

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101424\
 Data File : VX043371.D
 Acq On : 14 Oct 2024 10:09
 Operator : JC/MD
 Sample : VX1014WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 15 01:40:43 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)

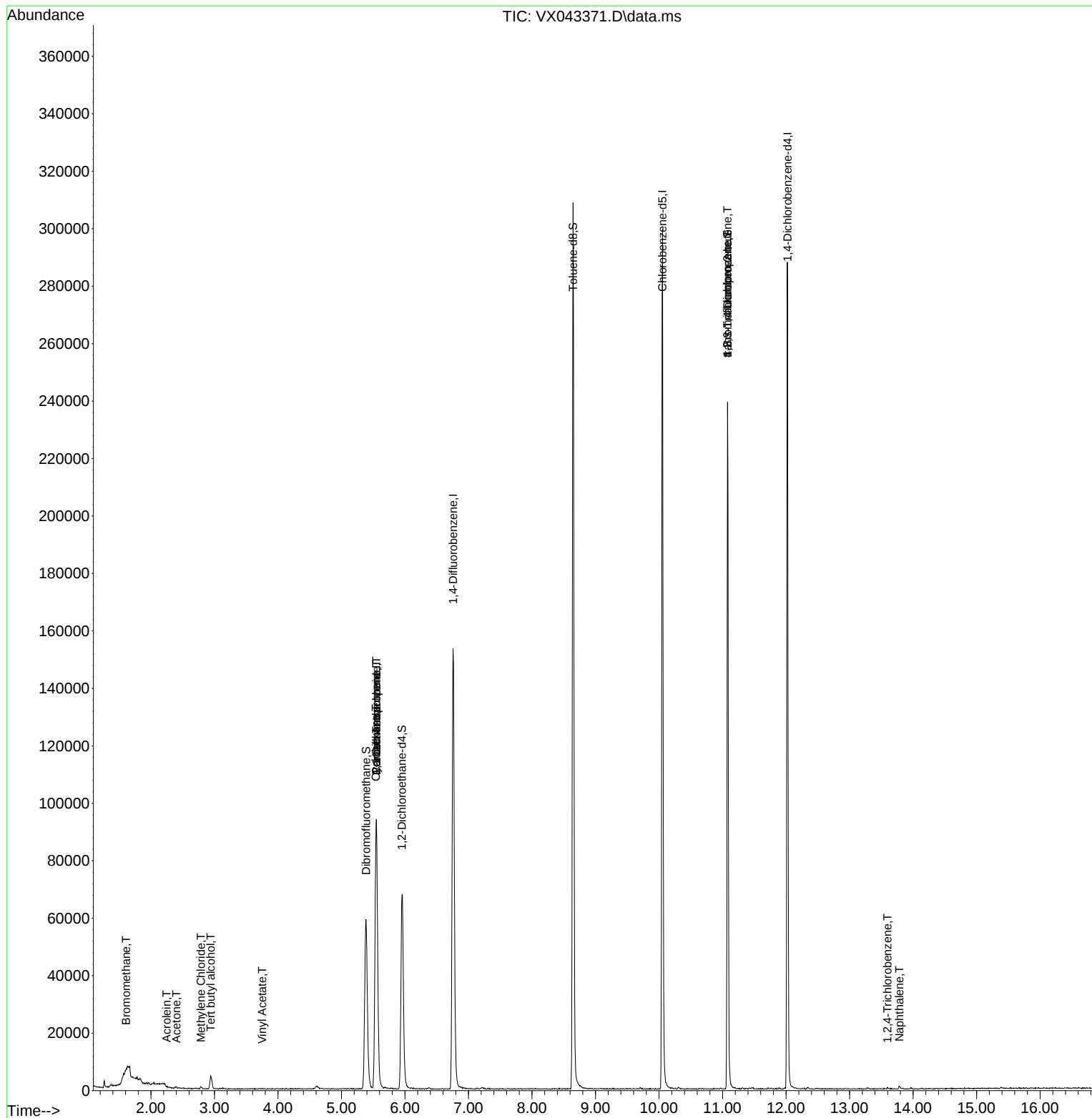
Internal Standards						
1) Pentafluorobenzene	5.549	168	84858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	155984	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	134802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69980	50.496	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.000%
35) Dibromofluoromethane	5.385	113	52261	48.582	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.160%
50) Toluene-d8	8.646	98	185048	49.639	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.280%
62) 4-Bromofluorobenzene	11.079	95	66369	49.005	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.020%
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	277	0.666	ug/l	82
11) Tert butyl alcohol	2.940	59	2626	9.957	ug/l #	71
13) Acrolein	2.245	56	169	0.678	ug/l	91
16) Acetone	2.398	43	651	1.125	ug/l #	84
20) Methylene Chloride	2.788	84	309	0.290	ug/l #	74
23) Vinyl Acetate	3.751	43	137	6.378	ug/l #	71
31) Cyclohexane	5.543	56	2302	1.539	ug/l #	17
36) 1,1-Dichloropropene	5.549	75	7390	5.438	ug/l #	50
38) Carbon Tetrachloride	5.549	117	9747	6.059	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	35984	28.113	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	35984	72.860	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.597	180	246	0.217	ug/l	77
95) Naphthalene	13.786	128	1432	0.344	ug/l #	81

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

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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 15 01:40:43 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



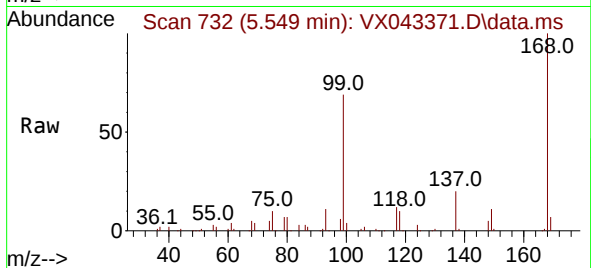


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX043371.D
Acq: 14 Oct 2024 10:09

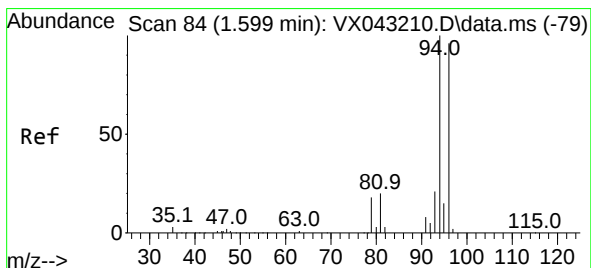
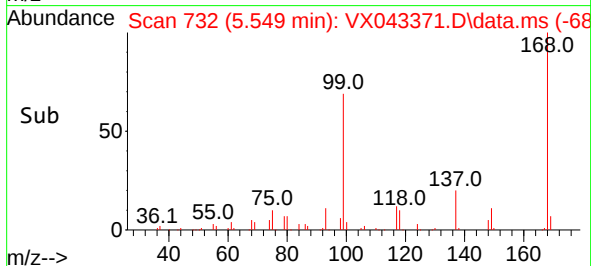
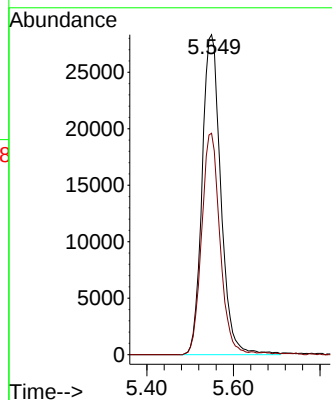
Instrument :

