

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101424\
 Data File : VX043384.D
 Acq On : 14 Oct 2024 16:26
 Operator : JC/MD
 Sample : P4402-02 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 15 01:48:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	84122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	153131	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57030	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67613	49.215	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.420%
35) Dibromofluoromethane	5.385	113	49092	46.486	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.980%
50) Toluene-d8	8.647	98	176594	48.254	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.500%
62) 4-Bromofluorobenzene	11.079	95	64439	48.467	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.940%

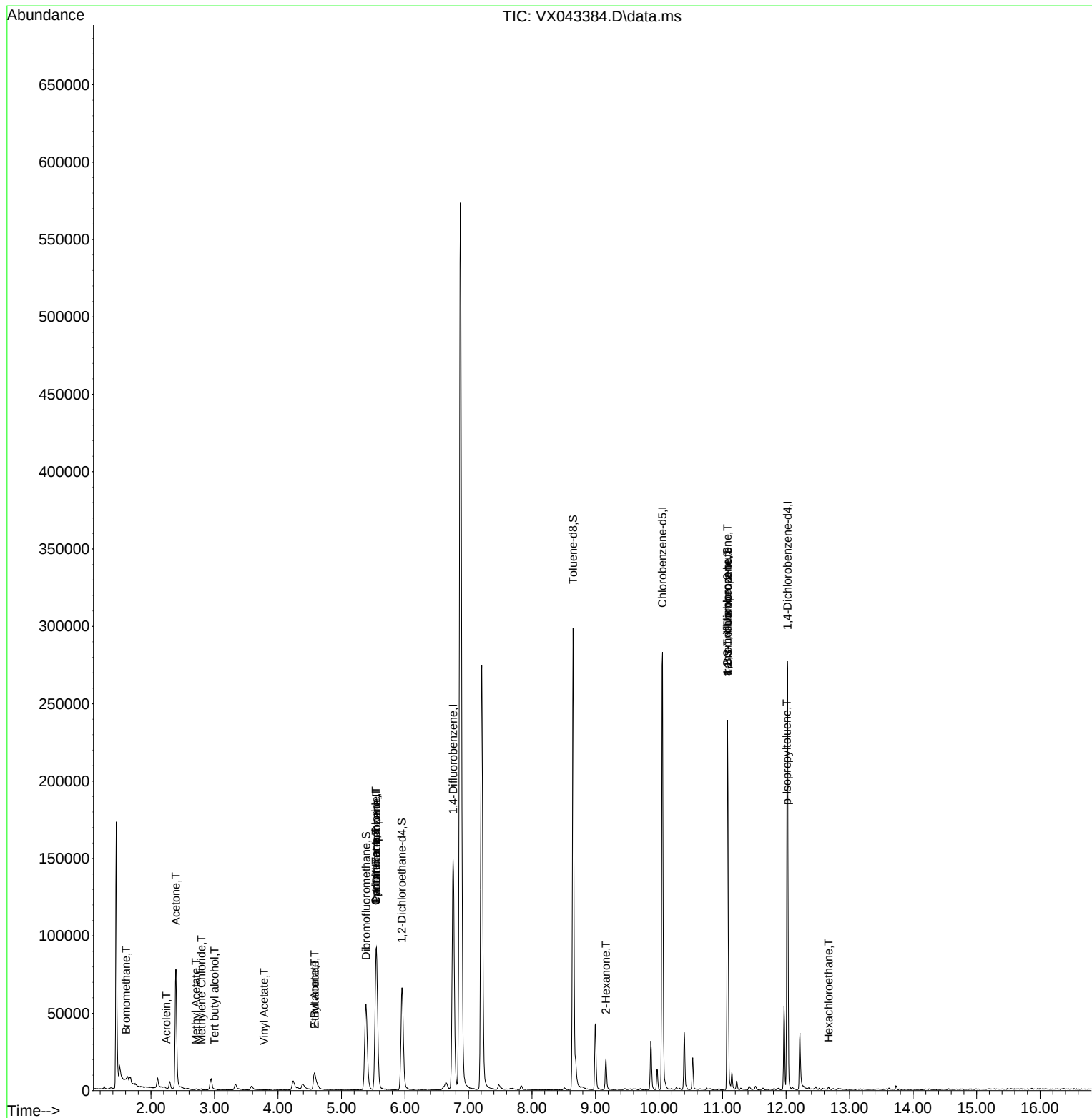
Target Compounds						Qvalue
5) Bromomethane	1.605	94	111	0.269	ug/l #	2
11) Tert butyl alcohol	3.002	59	715	2.735	ug/l #	71
13) Acrolein	2.239	56	83	0.336	ug/l #	1
16) Acetone	2.392	43	95511	166.475	ug/l	98
18) Methyl Acetate	2.709	43	747	0.519	ug/l #	76
20) Methylene Chloride	2.794	84	221	0.209	ug/l #	79
23) Vinyl Acetate	3.782	43	22	6.345	ug/l #	71
25) 2-Butanone	4.574	43	19728	25.078	ug/l	100
31) Cyclohexane	5.544	56	2165	1.460	ug/l #	18
36) 1,1-Dichloropropene	5.550	75	7445	5.580	ug/l #	50
37) Ethyl Acetate	4.574	43	19690	12.290	ug/l #	68
38) Carbon Tetrachloride	5.544	117	9278	5.874	ug/l #	15
59) 2-Hexanone	9.165	43	1457	1.199	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	35096	27.744	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	35096	71.903	ug/l #	8
86) p-Isopropyltoluene	12.012	119	2741	0.735	ug/l	89
90) Hexachloroethane	12.671	117	460	0.658	ug/l #	16

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

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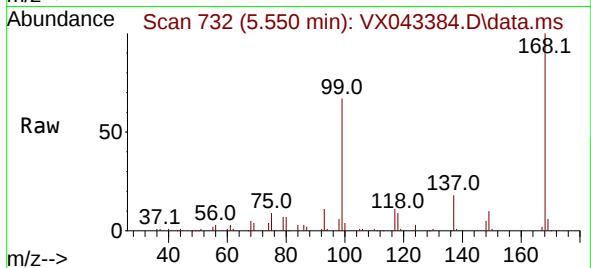
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Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration



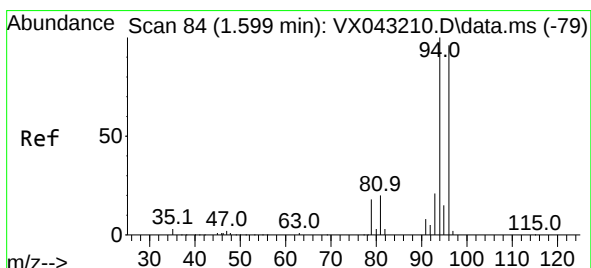
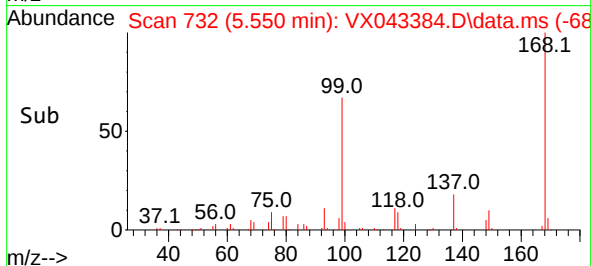
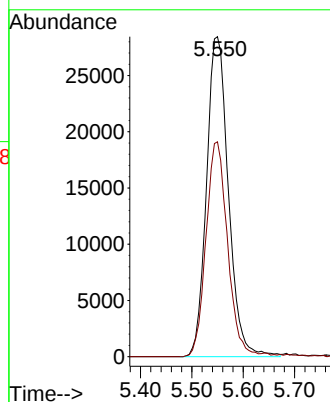


