

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093024\
 Data File : VX043198.D
 Acq On : 30 Sep 2024 15:05
 Operator : JC/MD
 Sample : P4214-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 01 01:52:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

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

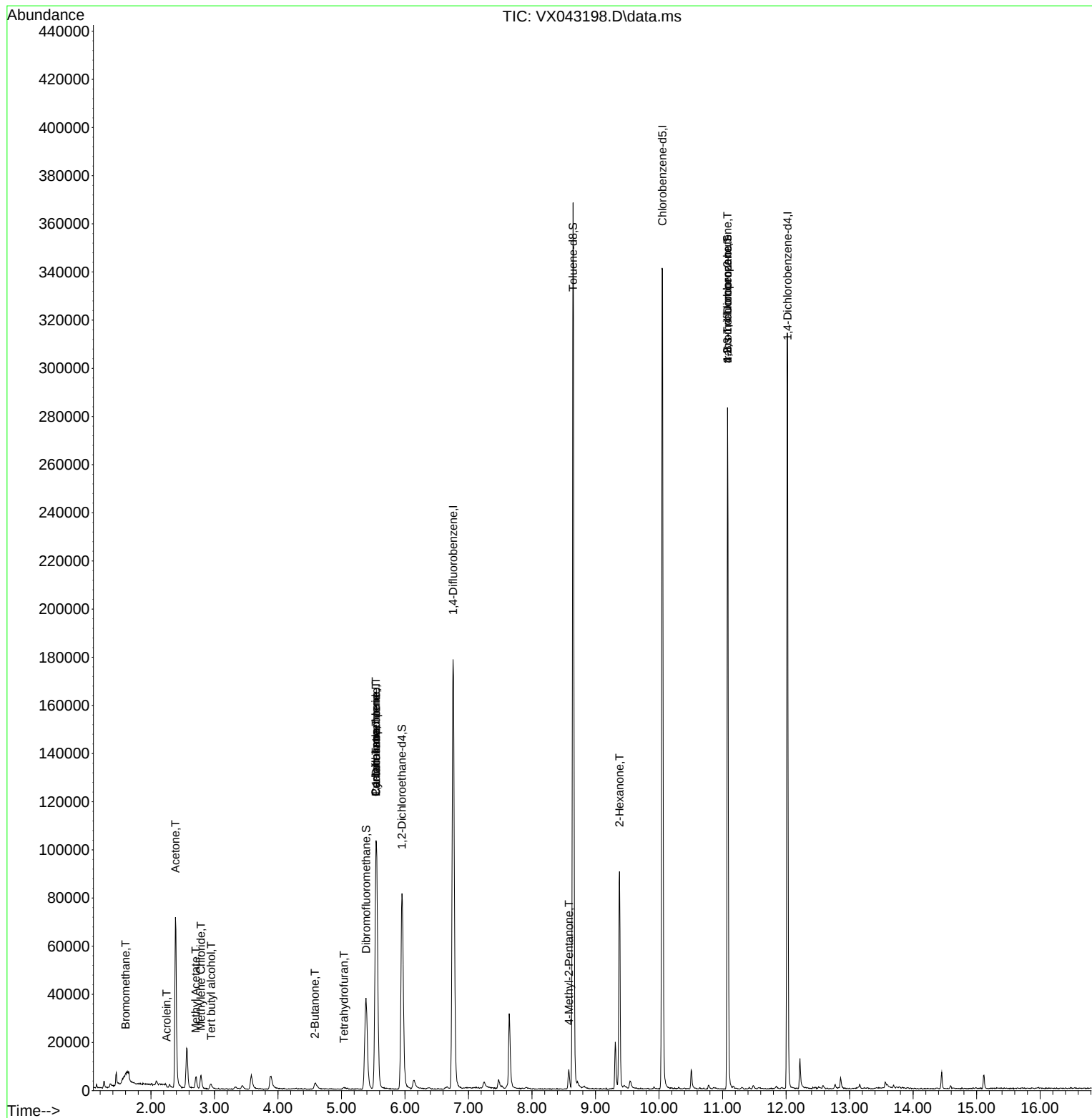
Internal Standards						
1) Pentafluorobenzene	5.544	168	95372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	185065	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	153937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83089	52.449	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.900%
35) Dibromofluoromethane	5.385	113	33819	25.905	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	51.800%#
50) Toluene-d8	8.647	98	217250	49.187	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.380%
62) 4-Bromofluorobenzene	11.079	95	75205	42.280	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	84.560%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	170	0.280	ug/l #	2
11) Tert butyl alcohol	2.947	59	1471	4.159	ug/l #	71
13) Acrolein	2.245	56	91	1.953	ug/l #	1
16) Acetone	2.386	43	82393	111.213	ug/l	99
18) Methyl Acetate	2.703	43	6229	3.124	ug/l	99
20) Methylene Chloride	2.788	84	2641	2.241	ug/l #	92
25) 2-Butanone	4.580	43	4788	5.014	ug/l	90
29) Tetrahydrofuran	5.038	42	748	1.302	ug/l #	60
31) Cyclohexane	5.544	56	2378	1.526	ug/l #	30
36) 1,1-Dichloropropene	5.544	75	8256	5.147	ug/l #	49
38) Carbon Tetrachloride	5.544	117	10574	5.117	ug/l #	17
51) 4-Methyl-2-Pentanone	8.580	43	5129	2.481	ug/l	97
59) 2-Hexanone	9.378	43	60628	37.502	ug/l #	26
76) 1,2,3-Trichloropropane	11.079	75	39560	29.462	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	39560	70.195	ug/l #	7

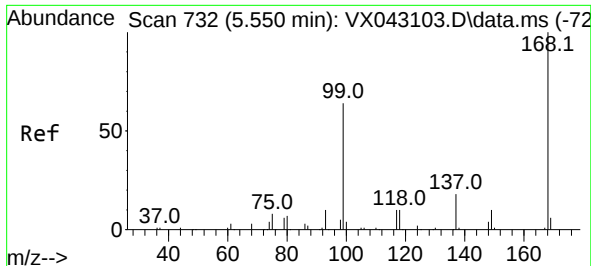
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 01 01:52:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 24 03:13:52 2024
Response via : Initial Calibration

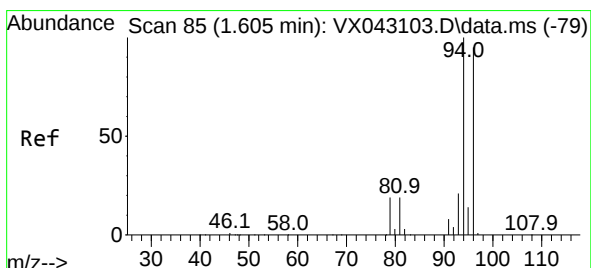
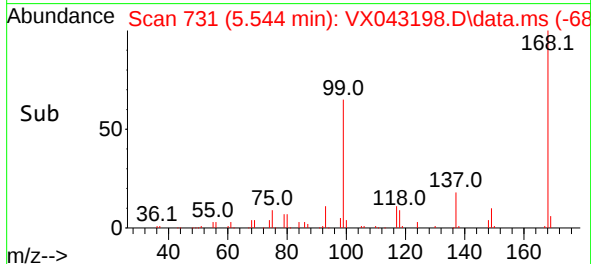
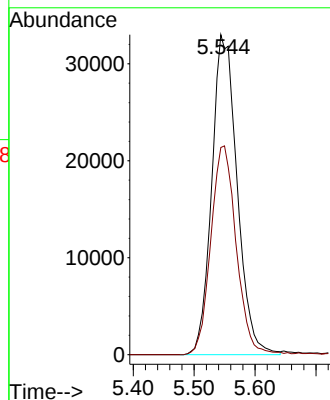
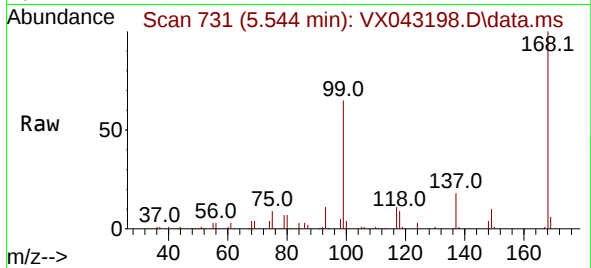