MSVOA_X

ClientSampleId :

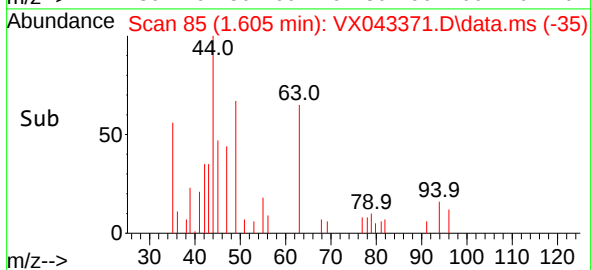
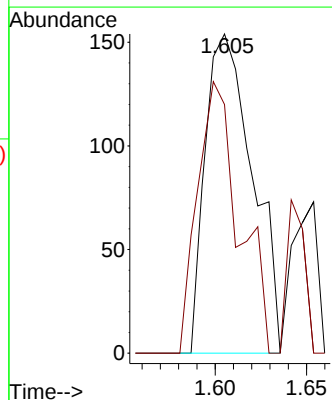
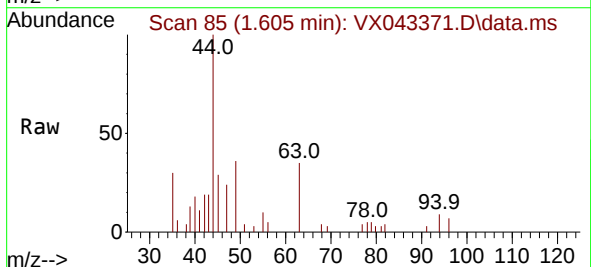


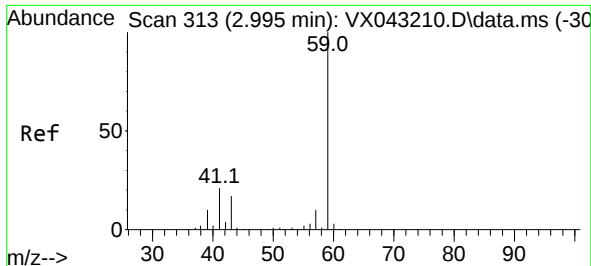
Tgt Ion:168 Resp: 84858
Ion Ratio Lower Upper
168 100
99 69.2 49.7 74.5



#5
Bromomethane
Concen: 0.666 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX043371.D
Acq: 14 Oct 2024 10:09

Tgt Ion: 94 Resp: 277
Ion Ratio Lower Upper
94 100
96 77.9 76.6 115.0





#11

Tert butyl alcohol

Concen: 9.957 ug/l

RT: 2.940 min Scan# 30

Delta R.T. -0.055 min

Lab File: VX043371.D

Acq: 14 Oct 2024 10:09

Instrument :

MSVOA_X

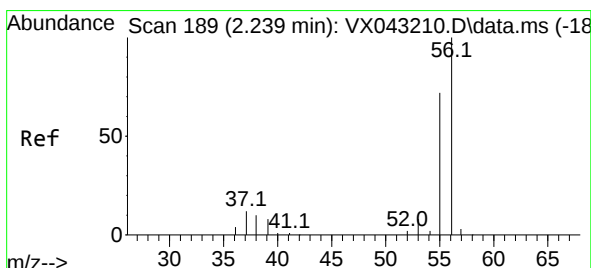
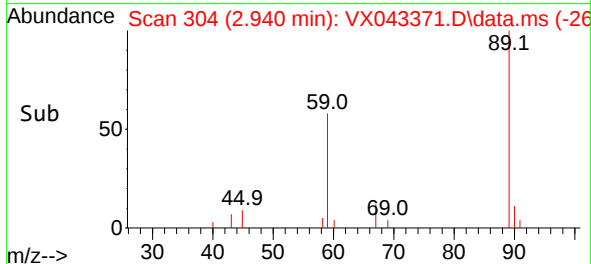
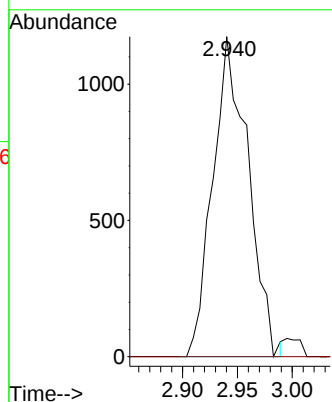
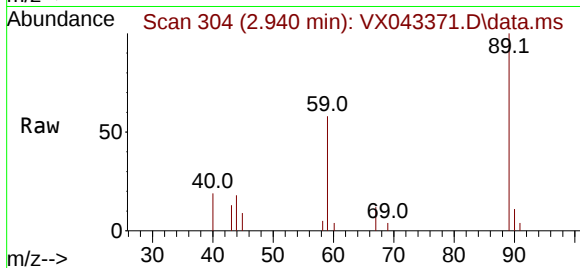
ClientSampleId :

Tgt Ion: 59 Resp: 2626

Ion Ratio Lower Upper

59 100

57 0.0 8.6 13.0#



#13

Acrolein

Concen: 0.678 ug/l

RT: 2.245 min Scan# 190

Delta R.T. 0.006 min

Lab File: VX043371.D

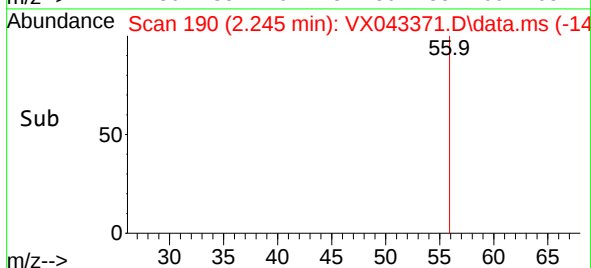
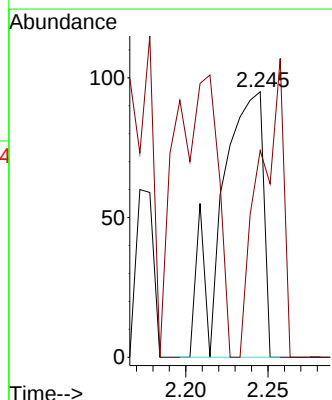
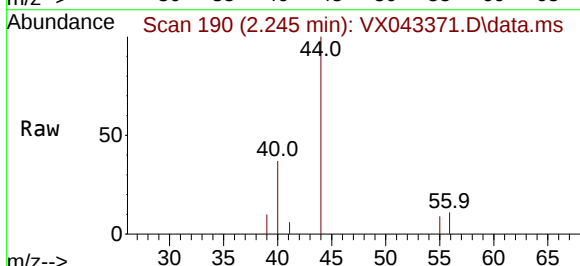
Acq: 14 Oct 2024 10:09

