :
P001-CF05-01

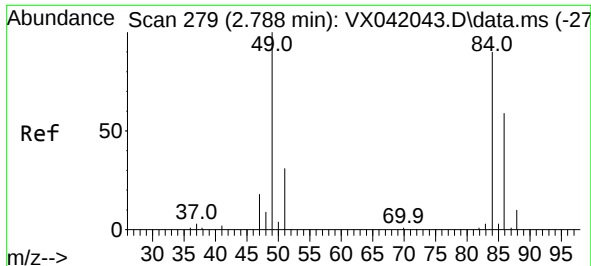
Tgt Ion: 43 Resp: 3124
Ion Ratio Lower Upper
43 100
58 40.1 21.9 32.9#



#18
Methyl Acetate
Concen: 0.370 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX042806.D
Acq: 01 Aug 2024 19:40

Tgt Ion: 43 Resp: 312
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#

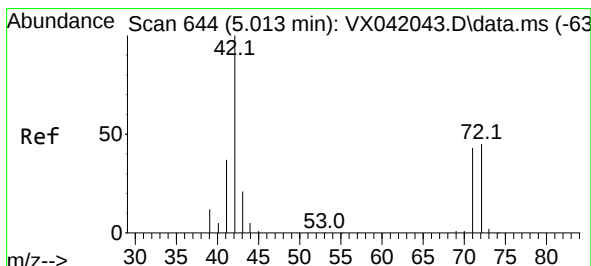
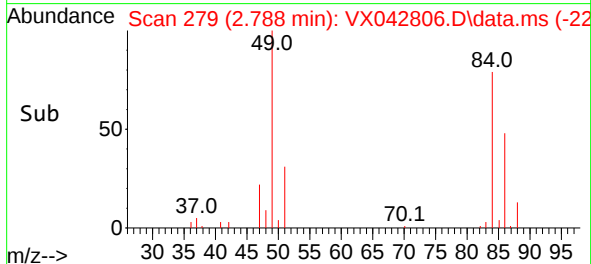
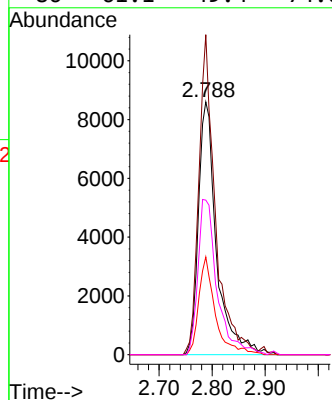
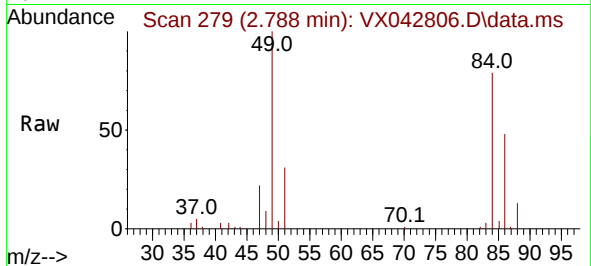




#20
Methylene Chloride
Concen: 26.013 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX042806.D
Acq: 01 Aug 2024 19:40

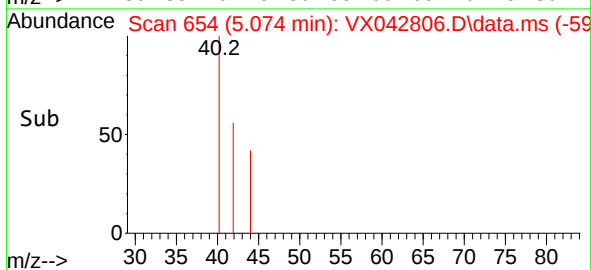
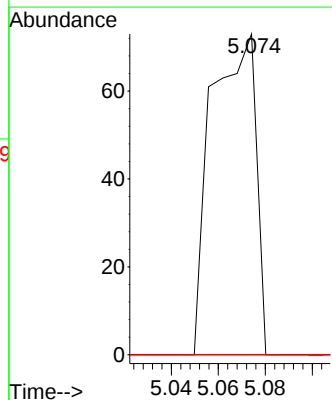
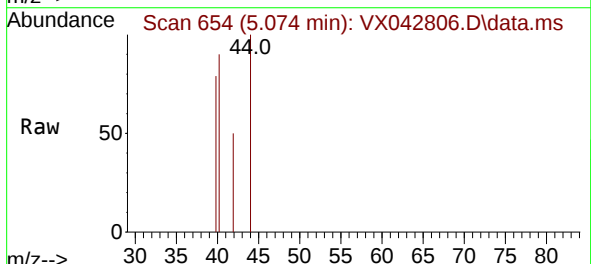
Instrument :
MSVOA_X
ClientSampleId :
P001-CF05-01