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043384.D
Acq: 14 Oct 2024 16:26

Instrument :
MSVOA_X
ClientSampleId :

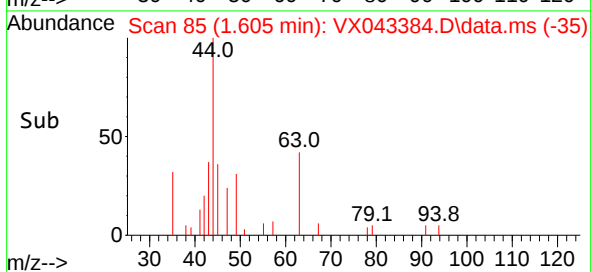
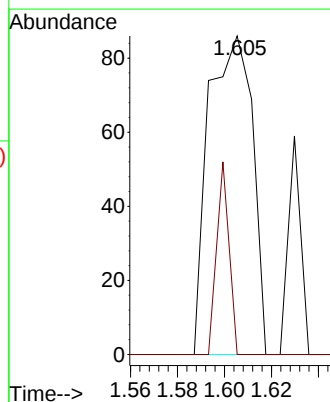
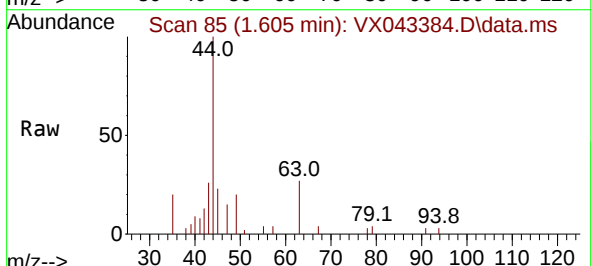


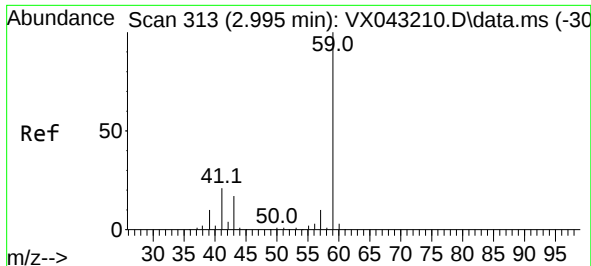
Tgt Ion:168 Resp: 84122
Ion Ratio Lower Upper
168 100
99 67.2 49.7 74.5



#5
Bromomethane
Concen: 0.269 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX043384.D
Acq: 14 Oct 2024 16:26

Tgt Ion: 94 Resp: 111
Ion Ratio Lower Upper
94 100
96 0.0 76.6 115.0#

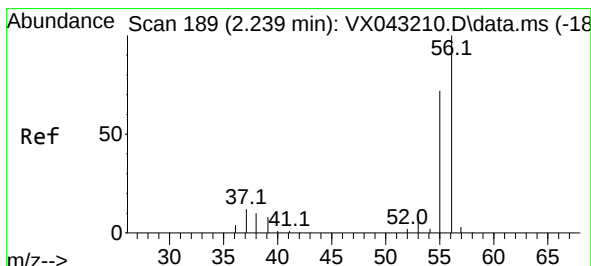
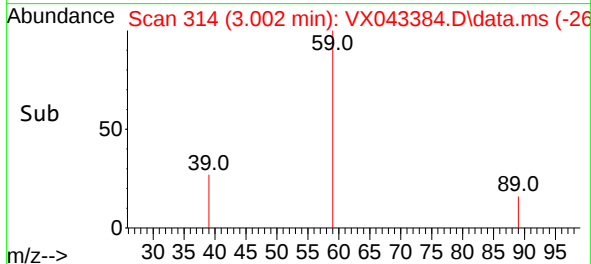
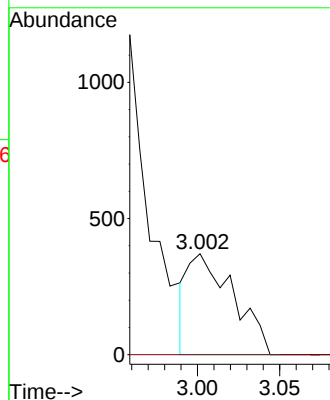
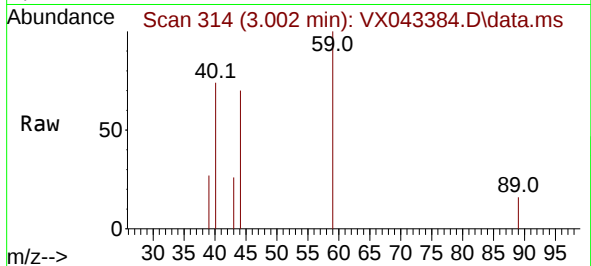




#11
Tert butyl alcohol
Concen: 2.735 ug/l
RT: 3.002 min Scan# 313
Delta R.T. 0.006 min
Lab File: VX043384.D
Acq: 14 Oct 2024 16:26

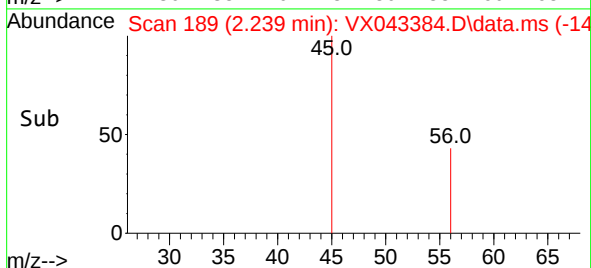
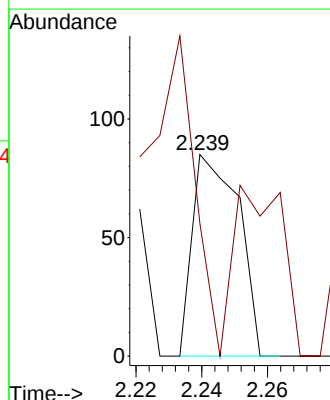
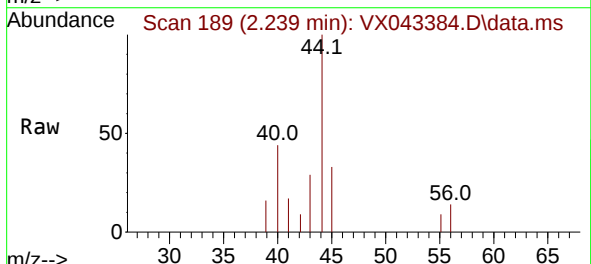
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 715
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#



#13
Acrolein
Concen: 0.336 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX043384.D
Acq: 14 Oct 2024 16:26