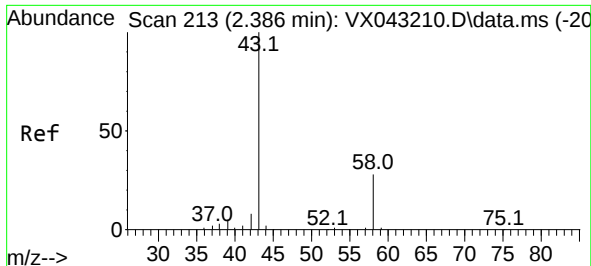
Tgt Ion: 56 Resp: 169

Ion Ratio Lower Upper

56 100

55 63.9 57.4 86.0

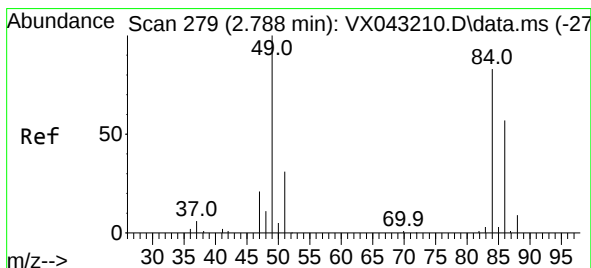
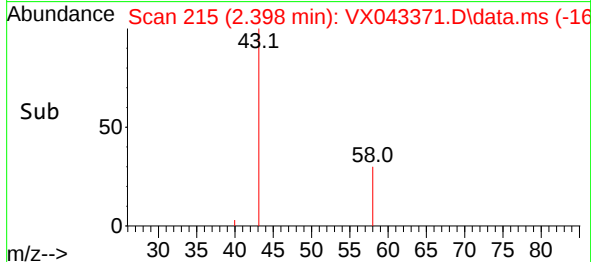
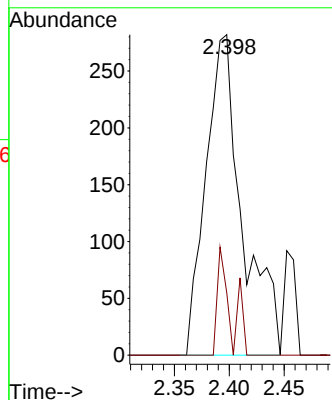
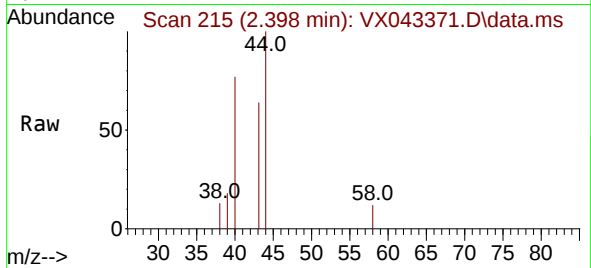




#16
Acetone
Concen: 1.125 ug/l
RT: 2.398 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX043371.D
Acq: 14 Oct 2024 10:09

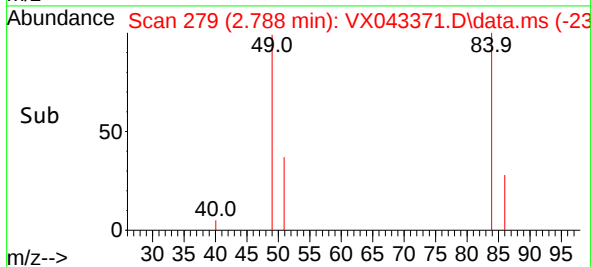
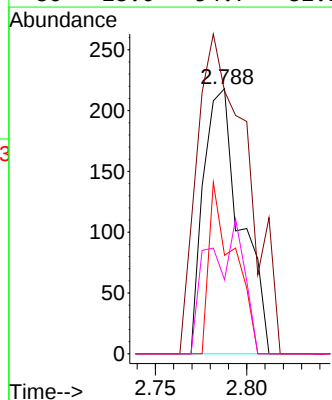
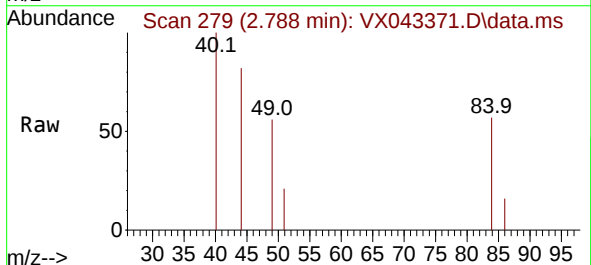
Instrument :
MSVOA_X
ClientSampleId :

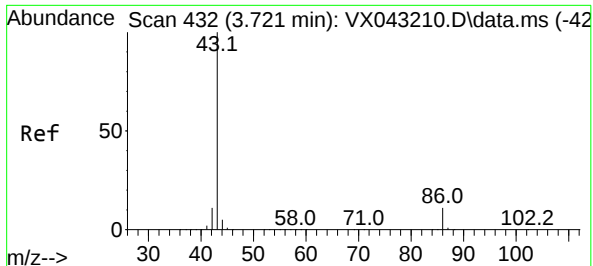
Tgt Ion: 43 Resp: 651
Ion Ratio Lower Upper
43 100
58 19.5 22.6 33.8#



#20
Methylene Chloride
Concen: 0.290 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX043371.D
Acq: 14 Oct 2024 10:09

Tgt Ion: 84 Resp: 309
Ion Ratio Lower Upper
84 100
49 99.1 96.7 145.1
51 37.2 30.4 45.6
86 28.0 54.7 82.1#