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043198.D
Acq: 30 Sep 2024 15:05

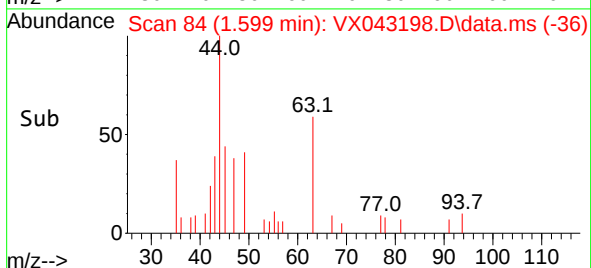
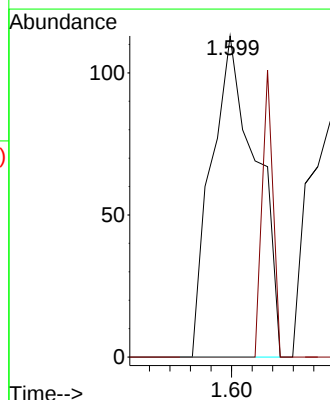
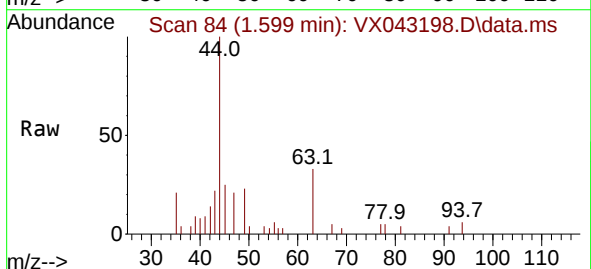
Instrument :
MSVOA_X
ClientSampleId :

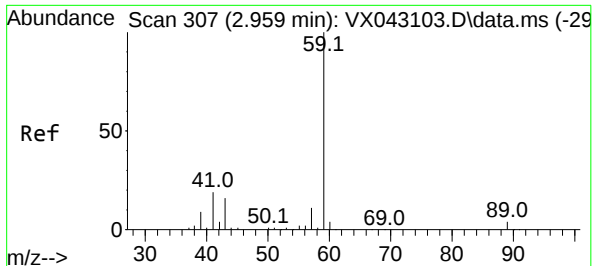
Tgt Ion:168 Resp: 95372
Ion Ratio Lower Upper
168 100
99 64.7 50.8 76.2



#5
Bromomethane
Concen: 0.280 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.006 min
Lab File: VX043198.D
Acq: 30 Sep 2024 15:05

Tgt Ion: 94 Resp: 170
Ion Ratio Lower Upper
94 100
96 0.0 76.2 114.4#





#11

Tert butyl alcohol

Concen: 4.159 ug/l

RT: 2.947 min Scan# 307

Delta R.T. -0.012 min

Lab File: VX043198.D

Acq: 30 Sep 2024 15:05

Instrument :

MSVOA_X

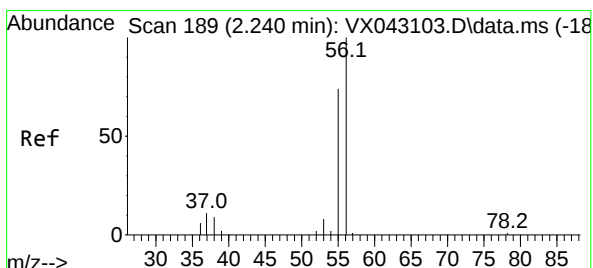
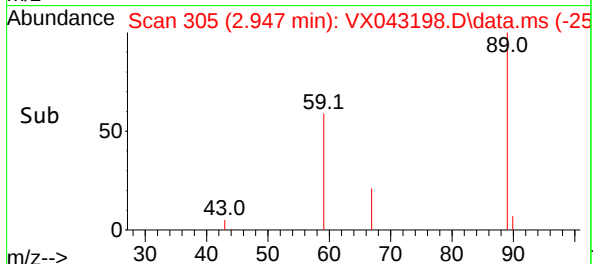
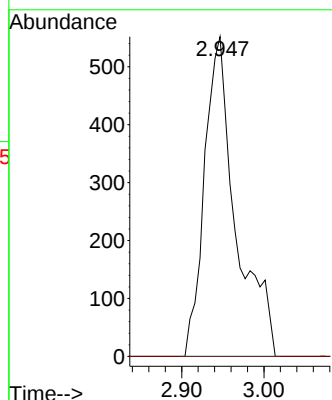
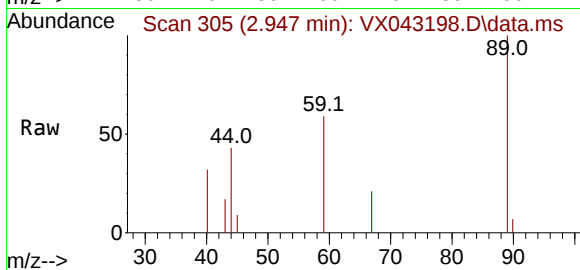
ClientSampleId :

Tgt Ion: 59 Resp: 1471

Ion Ratio Lower Upper

59 100

57 0.0 8.6 13.0#



#13

Acrolein

Concen: 1.953 ug/l

RT: 2.245 min Scan# 190

Delta R.T. 0.006 min

Lab File: VX043198.D

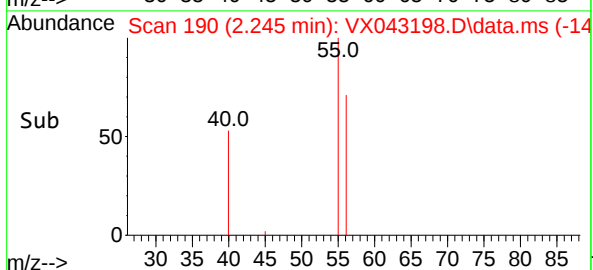
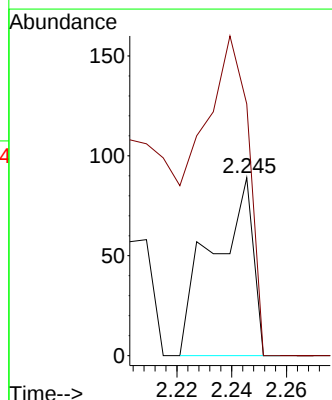
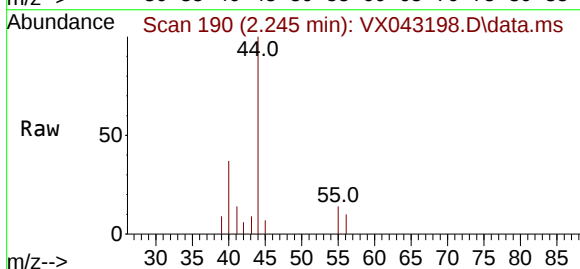
Acq: 30 Sep 2024 15:05