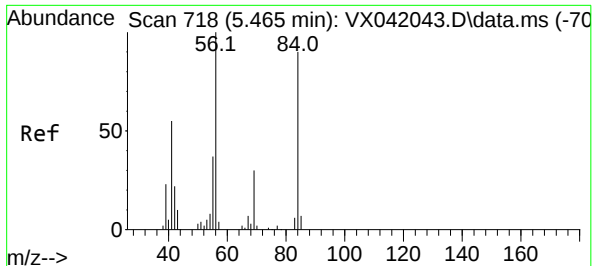
Tgt Ion:	84	Resp:	20431
Ion	Ratio	Lower	Upper
84	100		
49	126.6	103.6	155.4
51	38.7	33.8	50.6
86	61.1	49.4	74.0



#29
Tetrahydrofuran
Concen: 0.309 ug/l
RT: 5.074 min Scan# 654
Delta R.T. 0.055 min
Lab File: VX042806.D
Acq: 01 Aug 2024 19:40

Tgt Ion:	42	Resp:	95
Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.2	51.4#
71	0.0	32.2	48.2#

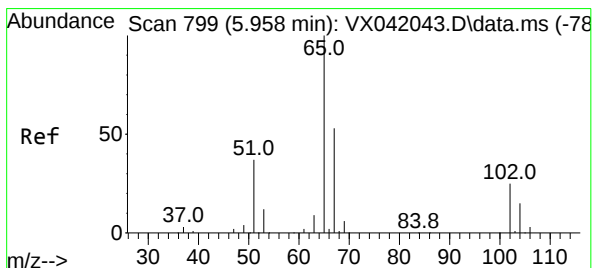
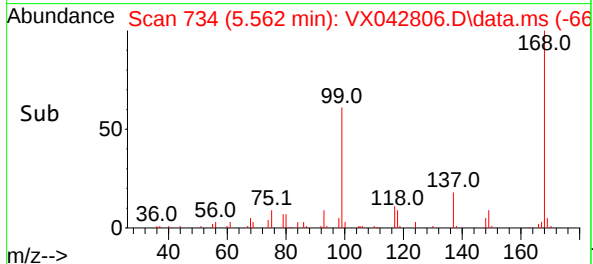
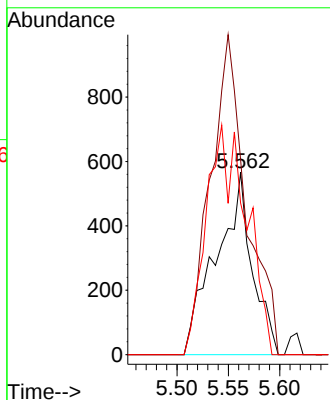
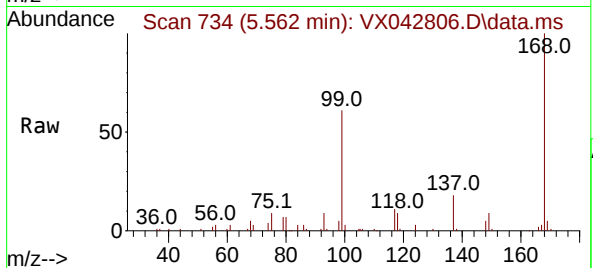




#31
Cyclohexane
Concen: 1.346 ug/l
RT: 5.562 min Scan# 718
Delta R.T. 0.098 min
Lab File: VX042806.D
Acq: 01 Aug 2024 19:40