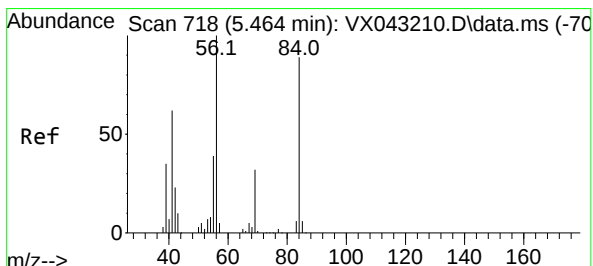
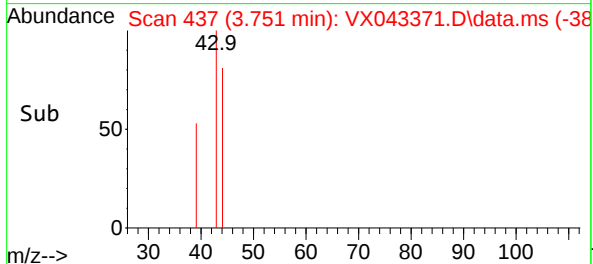
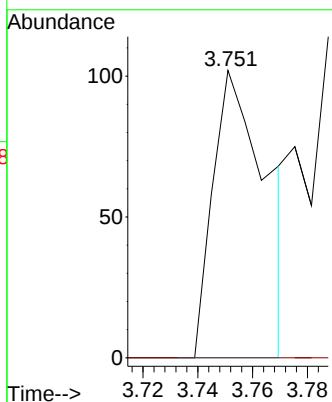
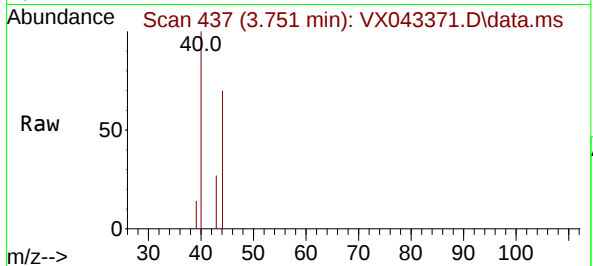




#23
 Vinyl Acetate
 Concen: 6.378 ug/l
 RT: 3.751 min Scan# 41
 Delta R.T. 0.030 min
 Lab File: VX043371.D
 Acq: 14 Oct 2024 10:09

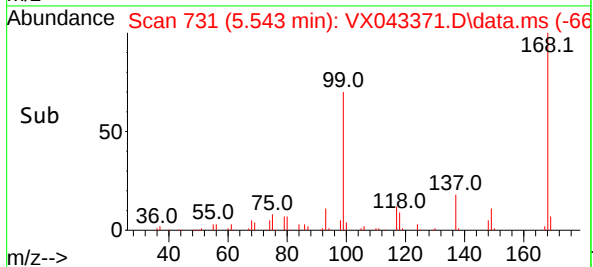
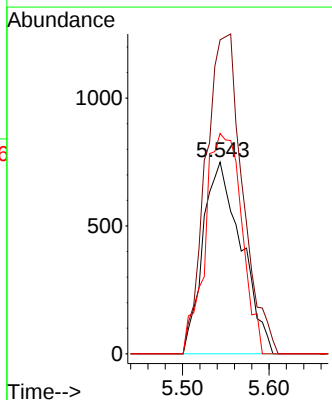
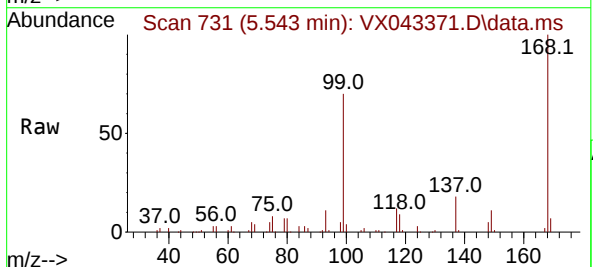
Instrument :
 MSVOA_X
 ClientSampleId :

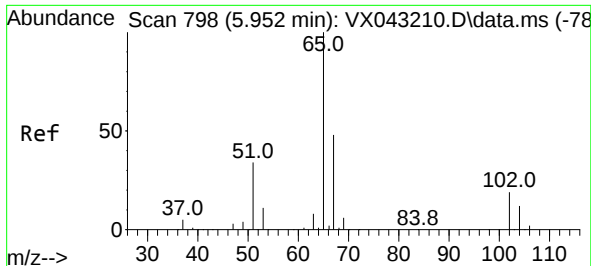
Tgt Ion: 43 Resp: 137
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.8 13.2#



#31
 Cyclohexane
 Concen: 1.539 ug/l
 RT: 5.543 min Scan# 731
 Delta R.T. 0.079 min
 Lab File: VX043371.D
 Acq: 14 Oct 2024 10:09

Tgt Ion: 56 Resp: 2302
 Ion Ratio Lower Upper
 56 100
 69 163.7 25.8 38.6#
 84 114.9 71.1 106.7#





#33

1,2-Dichloroethane-d4

Concen: 50.496 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX043371.D

Acq: 14 Oct 2024 10:09

Instrument :

MSVOA_X

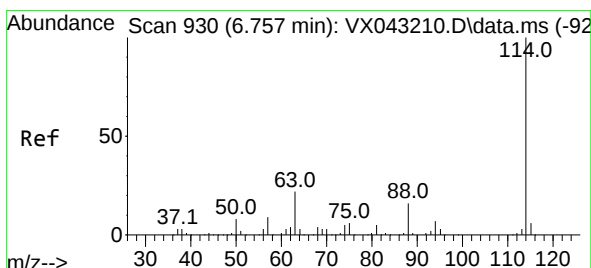
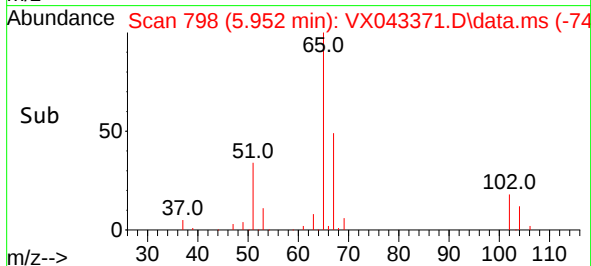
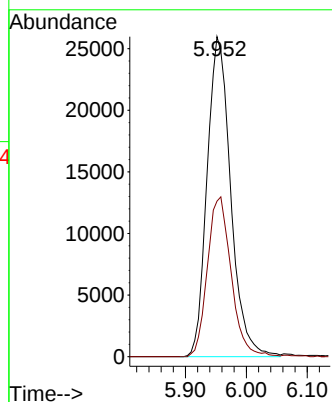
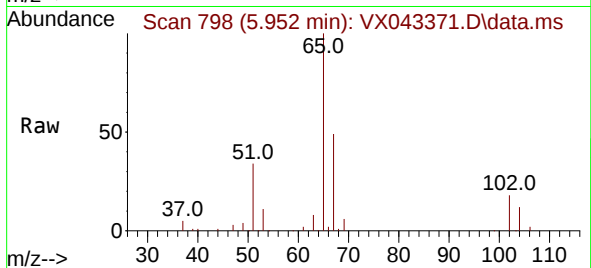
ClientSampleId :