Tgt Ion: 56 Resp: 83
Ion Ratio Lower Upper
56 100
55 207.2 57.4 86.0#

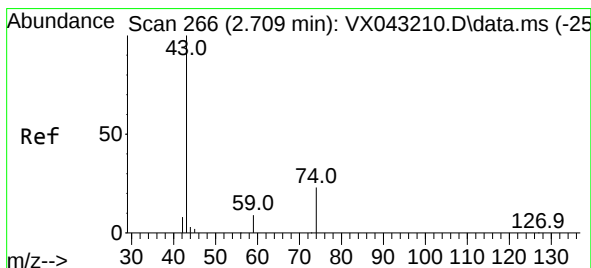
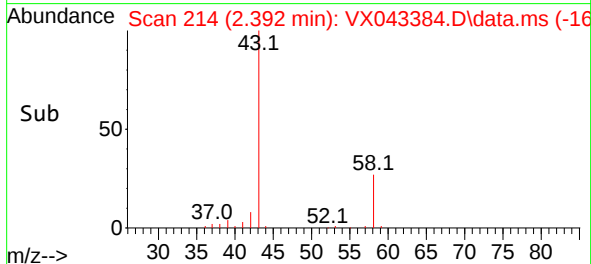
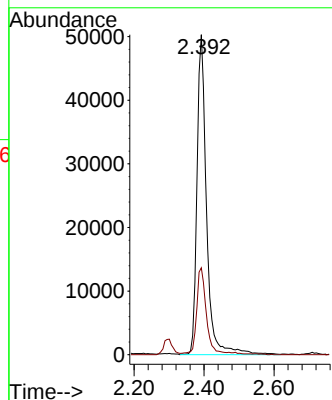
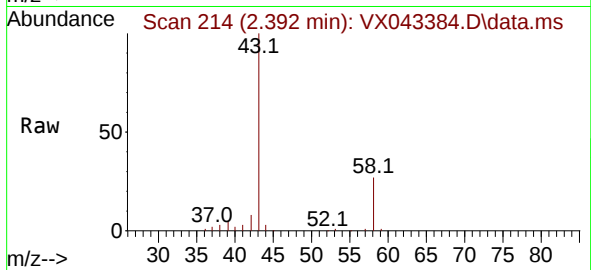




#16
Acetone
Concen: 166.475 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX043384.D
Acq: 14 Oct 2024 16:26

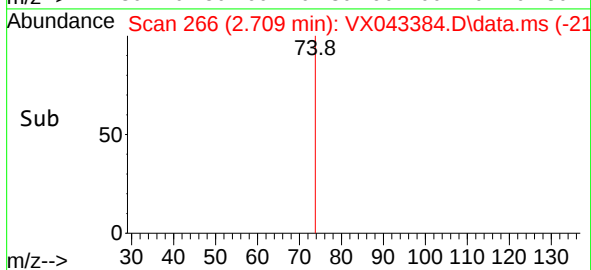
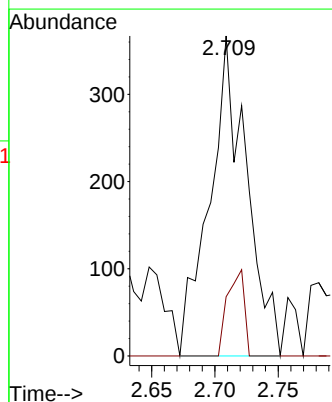
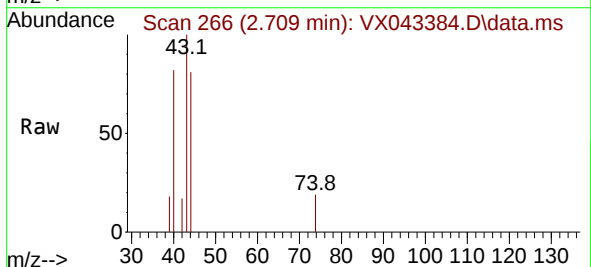
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 95511
Ion Ratio Lower Upper
43 100
58 27.2 22.6 33.8



#18
Methyl Acetate
Concen: 0.519 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX043384.D
Acq: 14 Oct 2024 16:26

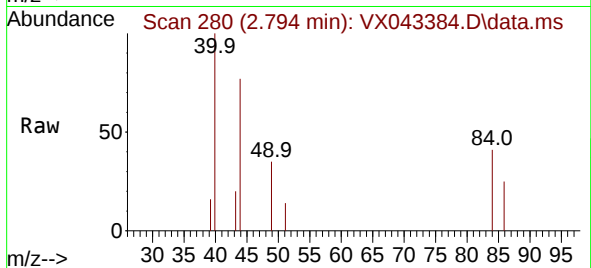
Tgt Ion: 43 Resp: 747
Ion Ratio Lower Upper
43 100
74 12.2 19.1 28.7#





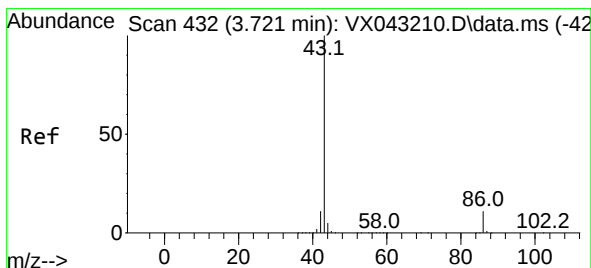
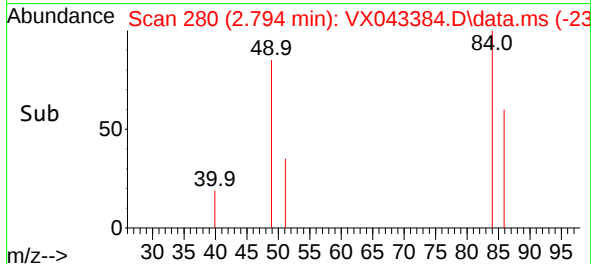
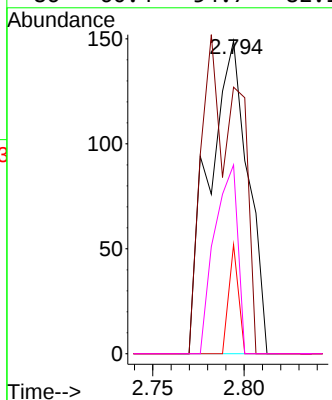
#20
Methylene Chloride
Concen: 0.209 ug/l
RT: 2.794 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX043384.D
Acq: 14 Oct 2024 16:26

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 221

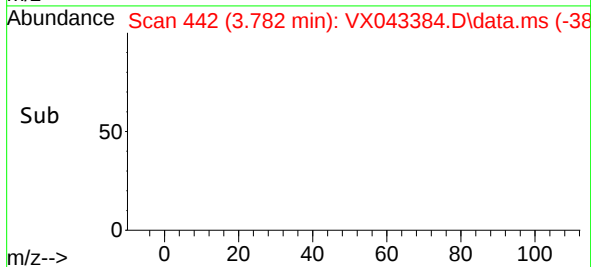
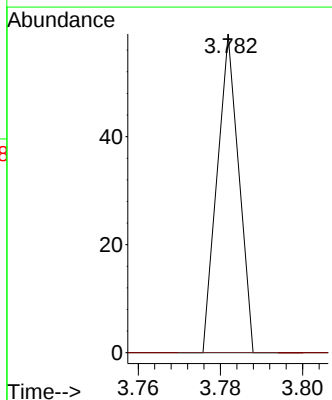
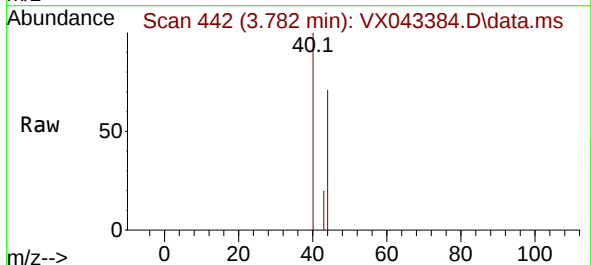
Ion	Ratio	Lower	Upper
84	100		
49	85.2	96.7	145.1#
51	34.9	30.4	45.6
86	60.4	54.7	82.1

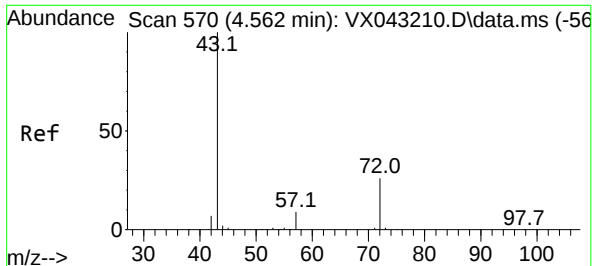


#23
Vinyl Acetate
Concen: 6.345 ug/l
RT: 3.782 min Scan# 442
Delta R.T. 0.061 min
Lab File: VX043384.D
Acq: 14 Oct 2024 16:26