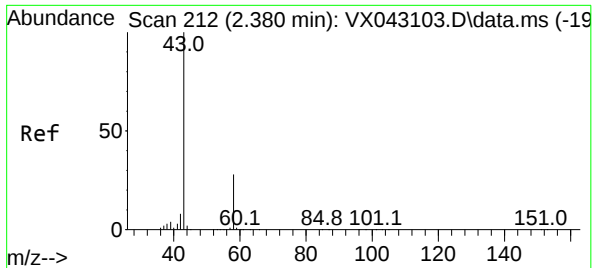
Tgt Ion: 56 Resp: 91

Ion Ratio Lower Upper

56 100

55 208.8 55.8 83.6#

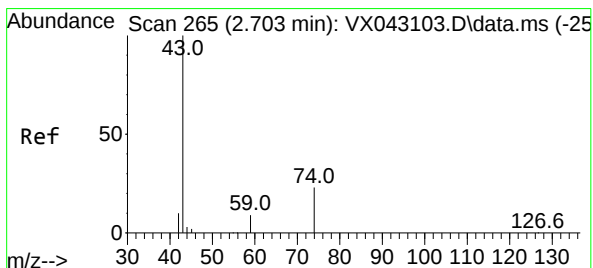
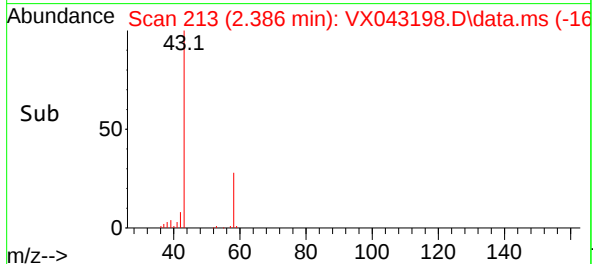
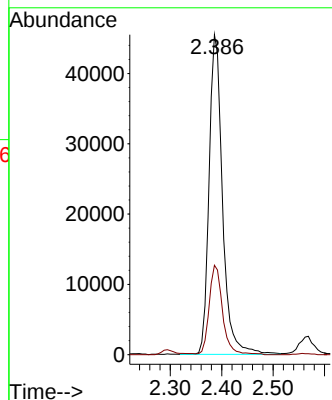
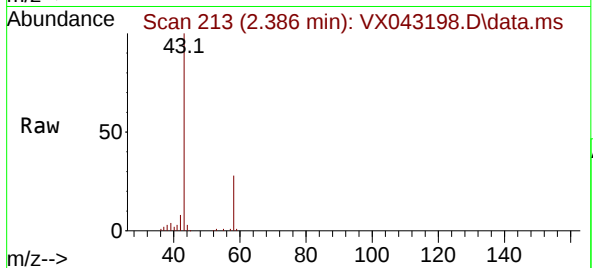




#16
Acetone
Concen: 111.213 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX043198.D
Acq: 30 Sep 2024 15:05

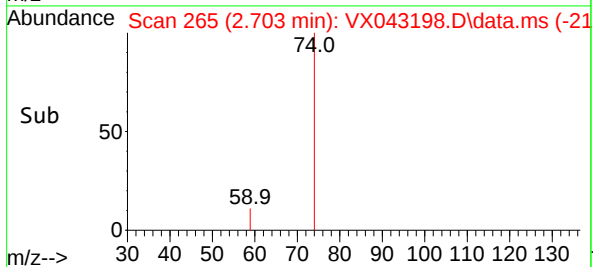
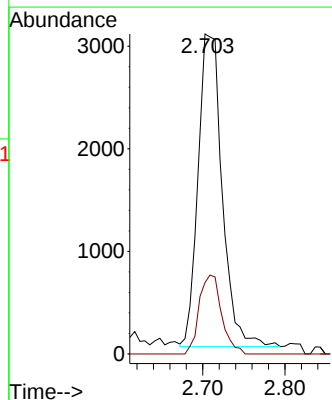
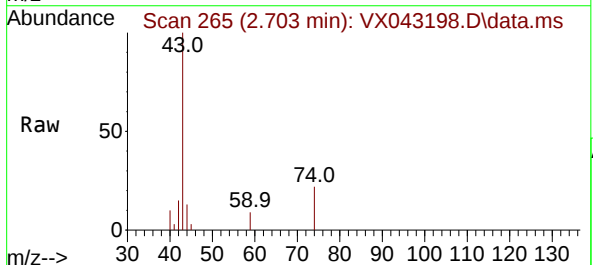
Instrument :
MSVOA_X
ClientSampleId :

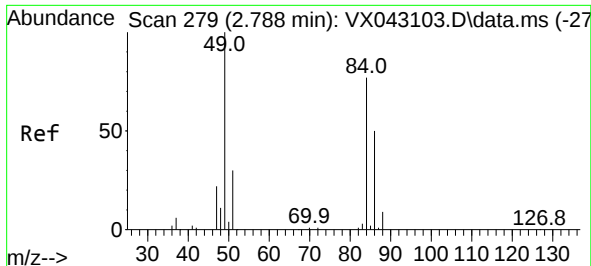
Tgt Ion: 43 Resp: 82393
Ion Ratio Lower Upper
43 100
58 28.0 22.6 34.0



#18
Methyl Acetate
Concen: 3.124 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX043198.D
Acq: 30 Sep 2024 15:05

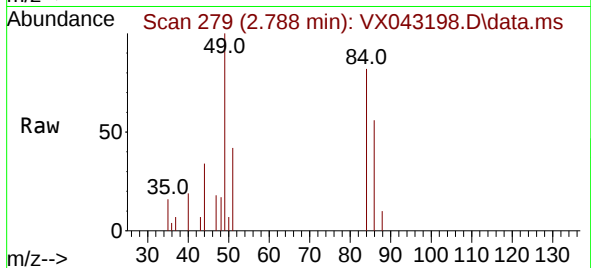
Tgt Ion: 43 Resp: 6229
Ion Ratio Lower Upper
43 100
74 23.3 19.2 28.8



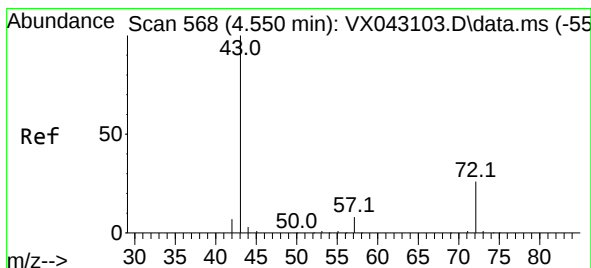
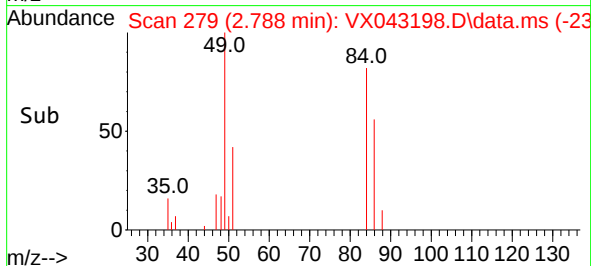
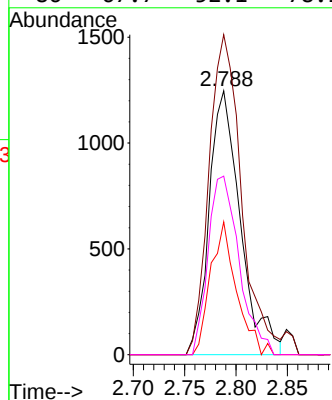