Tgt Ion: 65 Resp: 69980

Ion Ratio Lower Upper

65 100

67 50.2 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: VX043371.D

Acq: 14 Oct 2024 10:09

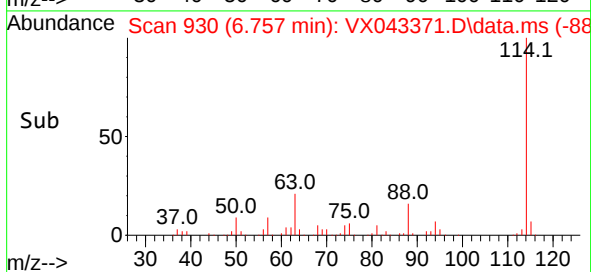
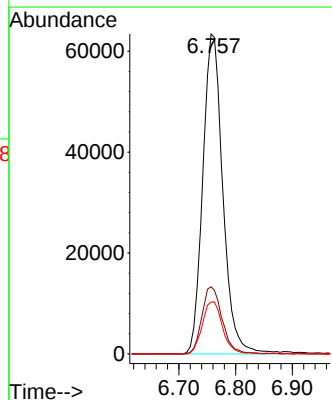
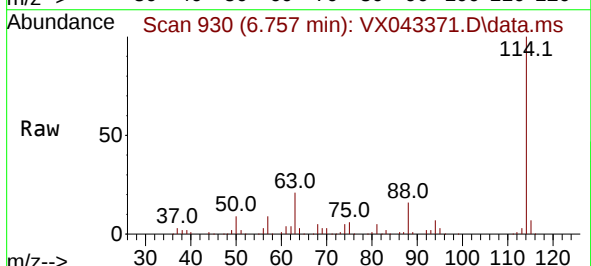
Tgt Ion: 114 Resp: 155984

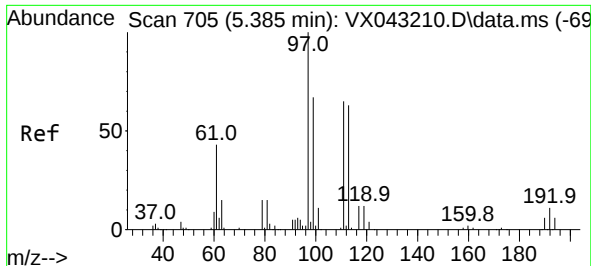
Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.0

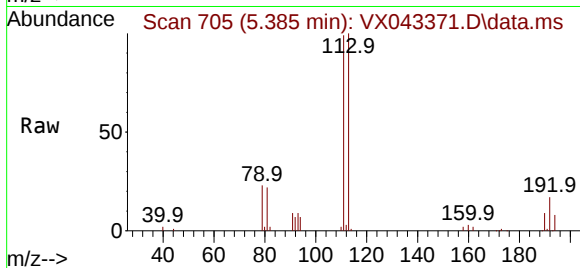
88 16.2 0.0 33.0



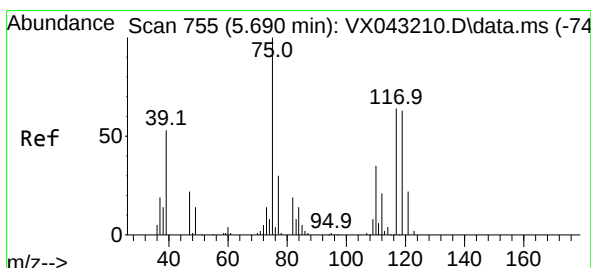
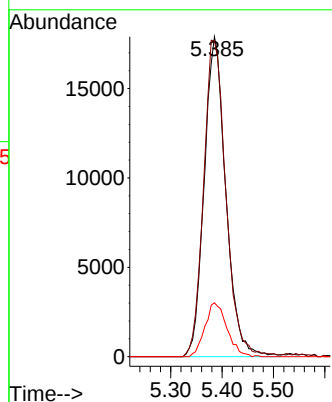
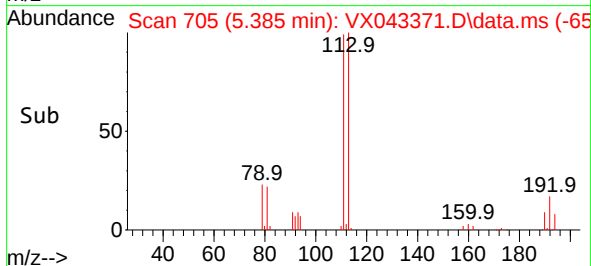


#35
Dibromofluoromethane
Concen: 48.582 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX043371.D
Acq: 14 Oct 2024 10:09

Instrument :
MSVOA_X
ClientSampleId :

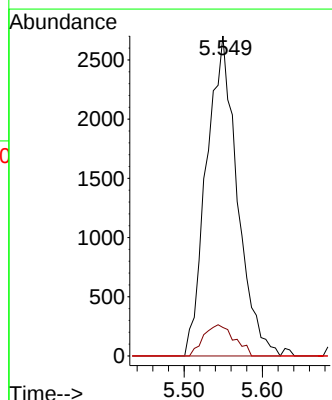
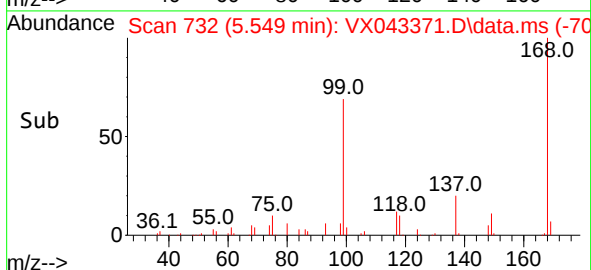
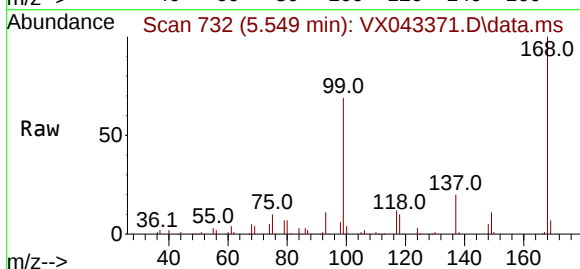


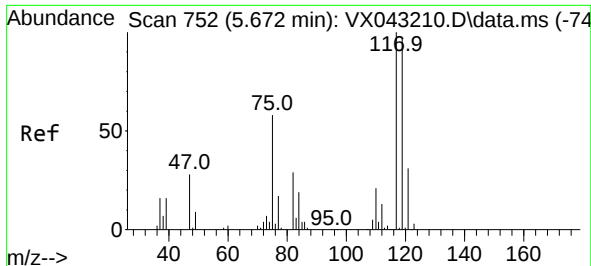
Tgt Ion:113 Resp: 52261
Ion Ratio Lower Upper
113 100
111 102.2 83.4 125.0
192 17.2 14.1 21.1



