

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081424\
 Data File : VX043031.D
 Acq On : 14 Aug 2024 15:02
 Operator : JC/MD
 Sample : VX0814MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 15 04:32:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 04:22:11 2024
 Response via : Initial Calibration

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

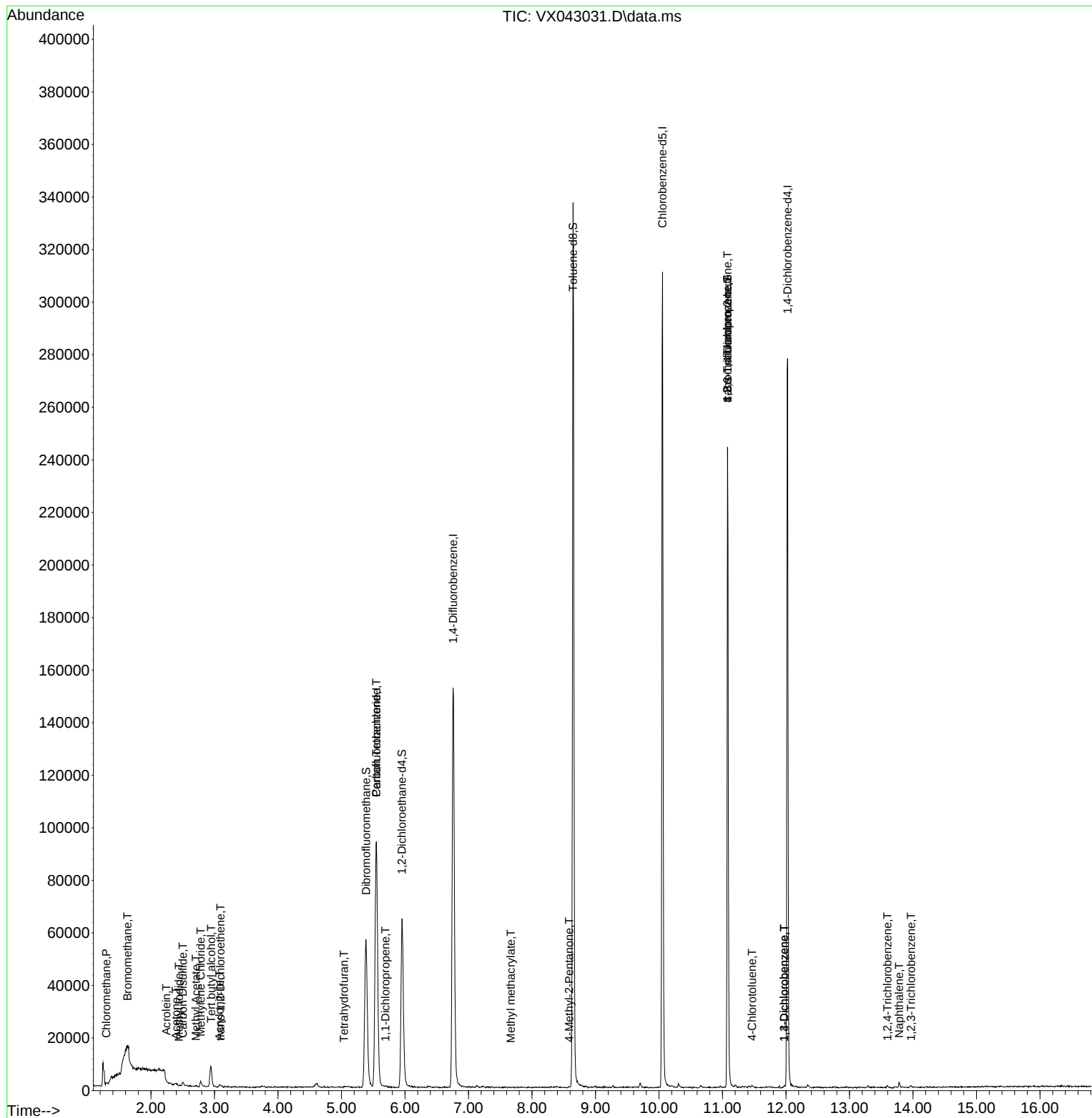
Internal Standards						
1) Pentafluorobenzene	5.550	168	93548	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	165761	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	144399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62362	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	57269	46.589	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.180%
35) Dibromofluoromethane	5.385	113	50905	49.641	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.280%
50) Toluene-d8	8.647	98	200111	50.552	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.100%
62) 4-Bromofluorobenzene	11.079	95	66668	46.447	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.900%
Target Compounds						Qvalue
3) Chloromethane	1.295	50	325	0.232	ug/l #	75
5) Bromomethane	1.630	94	633	1.486	ug/l #	27
10) Methyl Iodide	2.441	142	102	0.535	ug/l #	34
11) Tert butyl alcohol	2.947	59	4525	14.268	ug/l	96
13) Acrolein	2.240	56	378	1.179	ug/l #	14
15) Acrylonitrile	3.081	53	199	0.253	ug/l #	31
16) Acetone	2.392	43	761	1.248	ug/l #	88
17) Carbon Disulfide	2.502	76	2177	0.673	ug/l #	91
18) Methyl Acetate	2.709	43	481	0.239	ug/l #	53
20) Methylene Chloride	2.782	84	1244	0.882	ug/l #	64
21) trans-1,2-Dichloroethene	3.093	96	283	0.240	ug/l #	52
29) Tetrahydrofuran	5.038	42	273	0.369	ug/l #	34
36) 1,1-Dichloropropene	5.690	75	306	0.215	ug/l #	48
38) Carbon Tetrachloride	5.550	117	9172	6.367	ug/l #	16
48) Methyl methacrylate	7.665	41	37	0.431	ug/l #	28
51) 4-Methyl-2-Pentanone	8.586	43	556	0.270	ug/l #	67
76) 1,2,3-Trichloropropane	11.079	75	32245	22.561	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	32245	49.211	ug/l #	5
82) 4-Chlorotoluene	11.463	91	785	0.209	ug/l	77
87) 1,3-Dichlorobenzene	11.969	146	432	0.210	ug/l	85
88) 1,4-Dichlorobenzene	11.969	146	432	0.205	ug/l	85
93) 1,2,4-Trichlorobenzene	13.597	180	345	0.296	ug/l #	73
95) Naphthalene	13.780	128	1978	0.429	ug/l #	92
96) 1,2,3-Trichlorobenzene	13.969	180	321	0.269	ug/l #	83