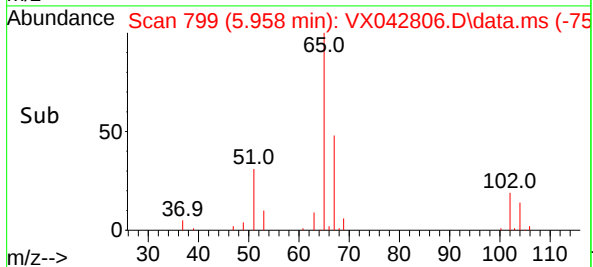
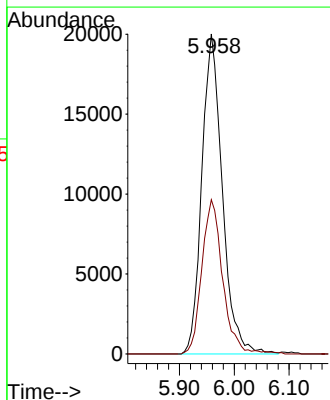
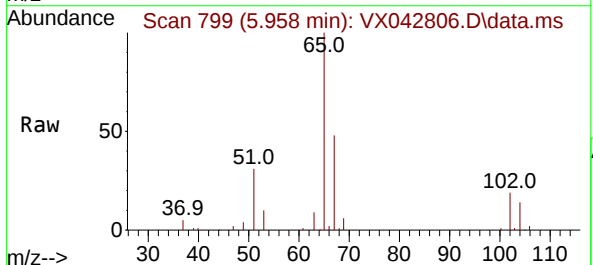
Instrument :
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ClientSampleId :
P001-CF05-01

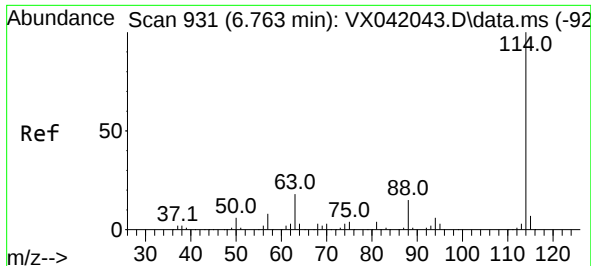
Tgt Ion: 56 Resp: 1374
Ion Ratio Lower Upper
56 100
69 107.1 23.4 35.2#
84 83.2 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 56.013 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX042806.D
Acq: 01 Aug 2024 19:40

Tgt Ion: 65 Resp: 51898
Ion Ratio Lower Upper
65 100
67 49.2 0.0 100.2

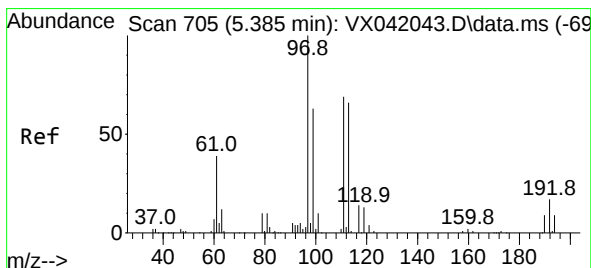
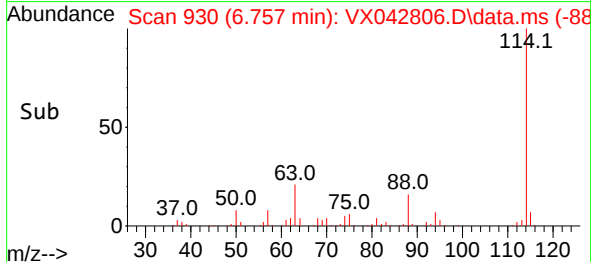
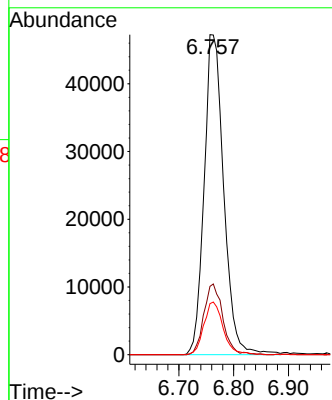
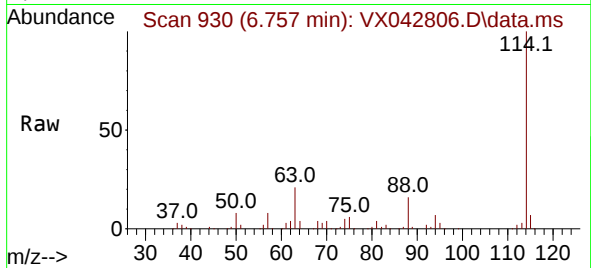




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX042806.D
Acq: 01 Aug 2024 19:40