#36
1,1-Dichloropropene
Concen: 5.438 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.141 min
Lab File: VX043371.D
Acq: 14 Oct 2024 10:09

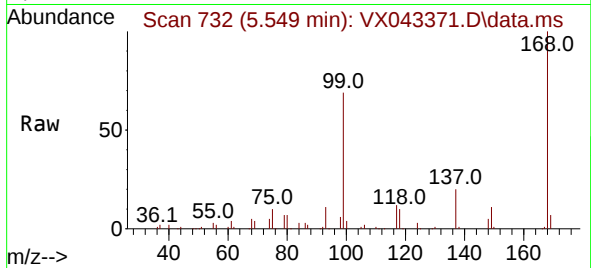
Tgt Ion: 75 Resp: 7390
Ion Ratio Lower Upper
75 100
110 9.7 17.8 53.3#
77 0.0 24.9 37.3#



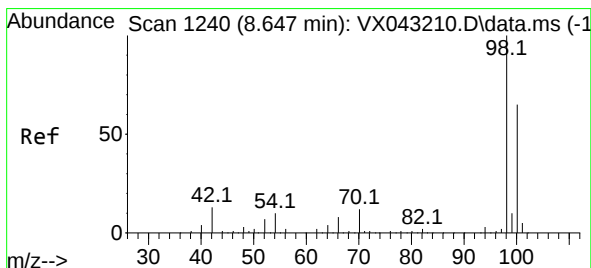
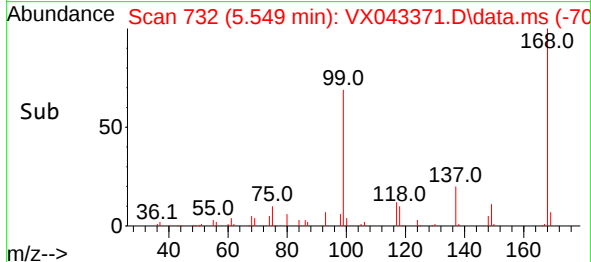
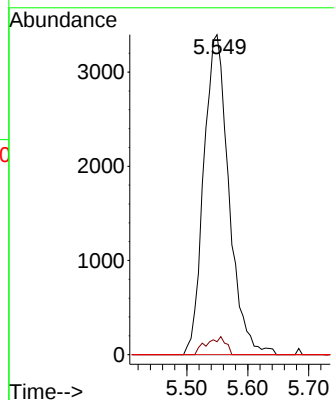


#38
Carbon Tetrachloride
Concen: 6.059 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX043371.D
Acq: 14 Oct 2024 10:09

Instrument :
MSVOA_X
ClientSampleId :

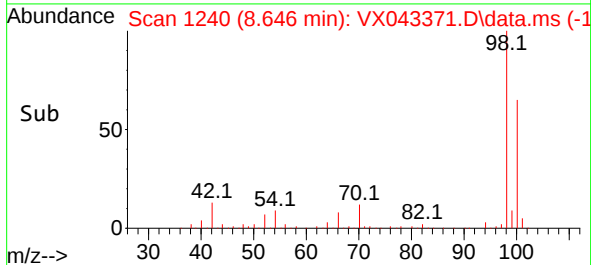
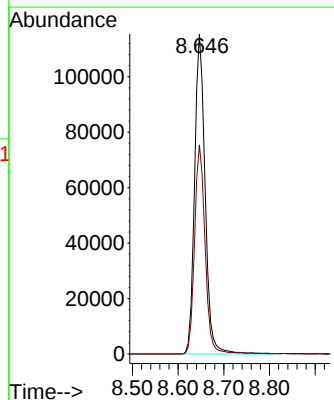
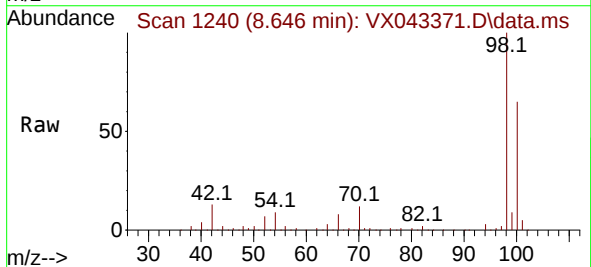


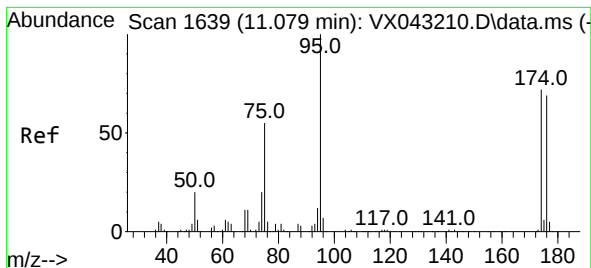
Tgt Ion:117 Resp: 9747
Ion Ratio Lower Upper
117 100
119 4.0 77.7 116.5#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 49.639 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043371.D
Acq: 14 Oct 2024 10:09

Tgt Ion: 98 Resp: 185048
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6

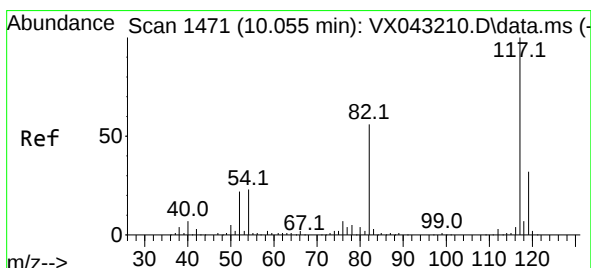
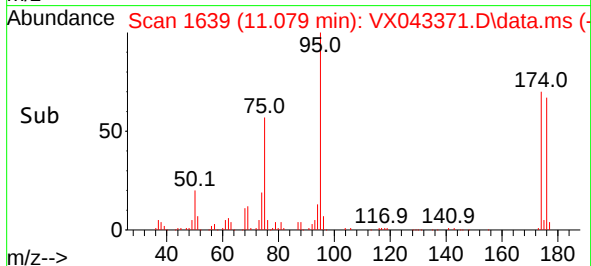
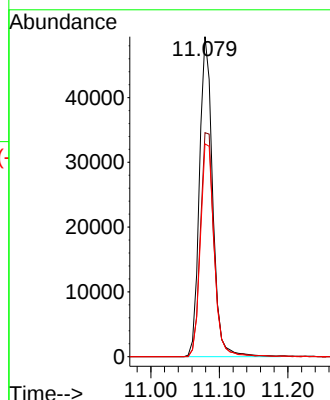
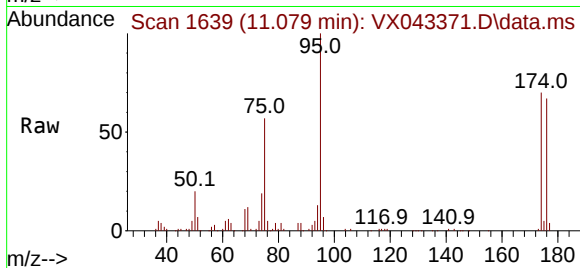