#20
Methylene Chloride
Concen: 2.241 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX043198.D
Acq: 30 Sep 2024 15:05

Instrument :
MSVOA_X
ClientSampleId :

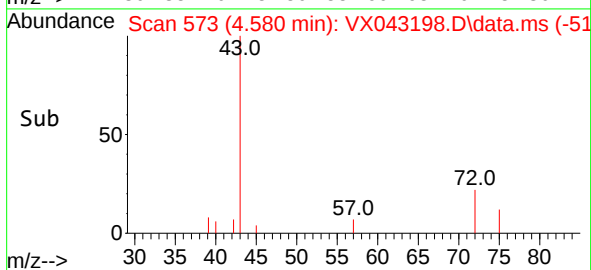
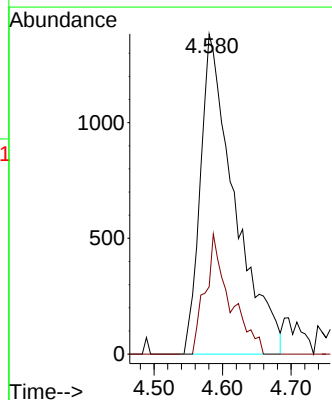
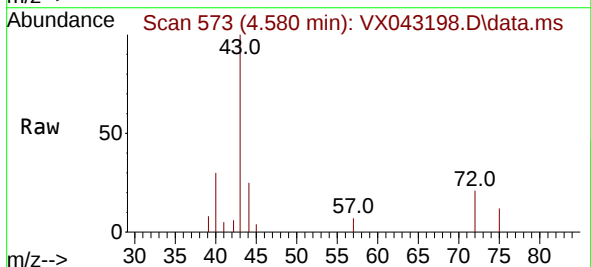


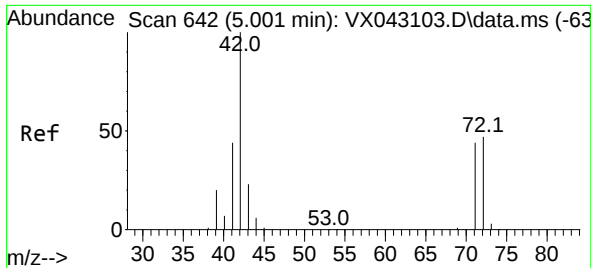
Tgt Ion:	84	Resp:	2641
Ion	Ratio	Lower	Upper
84	100		
49	121.3	104.1	156.1
51	50.4	31.1	46.7#
86	67.7	52.1	78.1



#25
2-Butanone
Concen: 5.014 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.030 min
Lab File: VX043198.D
Acq: 30 Sep 2024 15:05

Tgt Ion:	43	Resp:	4788
Ion	Ratio	Lower	Upper
43	100		
72	21.0	20.7	31.1





#29

Tetrahydrofuran

Concen: 1.302 ug/l

RT: 5.038 min Scan# 642

Delta R.T. 0.036 min

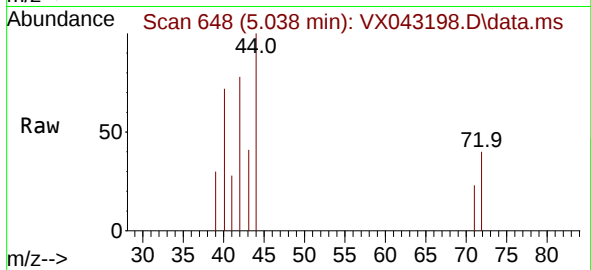
Lab File: VX043198.D

Acq: 30 Sep 2024 15:05

Instrument :

MSVOA_X

ClientSampleId :



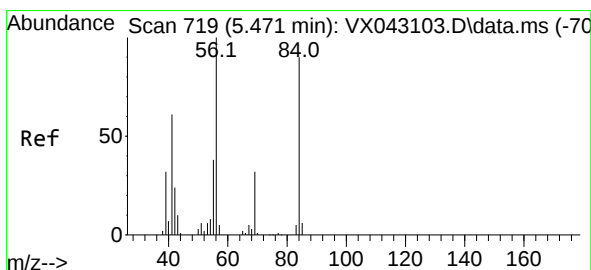
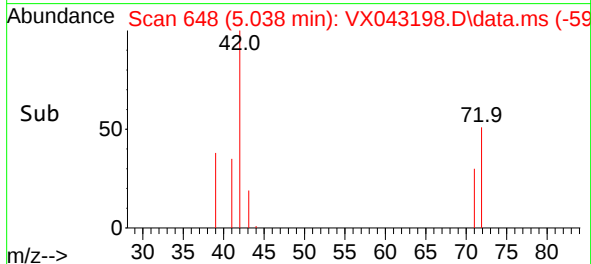
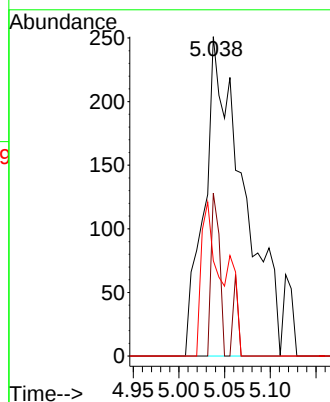
Tgt Ion: 42 Resp: 748

Ion Ratio Lower Upper

42 100

72 11.0 37.6 56.4#

71 27.3 34.8 52.2#



#31

Cyclohexane

Concen: 1.526 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX043198.D

Acq: 30 Sep 2024 15:05

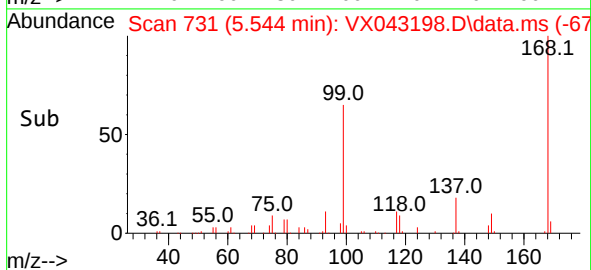
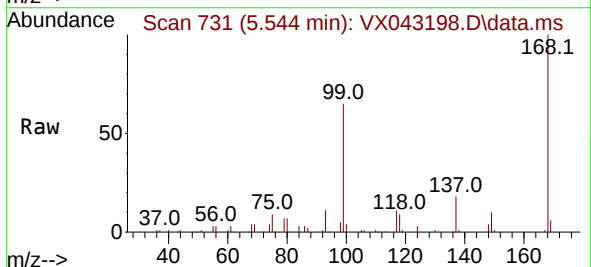
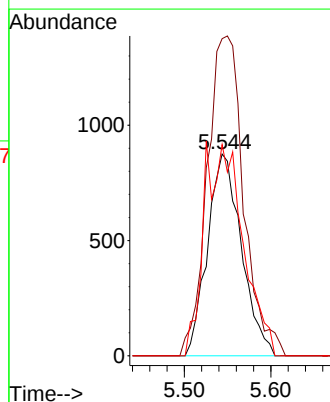
Tgt Ion: 56 Resp: 2378