Tgt Ion: 43 Resp: 22

Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.8	13.2#

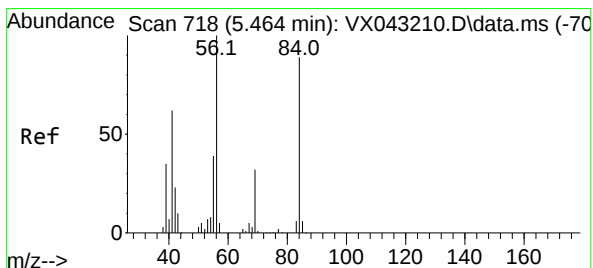
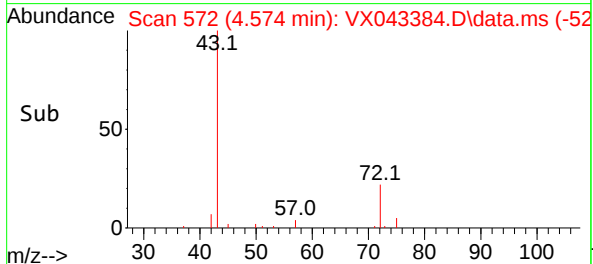
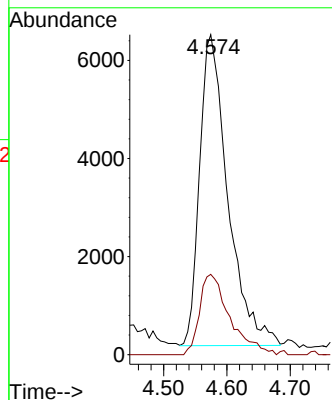
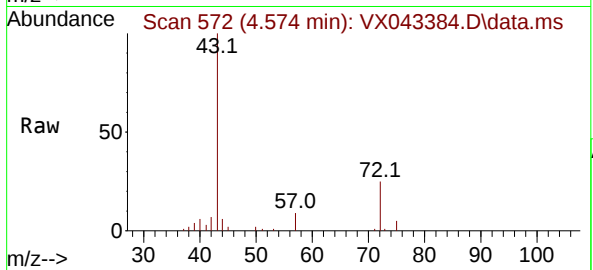




#25
2-Butanone
Concen: 25.078 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX043384.D
Acq: 14 Oct 2024 16:26

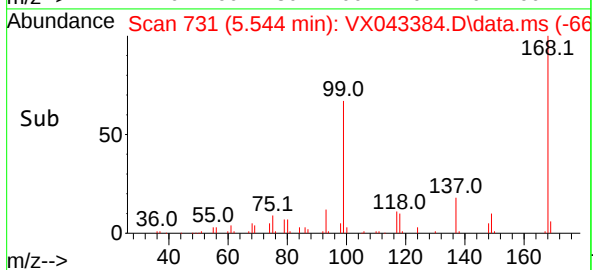
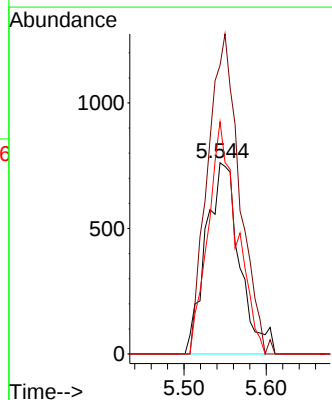
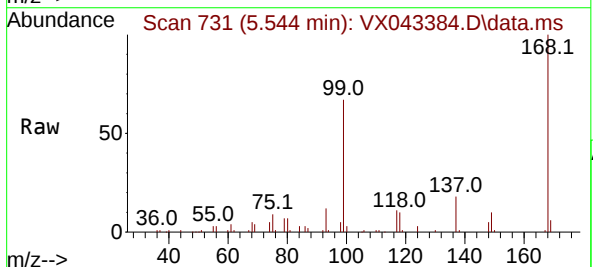
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 19728
Ion Ratio Lower Upper
43 100
72 25.9 20.6 31.0



#31
Cyclohexane
Concen: 1.460 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX043384.D
Acq: 14 Oct 2024 16:26

Tgt Ion: 56 Resp: 2165
Ion Ratio Lower Upper
56 100
69 150.9 25.8 38.6#
84 121.4 71.1 106.7#

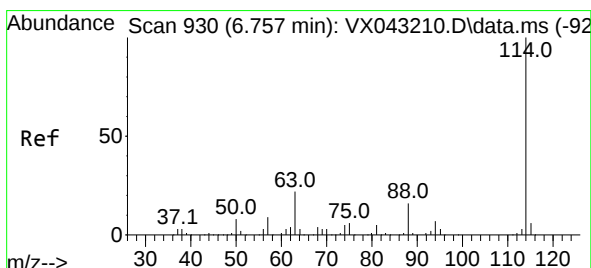
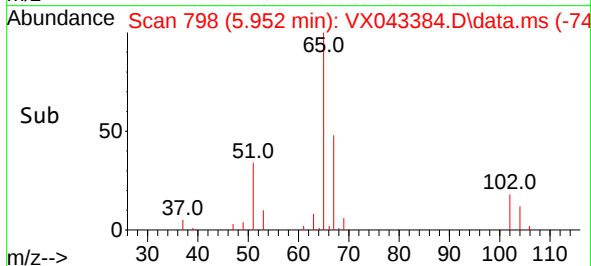
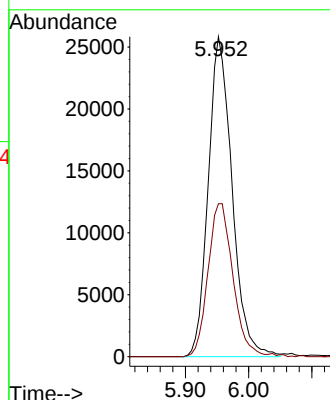
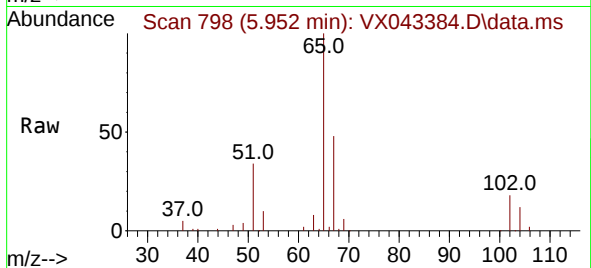




#33
 1,2-Dichloroethane-d4
 Concen: 49.215 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX043384.D
 Acq: 14 Oct 2024 16:26

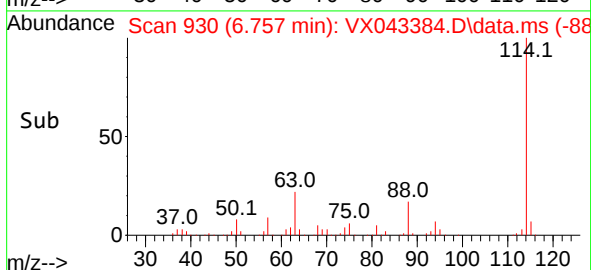
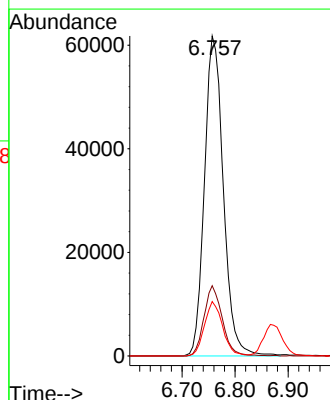
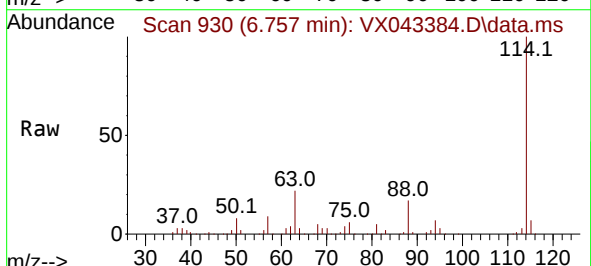
Instrument :
 MSVOA_X
 ClientSampleId :