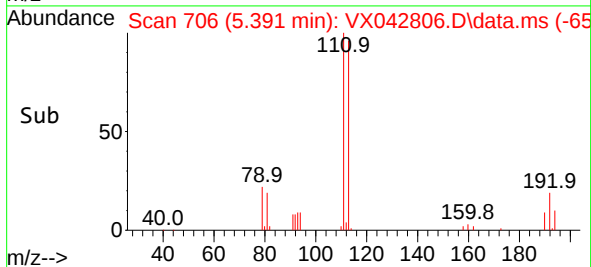
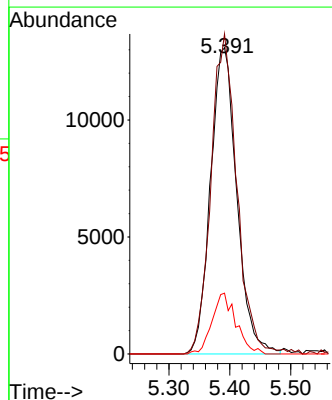
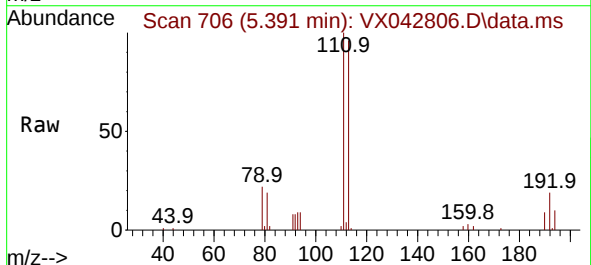
Instrument :
MSVOA_X
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P001-CF05-01

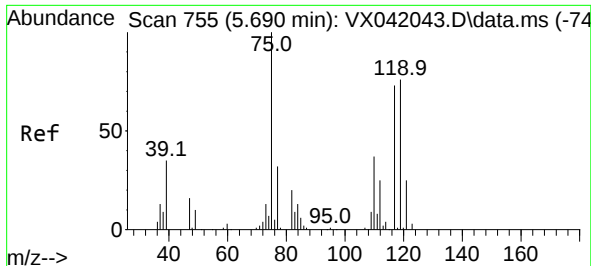
Tgt Ion:114 Resp: 117288
Ion Ratio Lower Upper
114 100
63 21.3 0.0 45.0
88 16.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.377 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX042806.D
Acq: 01 Aug 2024 19:40

Tgt Ion:113 Resp: 39197
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 18.1 13.3 19.9





#36

1,1-Dichloropropene

Concen: 4.863 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX042806.D

Acq: 01 Aug 2024 19:40

Instrument :

MSVOA_X

ClientSampleId :

P001-CF05-01

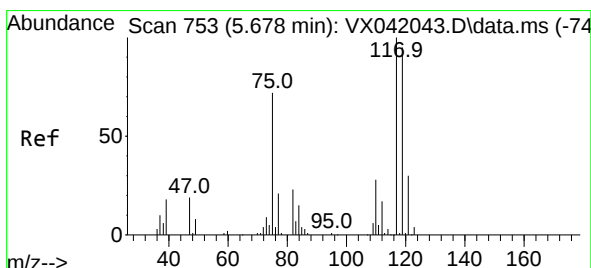
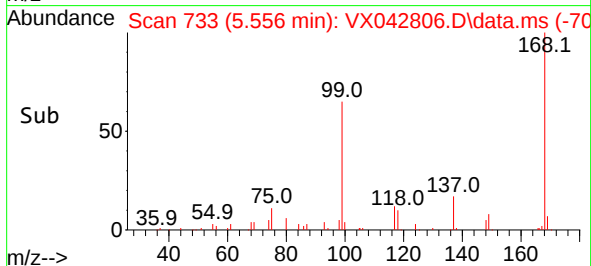
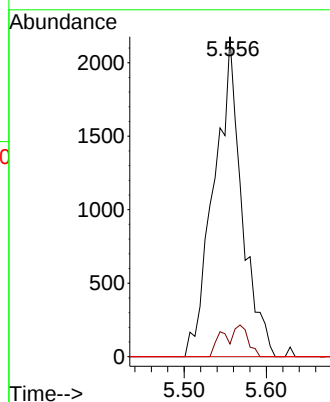
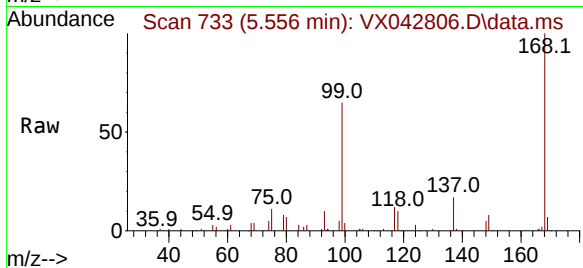
Tgt Ion: 75 Resp: 5110