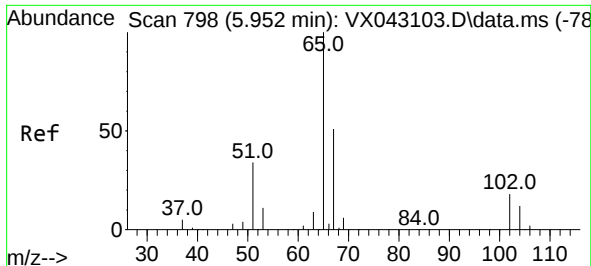
Ion Ratio Lower Upper

56 100

69 157.1 25.8 38.6#

84 104.7 72.4 108.6





#33

1,2-Dichloroethane-d4

Concen: 52.449 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX043198.D

Acq: 30 Sep 2024 15:05

Instrument :

MSVOA_X

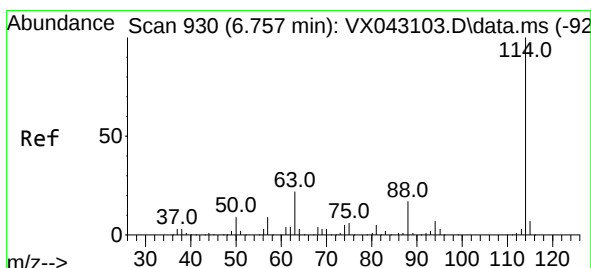
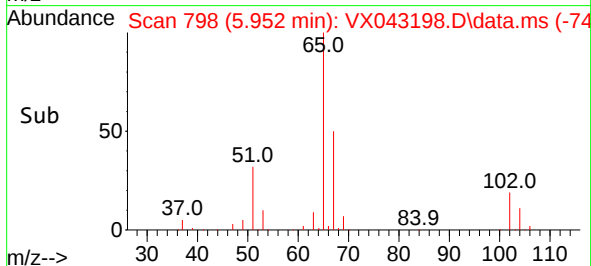
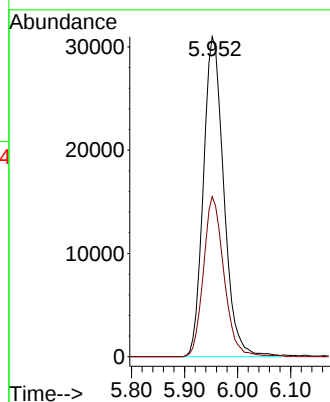
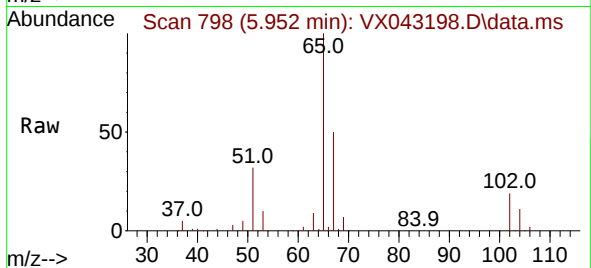
ClientSampleId :

Tgt Ion: 65 Resp: 83089

Ion Ratio Lower Upper

65 100

67 50.0 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX043198.D

Acq: 30 Sep 2024 15:05

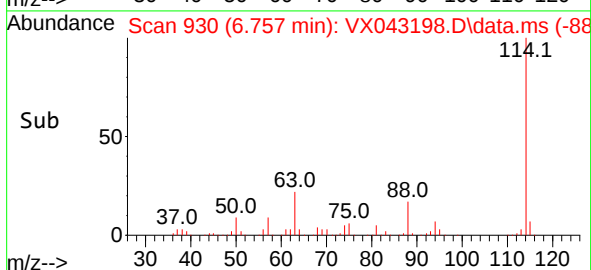
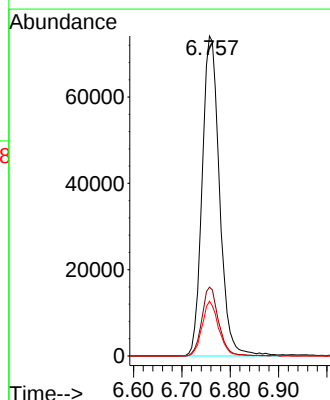
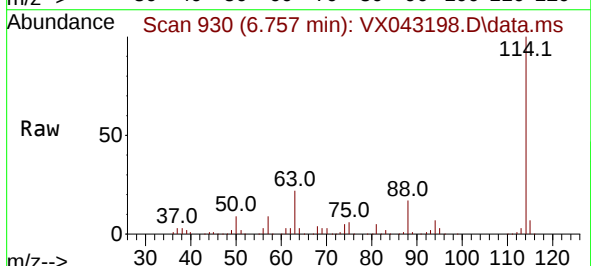
Tgt Ion: 114 Resp: 185065

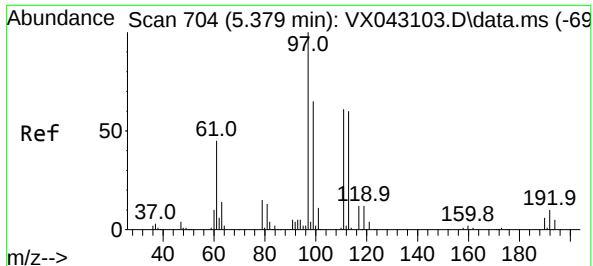
Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.2

88 17.1 0.0 33.4





#35

Dibromofluoromethane

Concen: 25.905 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

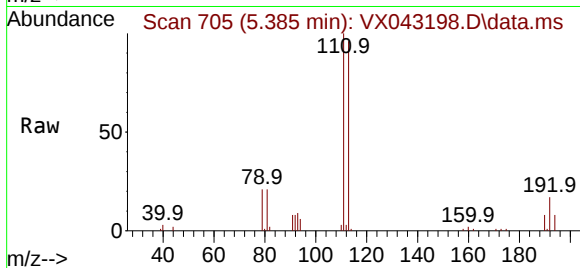
Lab File: VX043198.D

Acq: 30 Sep 2024 15:05

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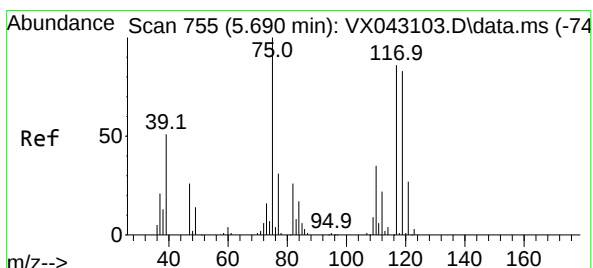
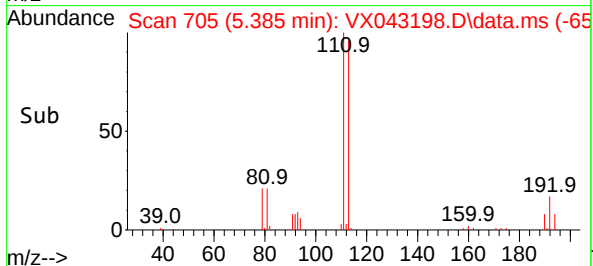
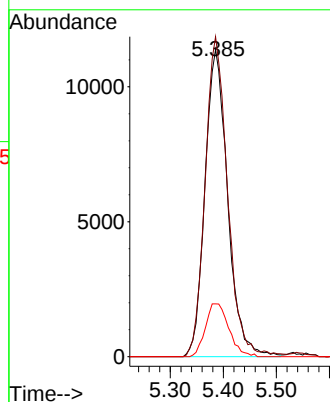
Tgt Ion:113 Resp: 33819

Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

192 17.8 14.6 22.0



#36

1,1-Dichloropropene

Concen: 5.147 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX043198.D

Acq: 30 Sep 2024 15:05

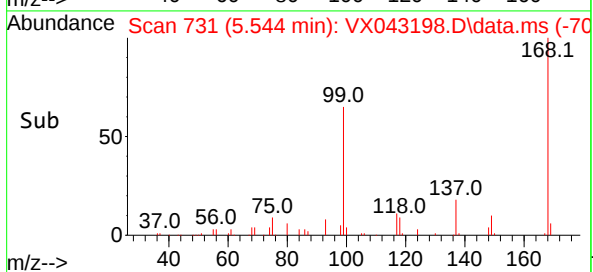
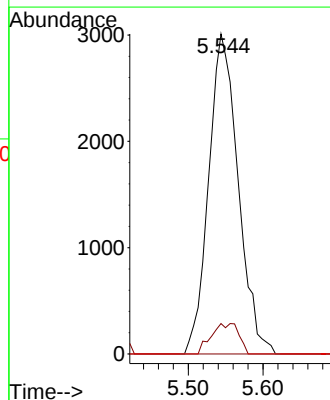
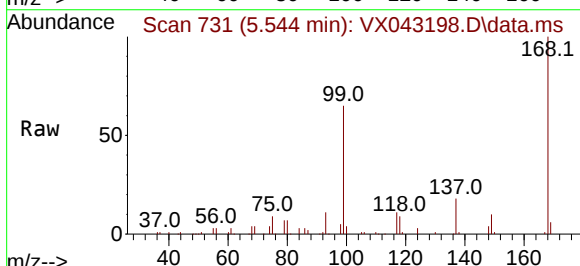
Tgt Ion: 75 Resp: 8256

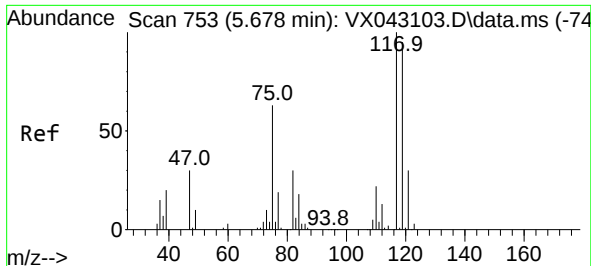
Ion Ratio Lower Upper

75 100

110 8.9 17.8 53.4#

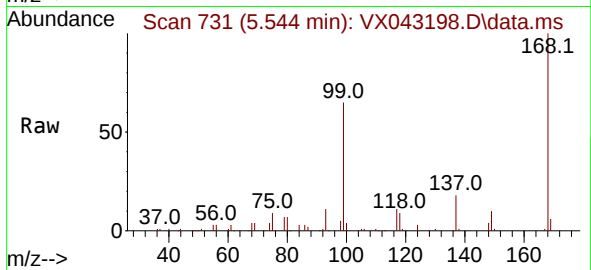
77 0.0 25.2 37.8#



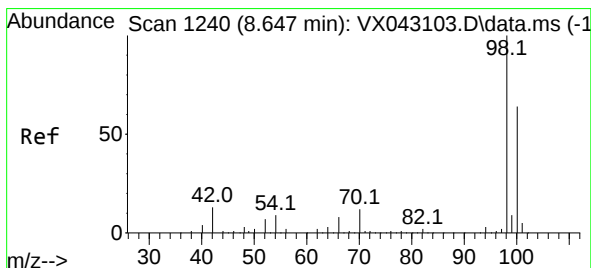
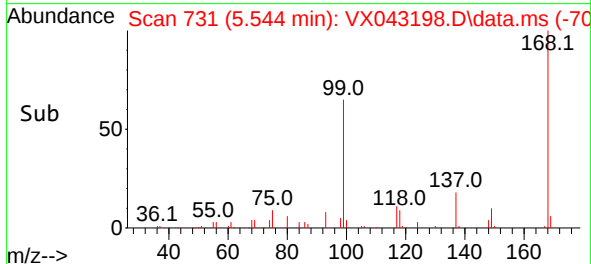
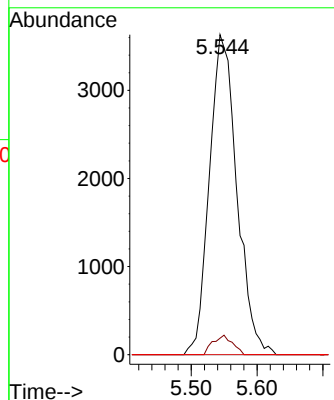


#38
Carbon Tetrachloride
Concen: 5.117 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX043198.D
Acq: 30 Sep 2024 15:05

Instrument :
MSVOA_X
ClientSampleId :

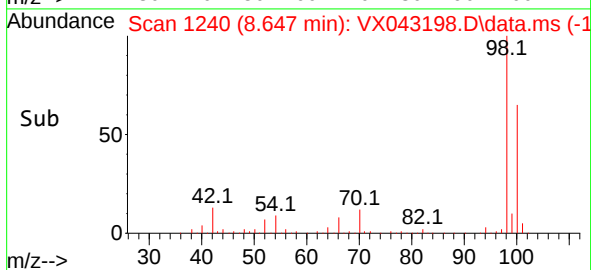
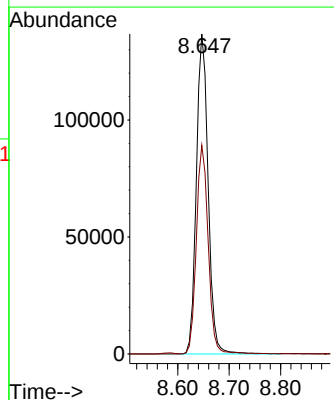
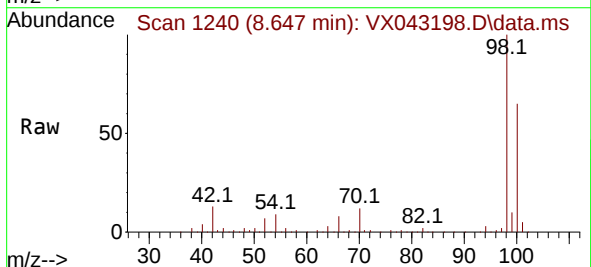


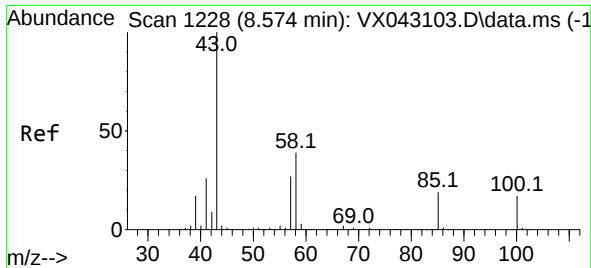
Tgt Ion:117 Resp: 10574
Ion Ratio Lower Upper
117 100
119 5.1 75.5 113.3#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.187 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043198.D
Acq: 30 Sep 2024 15:05

Tgt Ion: 98 Resp: 217250
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 2.481 ug/l

RT: 8.580 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX043198.D

Acq: 30 Sep 2024 15:05

Instrument :