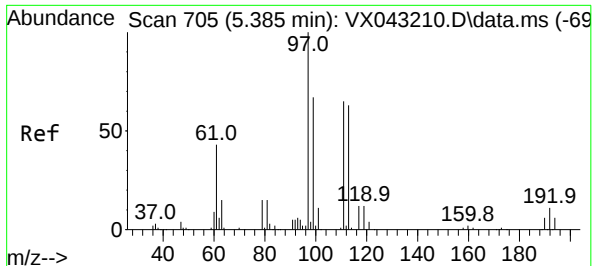
Tgt Ion: 65 Resp: 67613
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX043384.D
 Acq: 14 Oct 2024 16:26

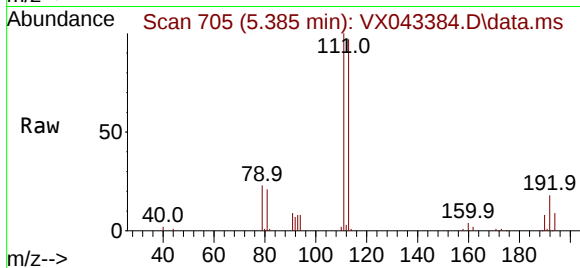
Tgt Ion: 114 Resp: 153131
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.0
 88 17.0 0.0 33.0



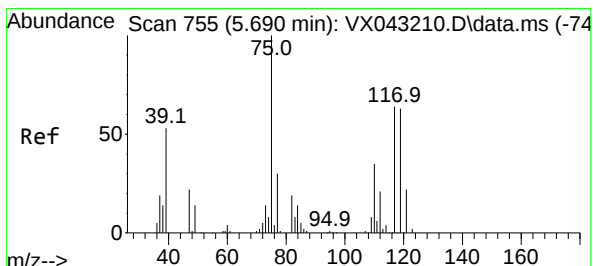
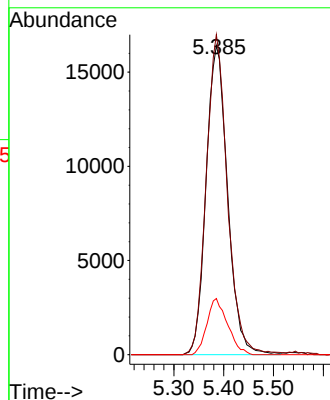
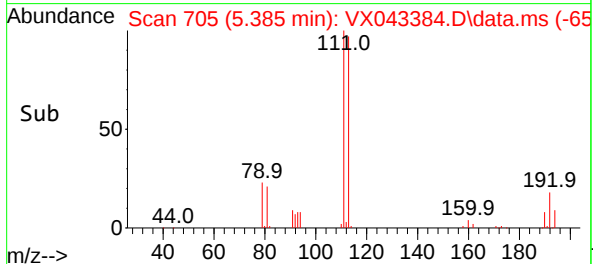


#35
Dibromofluoromethane
Concen: 46.486 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043384.D
Acq: 14 Oct 2024 16:26

Instrument :
MSVOA_X
ClientSampleId :

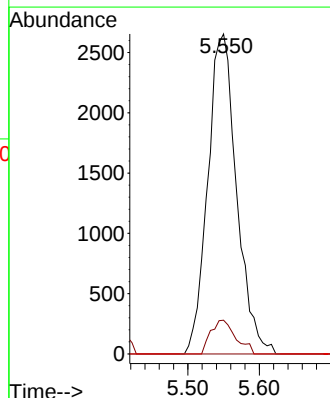
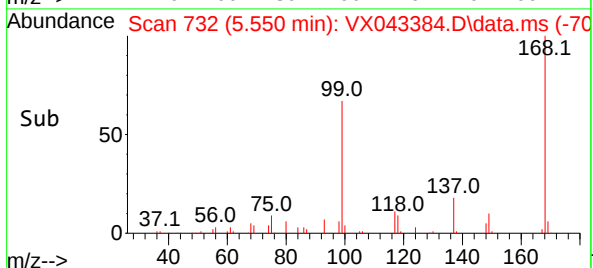
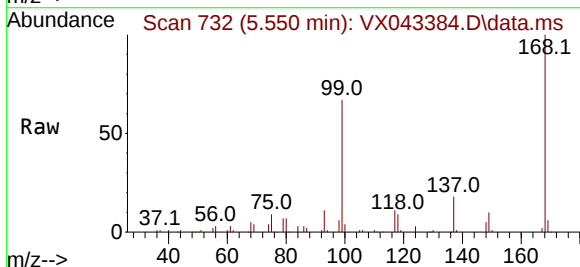


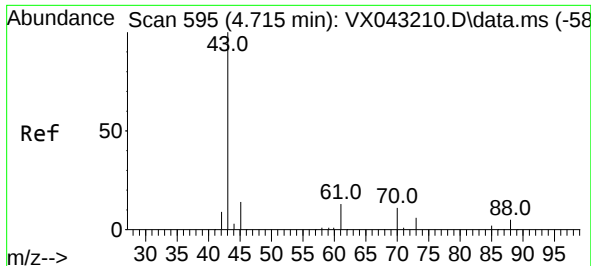
Tgt Ion:113 Resp: 49092
Ion Ratio Lower Upper
113 100
111 102.0 83.4 125.0
192 17.4 14.1 21.1



#36
1,1-Dichloropropene
Concen: 5.580 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX043384.D
Acq: 14 Oct 2024 16:26

Tgt Ion: 75 Resp: 7445
Ion Ratio Lower Upper
75 100
110 9.1 17.8 53.3#
77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 12.290 ug/l

RT: 4.574 min Scan# 51

Delta R.T. -0.140 min

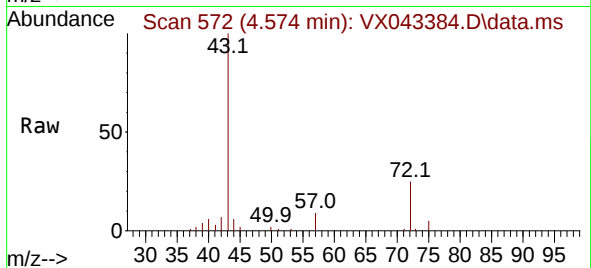
Lab File: VX043384.D

Acq: 14 Oct 2024 16:26

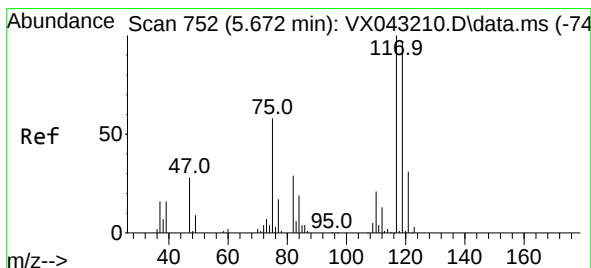
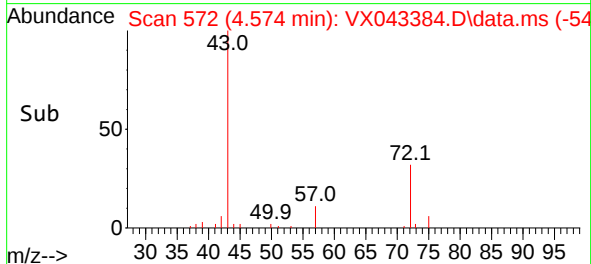
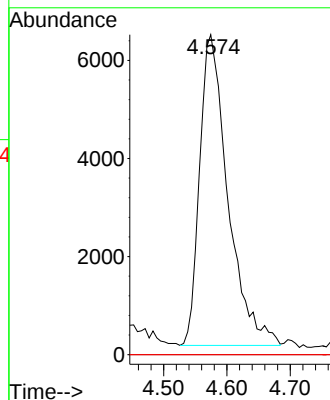
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43	Resp: 19690
Ion Ratio	Lower Upper
43	100
61	0.0 11.0 16.4#
70	0.0 8.9 13.3#