Ion Ratio Lower Upper

75 100

110 3.6 17.0 50.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.729 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX042806.D

Acq: 01 Aug 2024 19:40

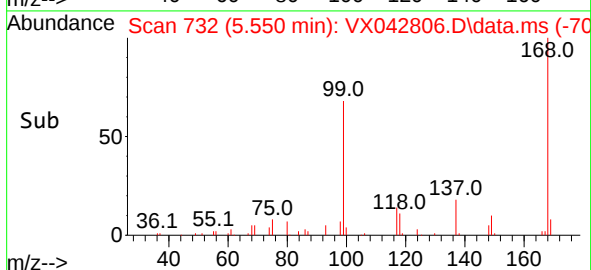
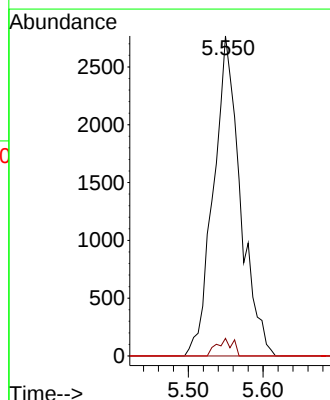
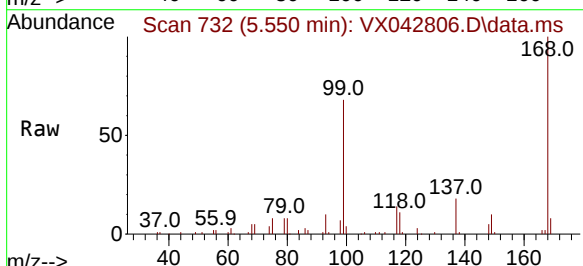
Tgt Ion: 117 Resp: 6938

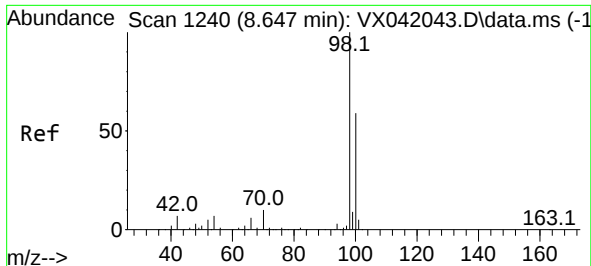
Ion Ratio Lower Upper

117 100

119 5.5 78.2 117.2#

121 0.0 24.4 36.6#

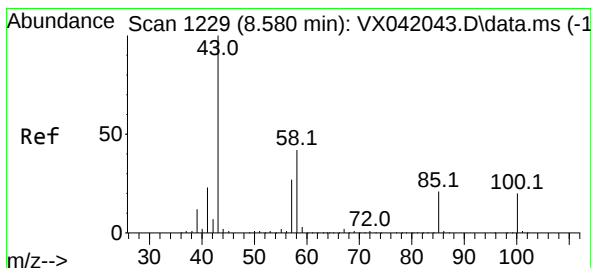
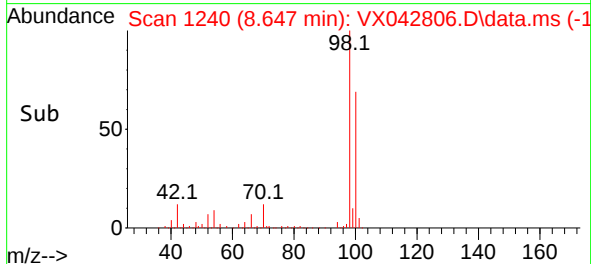
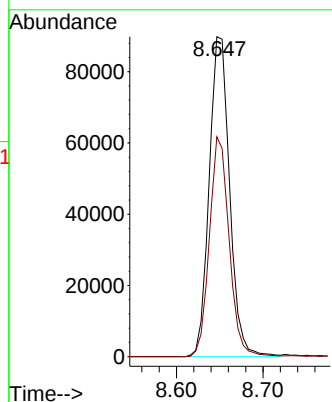
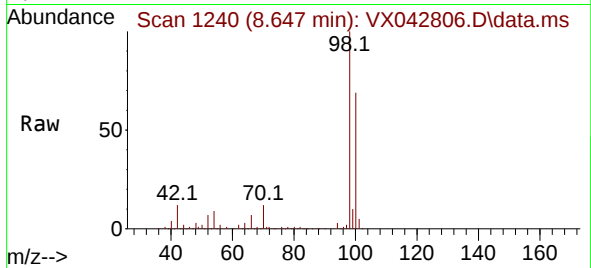