MSVOA_X

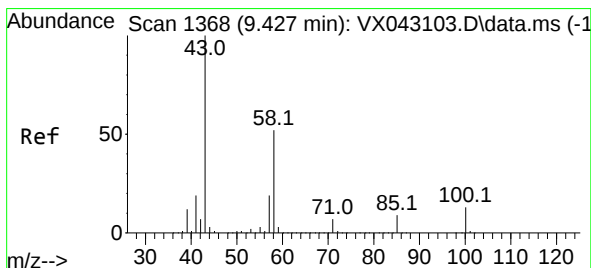
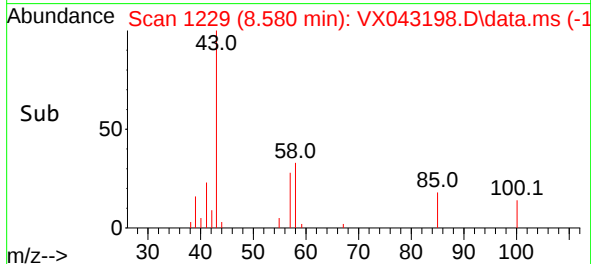
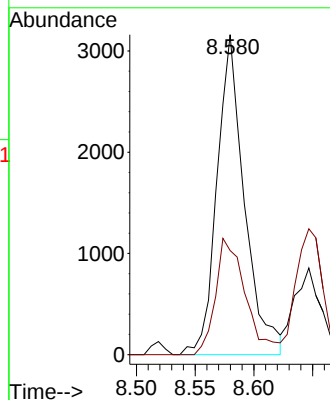
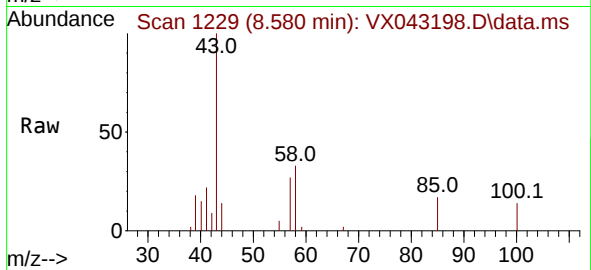
ClientSampleId :

Tgt Ion: 43 Resp: 5129

Ion Ratio Lower Upper

43 100

58 40.0 30.3 45.5



#59

2-Hexanone

Concen: 37.502 ug/l

RT: 9.378 min Scan# 1360

Delta R.T. -0.049 min

Lab File: VX043198.D

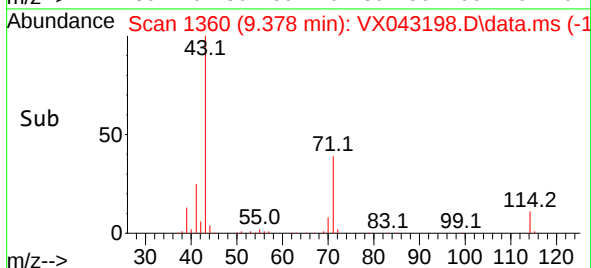
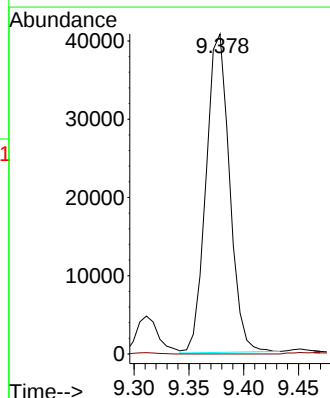
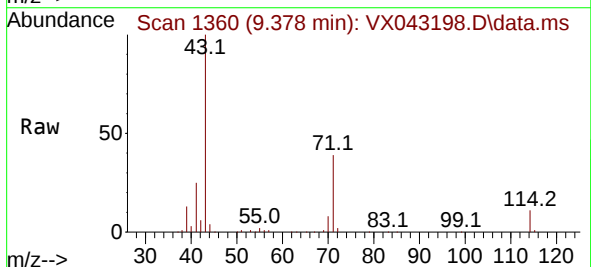
Acq: 30 Sep 2024 15:05

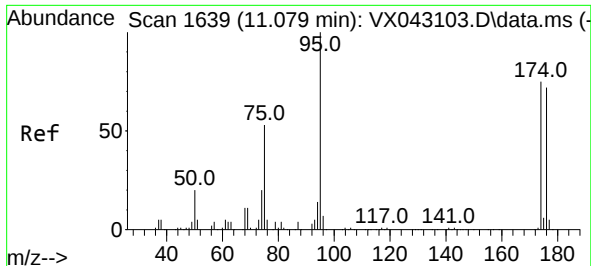
Tgt Ion: 43 Resp: 60628

Ion Ratio Lower Upper

43 100

58 0.0 26.1 78.2#

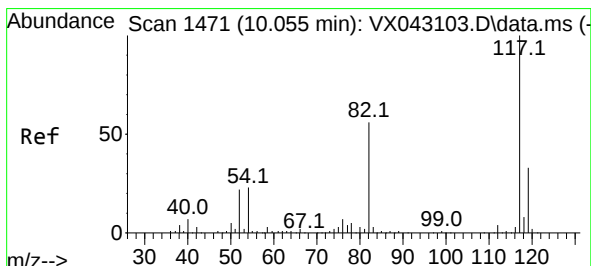
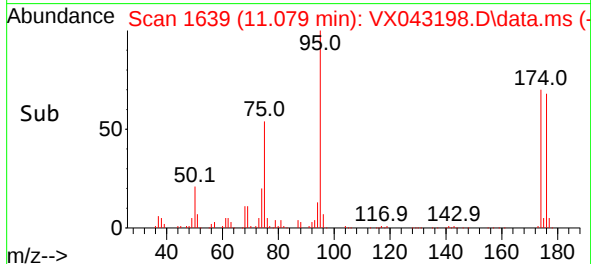
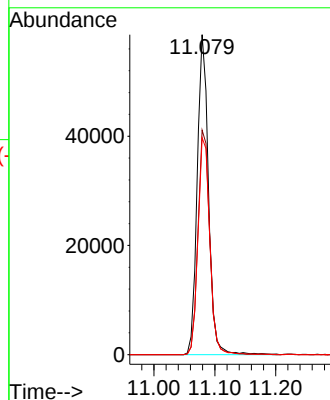
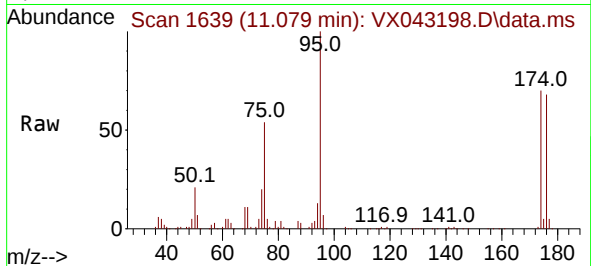




#62
4-Bromofluorobenzene
Concen: 42.280 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043198.D
Acq: 30 Sep 2024 15:05