#38

Carbon Tetrachloride

Concen: 5.874 ug/l

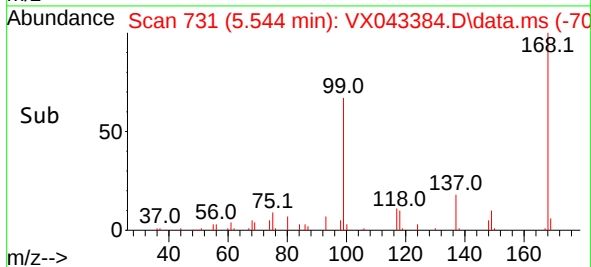
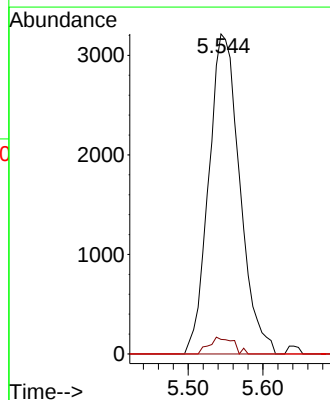
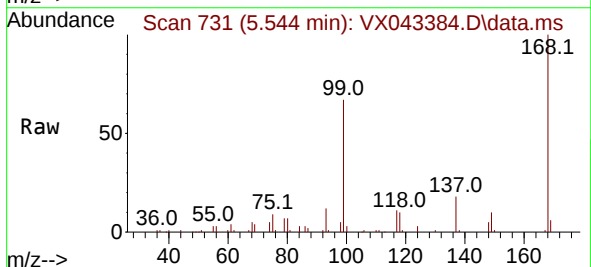
RT: 5.544 min Scan# 731

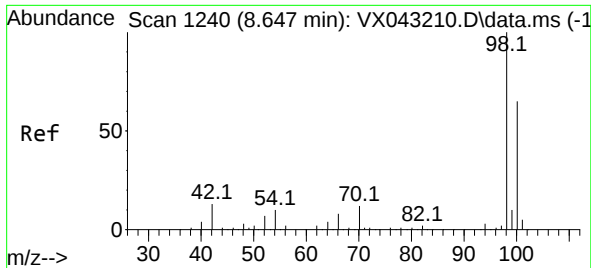
Delta R.T. -0.128 min

Lab File: VX043384.D

Acq: 14 Oct 2024 16:26

Tgt Ion: 117	Resp: 9278
Ion Ratio	Lower Upper
117	100
119	4.5 77.7 116.5#
121	0.0 24.3 36.5#

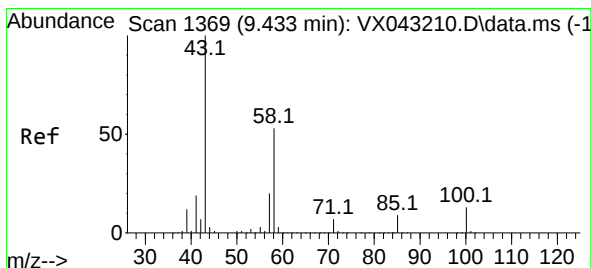
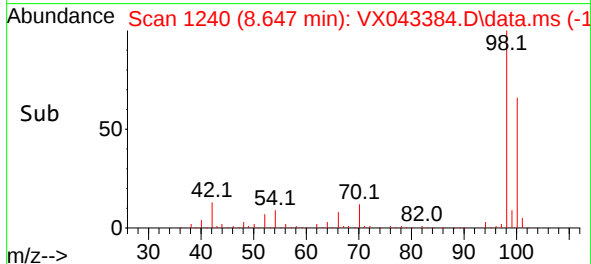
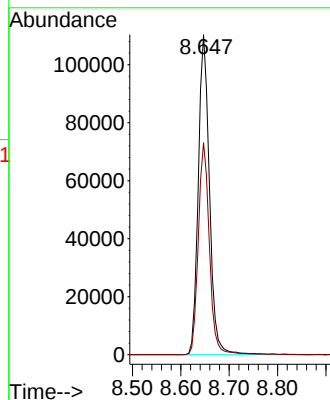
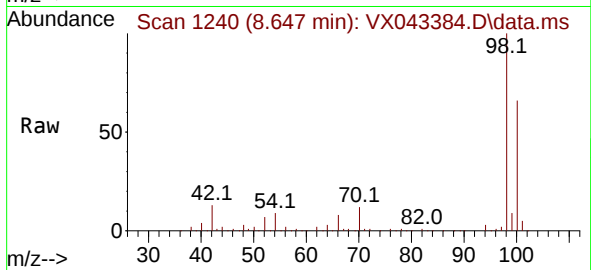




#50
Toluene-d8
Concen: 48.254 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043384.D
Acq: 14 Oct 2024 16:26

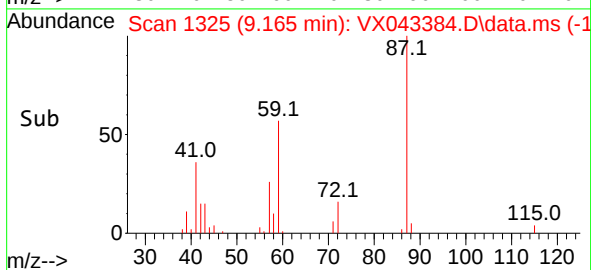
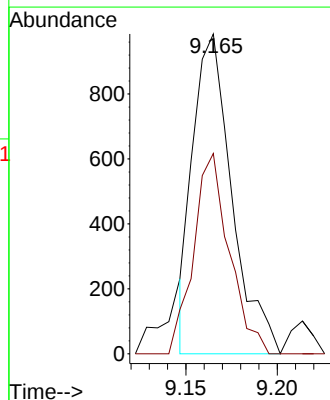
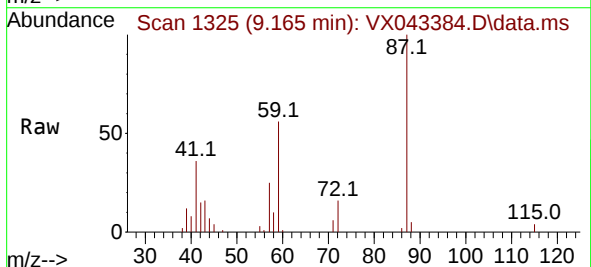
Instrument :
MSVOA_X
ClientSampleId :

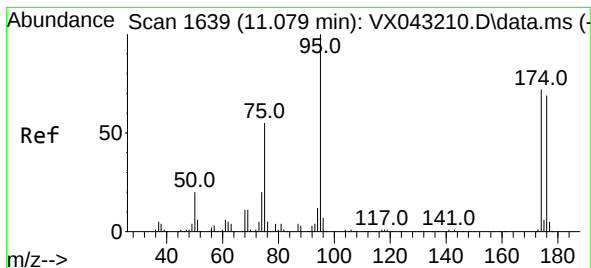
Tgt Ion: 98 Resp: 176594
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6