#50
Toluene-d8
Concen: 50.097 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042806.D
Acq: 01 Aug 2024 19:40

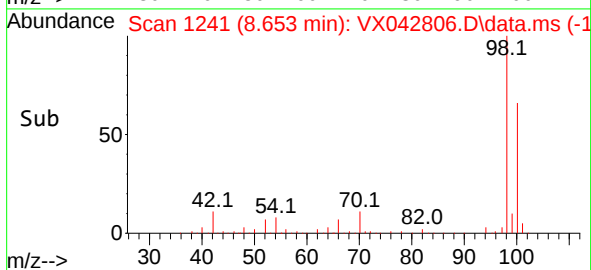
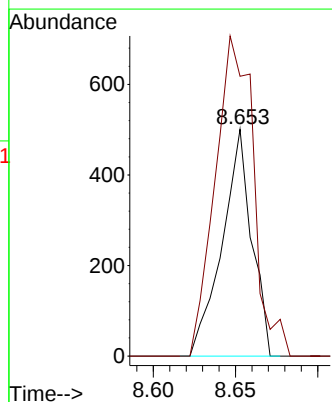
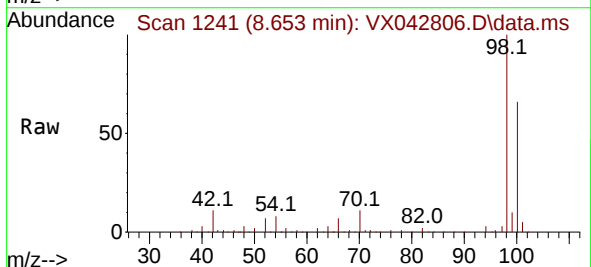
Instrument :
MSVOA_X
ClientSampleId :
P001-CF05-01

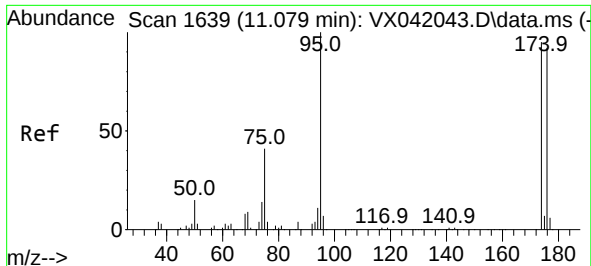
Tgt Ion: 98 Resp: 147333
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.563 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX042806.D
Acq: 01 Aug 2024 19:40