#62
4-Bromofluorobenzene
Concen: 49.005 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043371.D
Acq: 14 Oct 2024 10:09

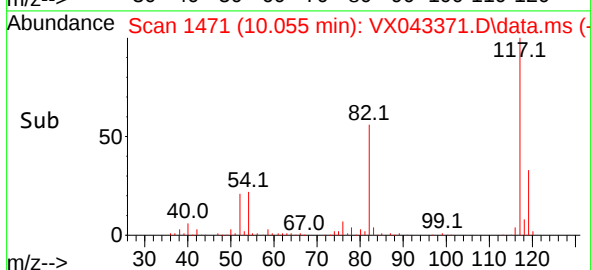
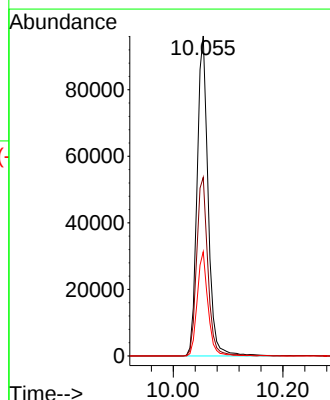
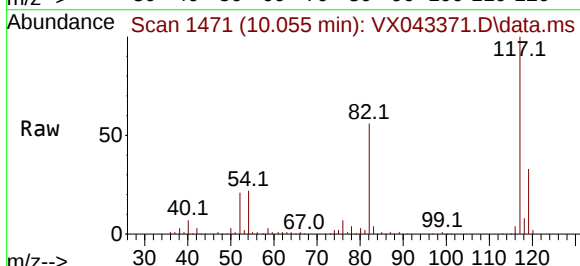
Instrument :
MSVOA_X
ClientSampleId :

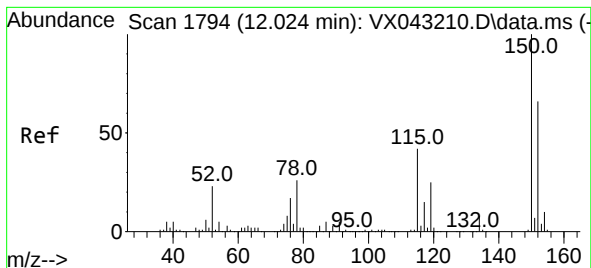
Tgt Ion: 95 Resp: 66369
Ion Ratio Lower Upper
95 100
174 72.6 0.0 145.0
176 69.6 0.0 143.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043371.D
Acq: 14 Oct 2024 10:09

Tgt Ion: 117 Resp: 134802
Ion Ratio Lower Upper
117 100
82 55.8 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# 1

Delta R.T. -0.000 min

Lab File: VX043371.D

Acq: 14 Oct 2024 10:09

Instrument :

MSVOA_X

ClientSampleId :

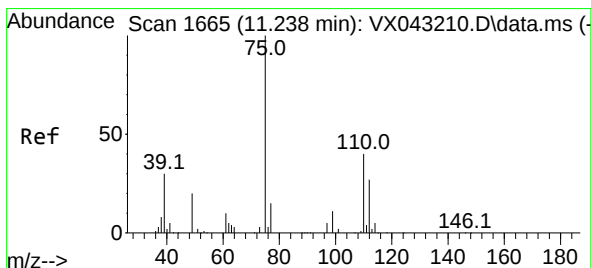
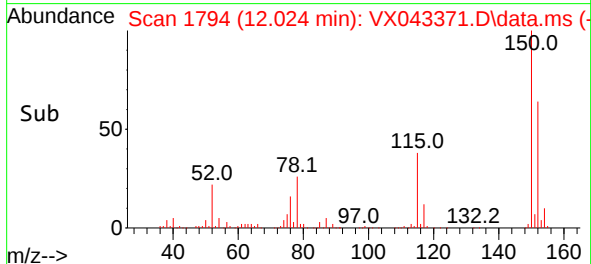
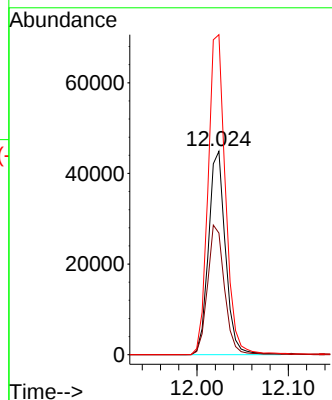
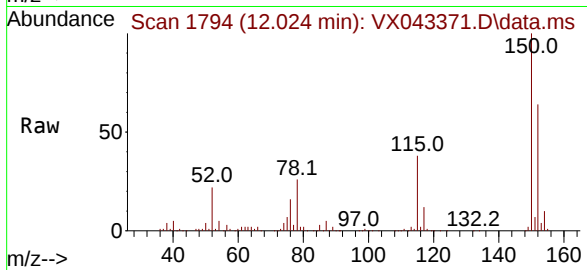
Tgt Ion:152 Resp: 57705

Ion Ratio Lower Upper

152 100

115 63.7 44.1 132.3

150 162.1 0.0 347.4



#76

1,2,3-Trichloropropane

Concen: 28.113 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX043371.D

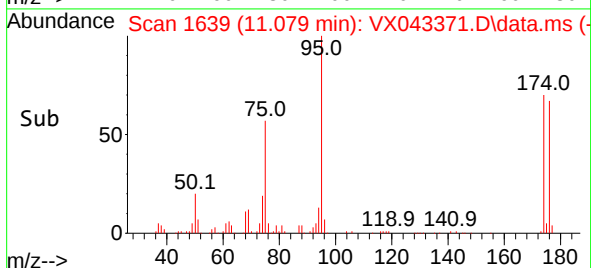
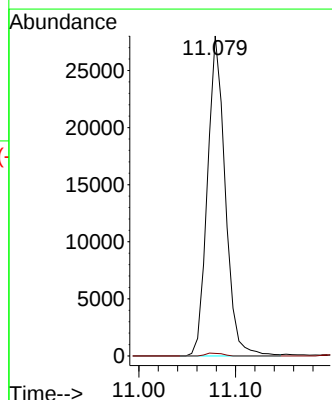
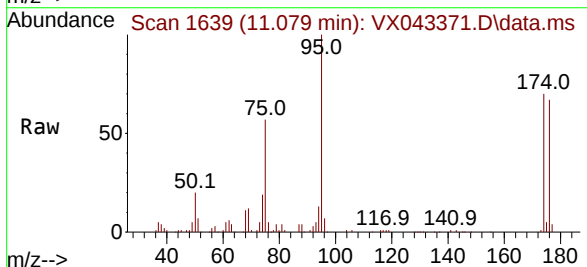
Acq: 14 Oct 2024 10:09