#59
2-Hexanone
Concen: 1.199 ug/l
RT: 9.165 min Scan# 1325
Delta R.T. -0.268 min
Lab File: VX043384.D
Acq: 14 Oct 2024 16:26

Tgt Ion: 43 Resp: 1457
Ion Ratio Lower Upper
43 100
58 54.1 26.1 78.3

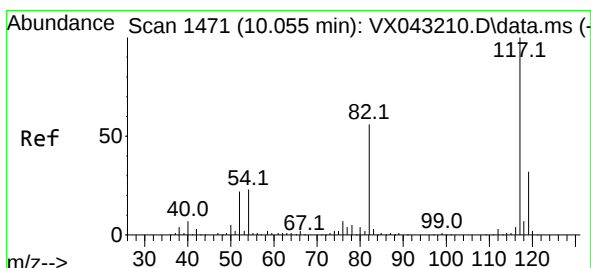
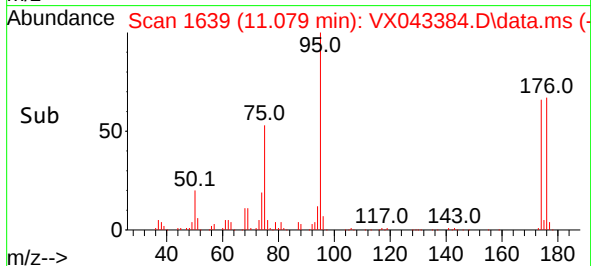
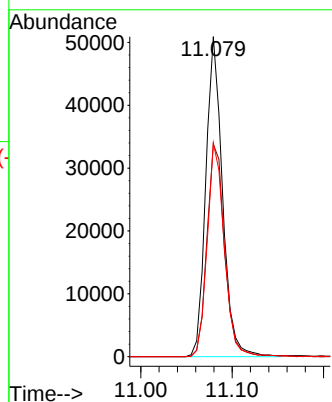
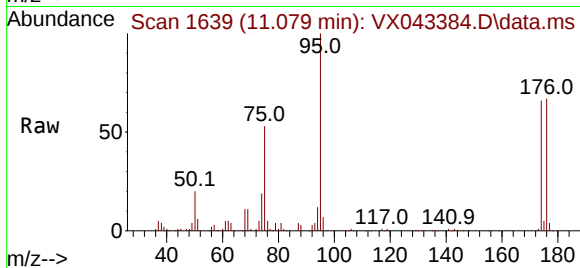




#62
4-Bromofluorobenzene
Concen: 48.467 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043384.D
Acq: 14 Oct 2024 16:26

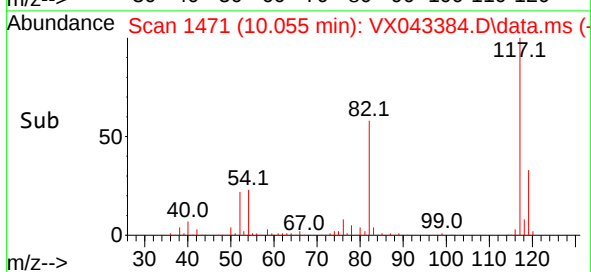
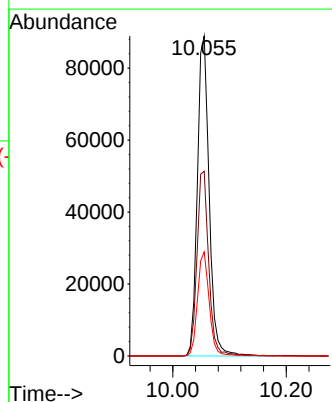
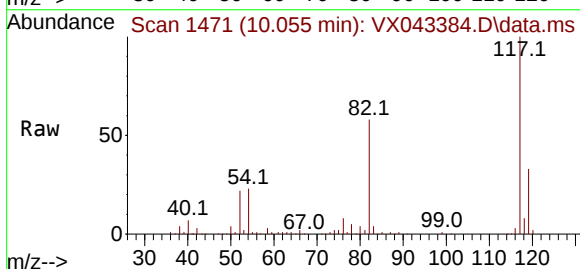
Instrument :
MSVOA_X
ClientSampleId :

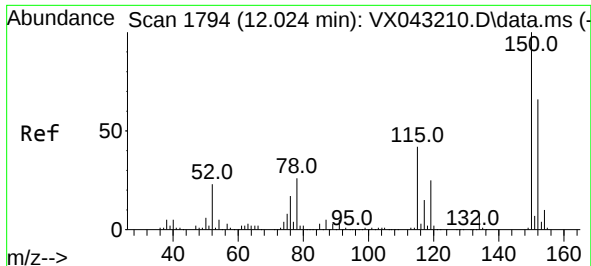
Tgt Ion: 95 Resp: 64439
Ion Ratio Lower Upper
95 100
174 70.1 0.0 145.0
176 68.5 0.0 143.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043384.D
Acq: 14 Oct 2024 16:26

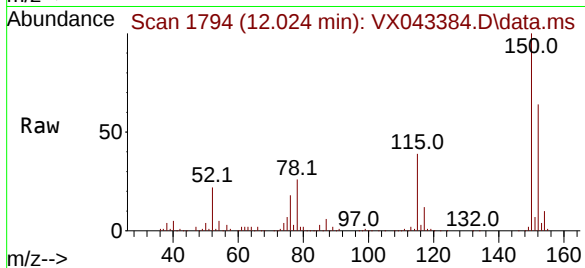
Tgt Ion: 117 Resp: 128211
Ion Ratio Lower Upper
117 100
82 57.7 45.0 67.6
119 32.5 25.3 37.9



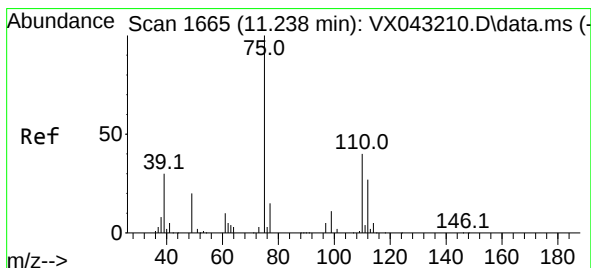
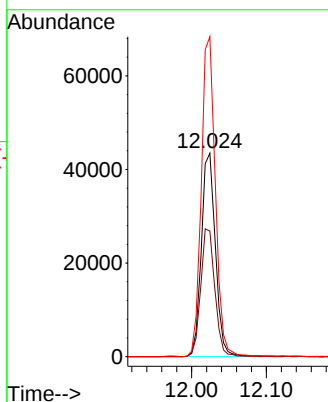
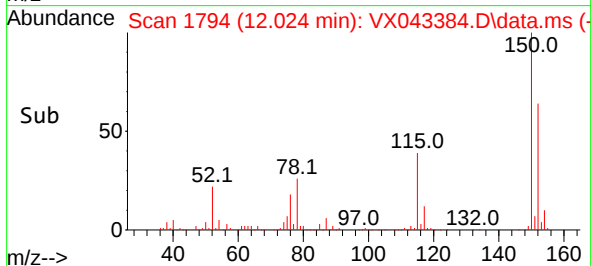


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX043384.D
 Acq: 14 Oct 2024 16:26

Instrument :
 MSVOA_X
 ClientSampleId :