Tgt Ion: 43 Resp: 626
Ion Ratio Lower Upper
43 100
58 182.7 30.4 45.6#

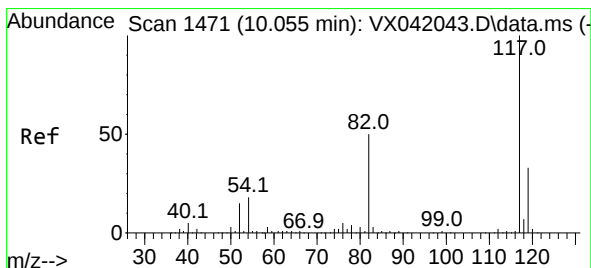
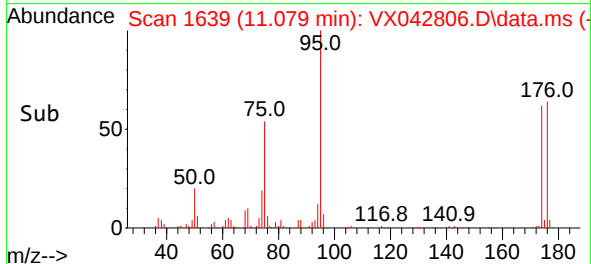
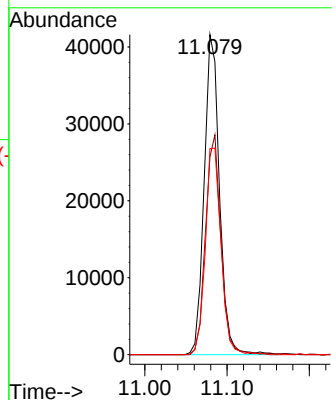
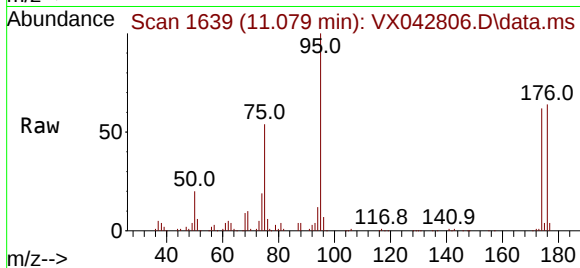




#62
4-Bromofluorobenzene
Concen: 50.220 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042806.D
Acq: 01 Aug 2024 19:40

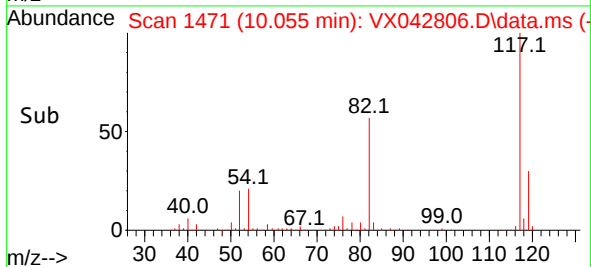
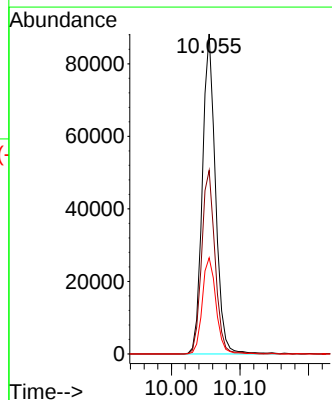
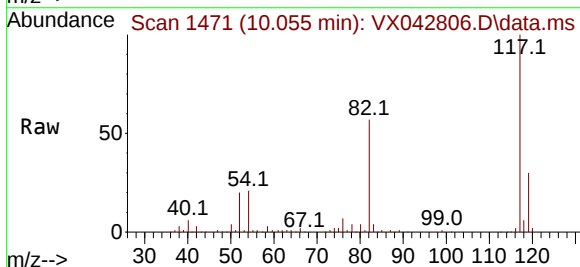
Instrument :
MSVOA_X
ClientSampleId :
P001-CF05-01

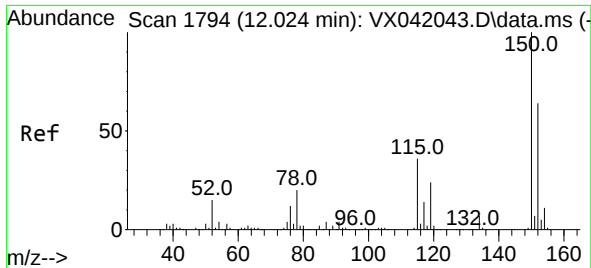
Tgt Ion: 95 Resp: 53974
Ion Ratio Lower Upper
95 100
174 69.3 0.0 135.6
176 66.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042806.D
Acq: 01 Aug 2024 19:40

Tgt Ion: 117 Resp: 117571
Ion Ratio Lower Upper
117 100
82 57.4 46.2 69.4
119 30.0 25.5 38.3