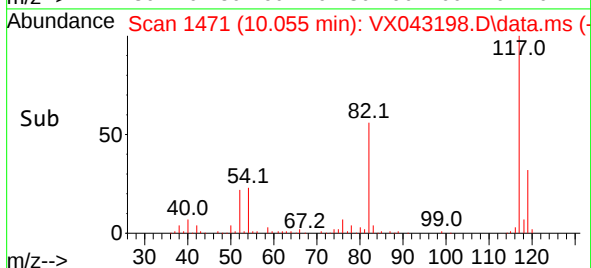
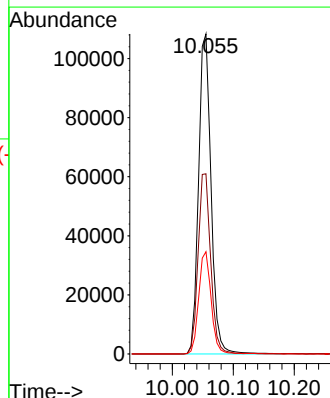
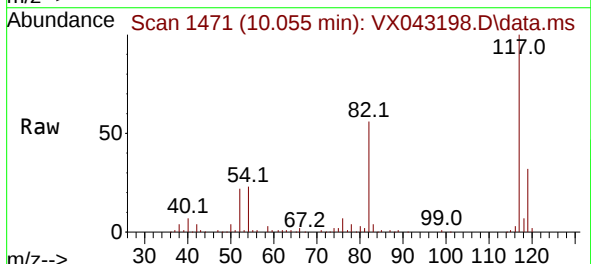
Instrument :
MSVOA_X
ClientSampleId :

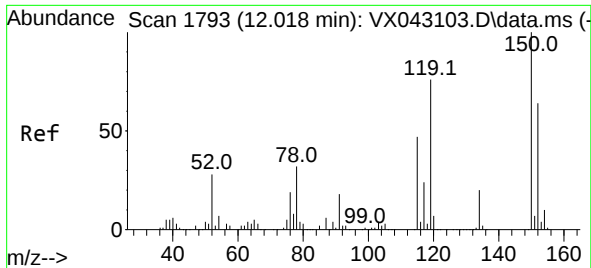
Tgt Ion: 95 Resp: 75205
Ion Ratio Lower Upper
95 100
174 72.6 0.0 146.0
176 71.2 0.0 142.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043198.D
Acq: 30 Sep 2024 15:05

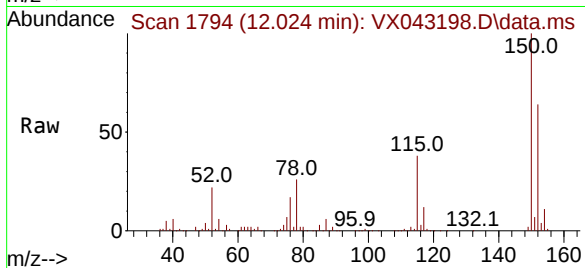
Tgt Ion: 117 Resp: 153937
Ion Ratio Lower Upper
117 100
82 56.3 44.7 67.1
119 31.9 26.3 39.5



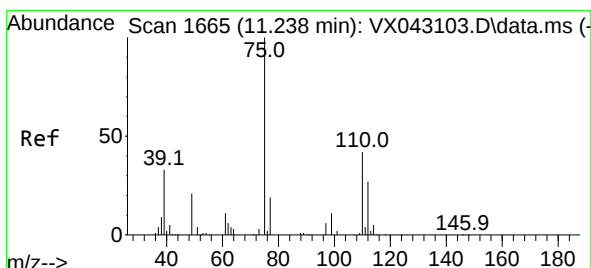
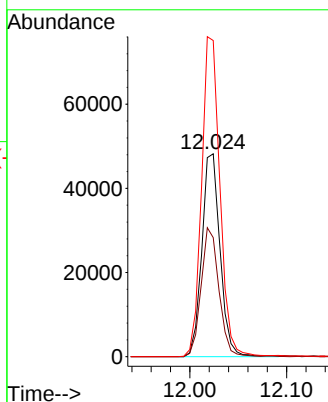
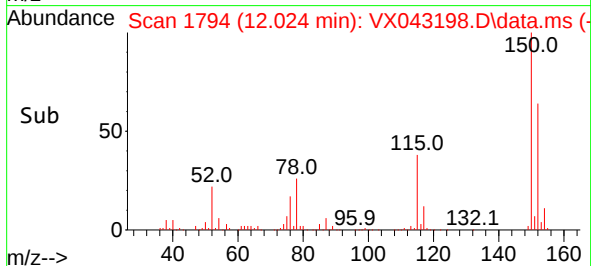


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: VX043198.D
 Acq: 30 Sep 2024 15:05

Instrument :
 MSVOA_X
 ClientSampleId :

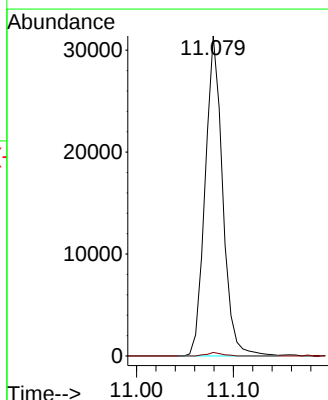
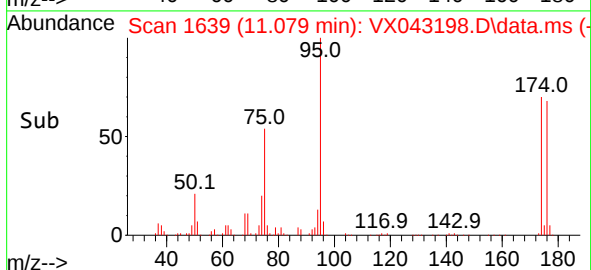
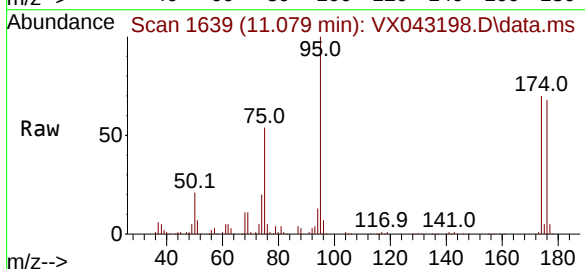


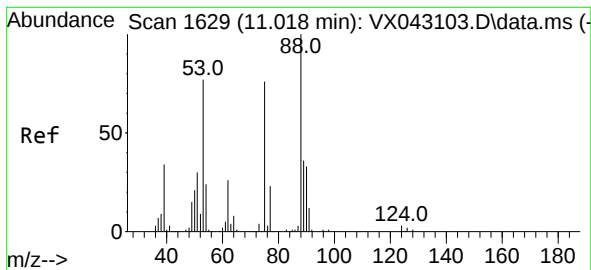
Tgt Ion:152 Resp: 63157
 Ion Ratio Lower Upper
 152 100
 115 62.0 43.7 131.1
 150 160.0 0.0 344.6



#76
 1,2,3-Trichloropropane
 Concen: 29.462 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX043198.D
 Acq: 30 Sep 2024 15:05

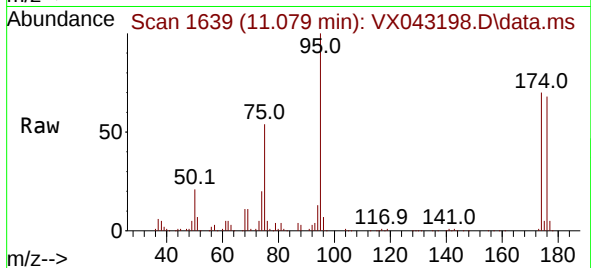
Tgt Ion: 75 Resp: 39560
 Ion Ratio Lower Upper
 75 100
 77 0.9 21.9 65.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.195 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX043198.D
 Acq: 30 Sep 2024 15:05

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 39560
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.4 128.2#
 89 0.0 38.8 58.2#