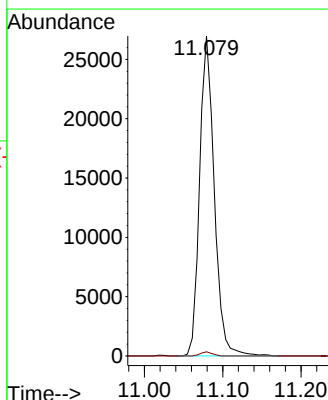
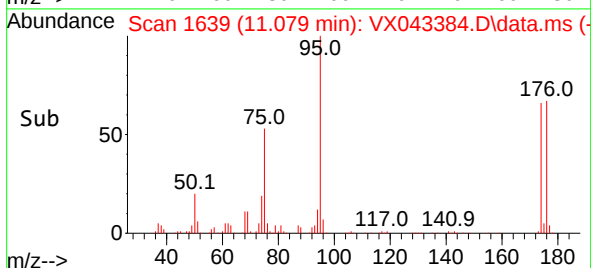
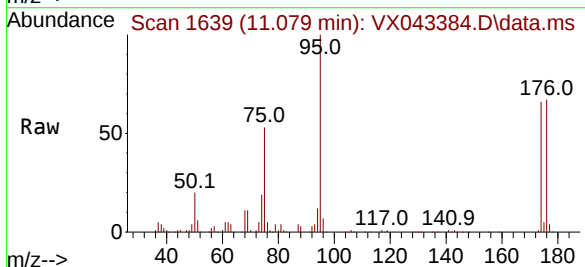


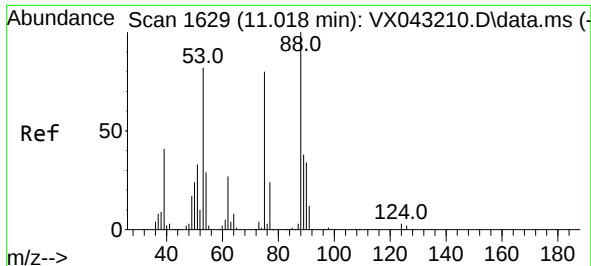
Tgt Ion:152 Resp: 57030
 Ion Ratio Lower Upper
 152 100
 115 63.1 44.1 132.3
 150 156.6 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 27.744 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX043384.D
 Acq: 14 Oct 2024 16:26

Tgt Ion: 75 Resp: 35096
 Ion Ratio Lower Upper
 75 100
 77 1.0 22.0 66.0#

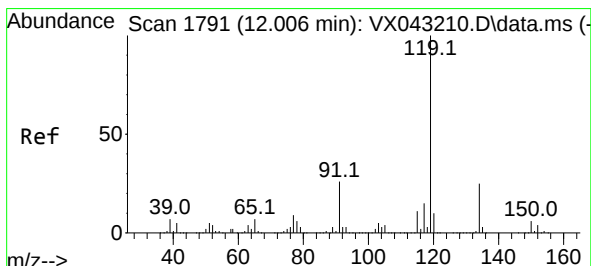
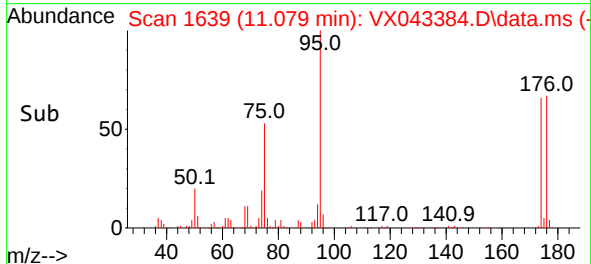
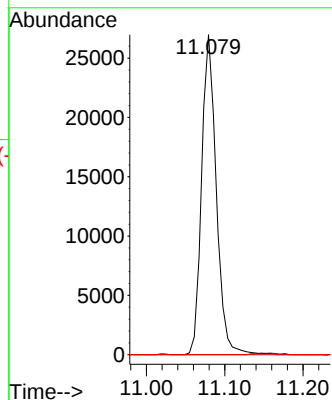
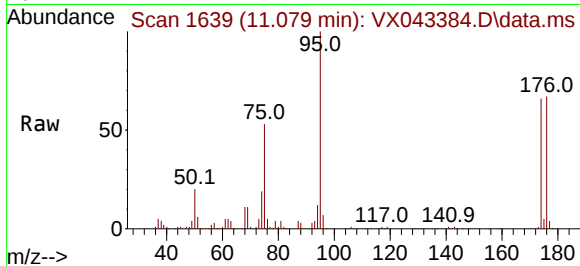




#81
trans-1,4-Dichloro-2-butene
Concen: 71.903 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043384.D
Acq: 14 Oct 2024 16:26

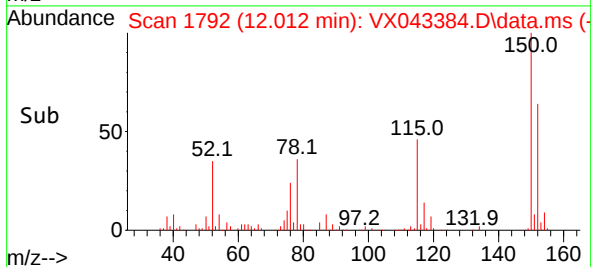
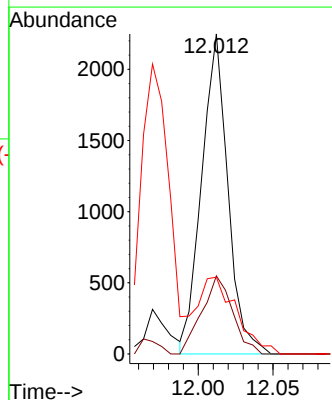
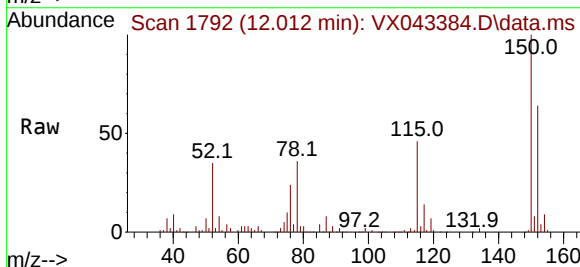
Instrument :
MSVOA_X
ClientSampleId :

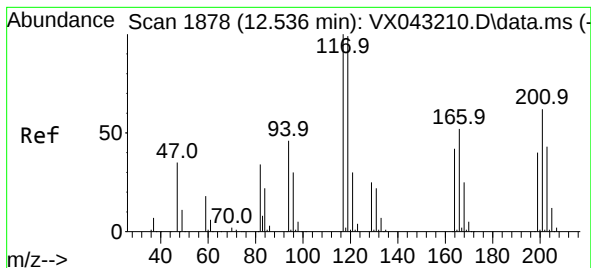
Tgt Ion: 75 Resp: 35096
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.0 38.6 58.0#



#86
p-Isopropyltoluene
Concen: 0.735 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX043384.D
Acq: 14 Oct 2024 16:26

Tgt Ion: 119 Resp: 2741
Ion Ratio Lower Upper
119 100
134 28.6 13.0 38.9
91 34.1 13.0 39.0





#90

Hexachloroethane

Concen: 0.658 ug/l

RT: 12.671 min Scan# 19

Delta R.T. 0.134 min

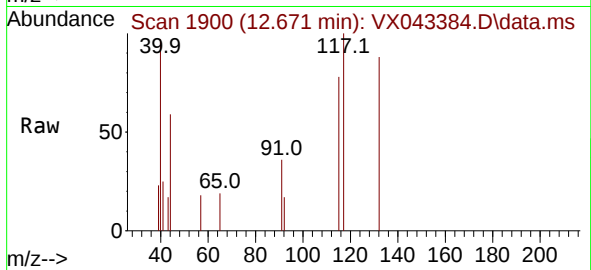
Lab File: VX043384.D

Acq: 14 Oct 2024 16:26

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:117 Resp: 460

Ion Ratio Lower Upper

117 100

201 0.0 34.0 101.8#