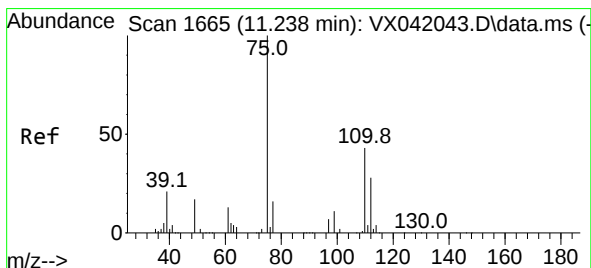
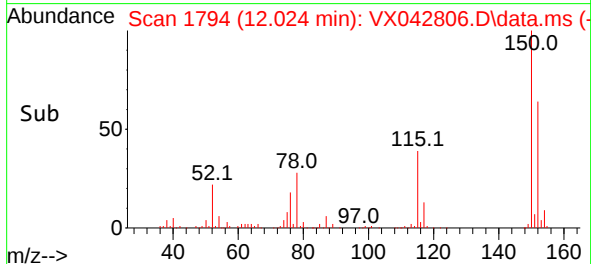
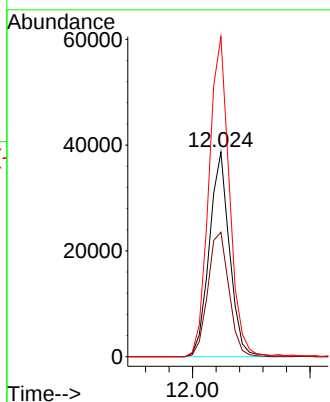
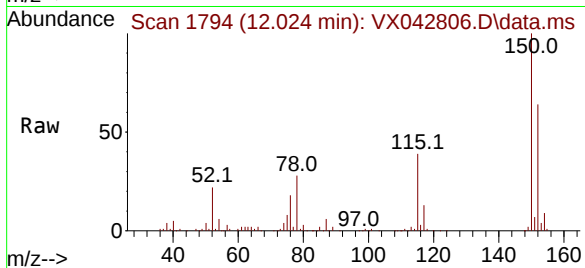




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX042806.D
 Acq: 01 Aug 2024 19:40

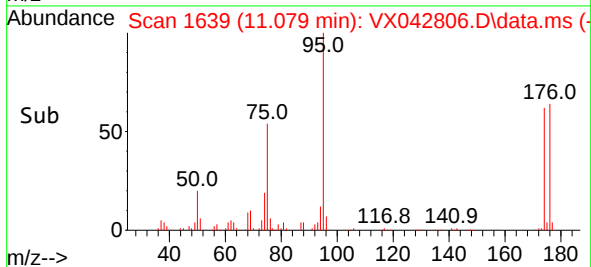
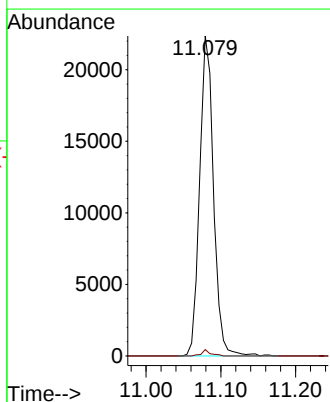
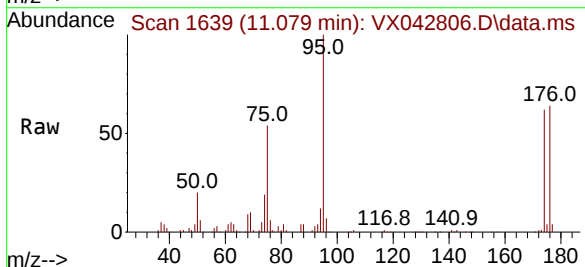
Instrument :
 MSVOA_X
 ClientSampleId :
 P001-CF05-01

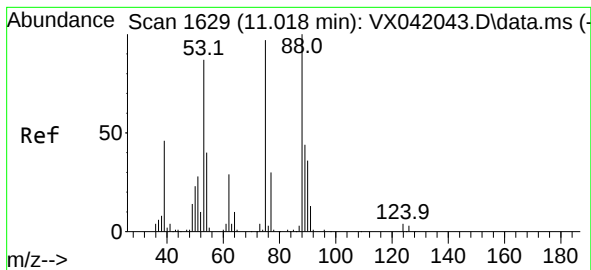
Tgt Ion:152 Resp: 46259
 Ion Ratio Lower Upper
 152 100
 115 63.7 43.3 129.9
 150 158.0 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 27.277 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX042806.D
 Acq: 01 Aug 2024 19:40

Tgt Ion: 75 Resp: 28833
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 80.735 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX042806.D
Acq: 01 Aug 2024 19:40

Instrument :
MSVOA_X
ClientSampleId :
P001-CF05-01

Tgt Ion: 75 Resp: 28833
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