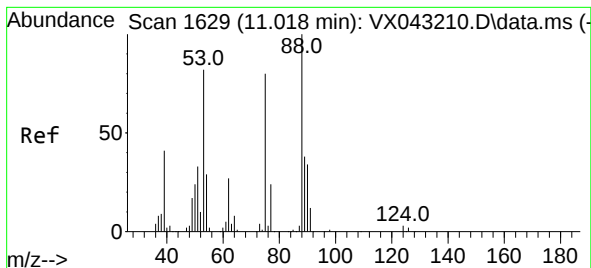
Tgt Ion: 75 Resp: 35984

Ion Ratio Lower Upper

75 100

77 0.8 22.0 66.0#

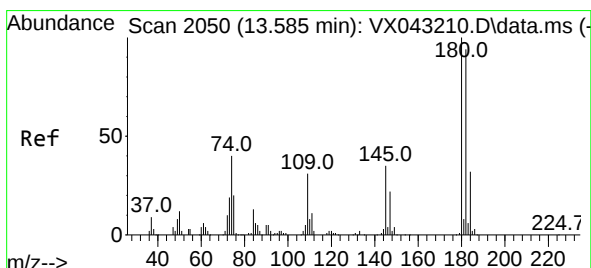
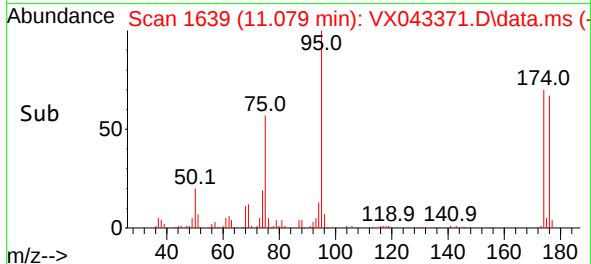
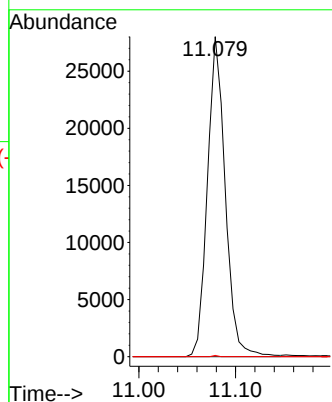
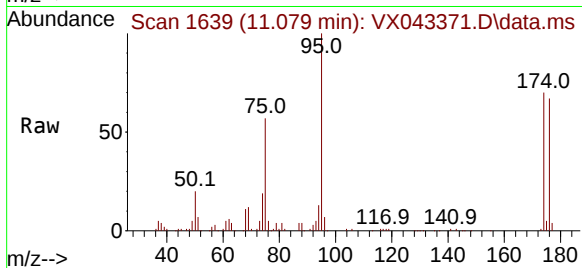




#81
trans-1,4-Dichloro-2-butene
Concen: 72.860 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX043371.D
Acq: 14 Oct 2024 10:09

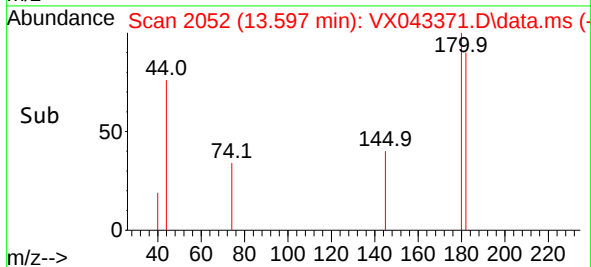
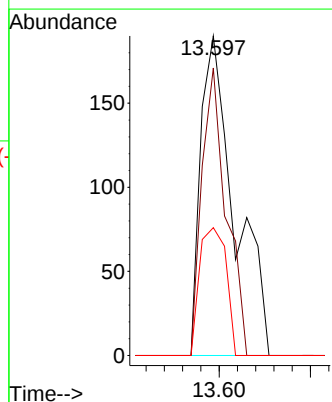
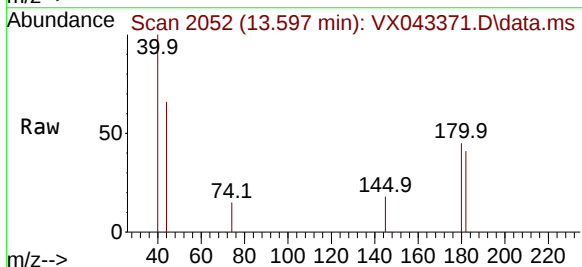
Instrument :
MSVOA_X
ClientSampleId :

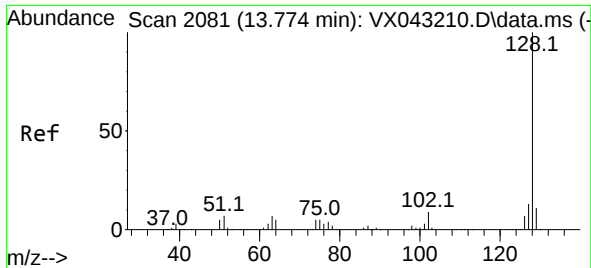
Tgt Ion: 75 Resp: 35984
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.1 38.6 58.0#



#93
1,2,4-Trichlorobenzene
Concen: 0.217 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.012 min
Lab File: VX043371.D
Acq: 14 Oct 2024 10:09

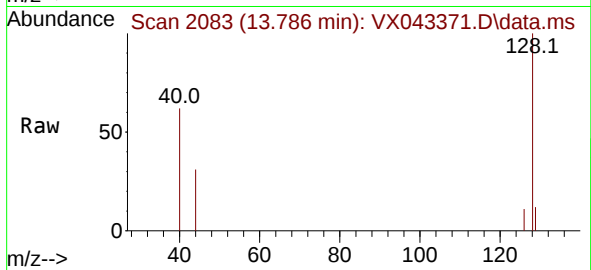
Tgt Ion:180 Resp: 246
Ion Ratio Lower Upper
180 100
182 64.6 47.1 141.3
145 31.3 16.6 49.8





#95
 Naphthalene
 Concen: 0.344 ug/l
 RT: 13.786 min Scan# 20
 Delta R.T. 0.012 min
 Lab File: VX043371.D
 Acq: 14 Oct 2024 10:09

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	128	Resp:	1432
Ion	Ratio	Lower	Upper
128	100		
127	2.6	10.2	15.2#
129	6.2	8.6	13.0#