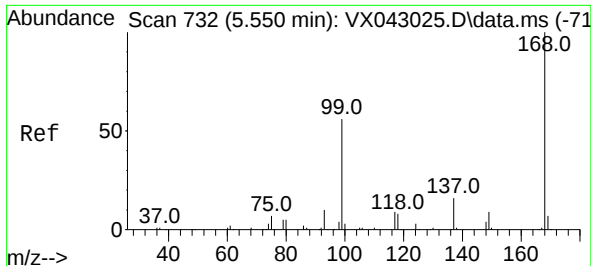
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081424\
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Sample : VX0814MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Aug 15 04:32:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 15 04:22:11 2024
Response via : Initial Calibration

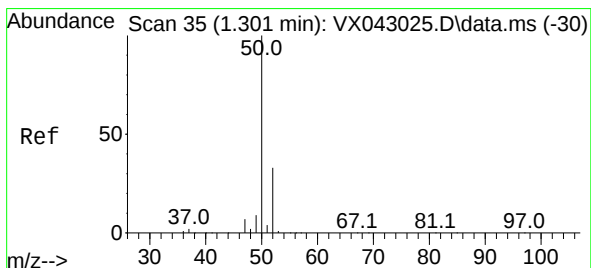
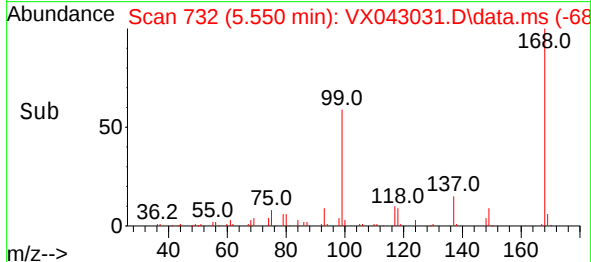
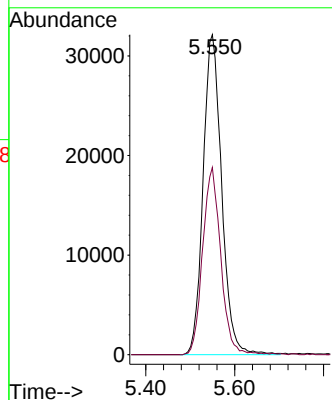
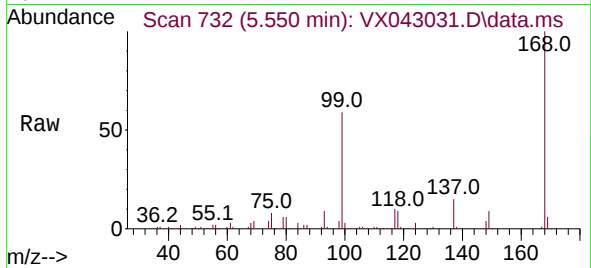




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043031.D
Acq: 14 Aug 2024 15:02

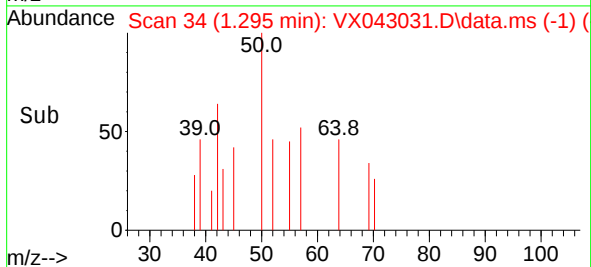
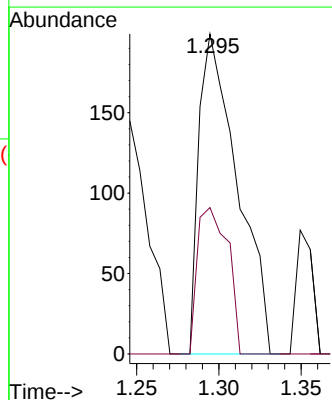
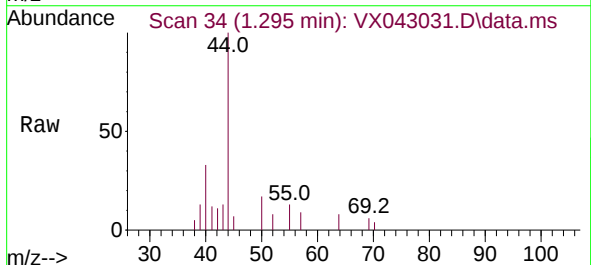
Instrument :
MSVOA_X
ClientSampleId :

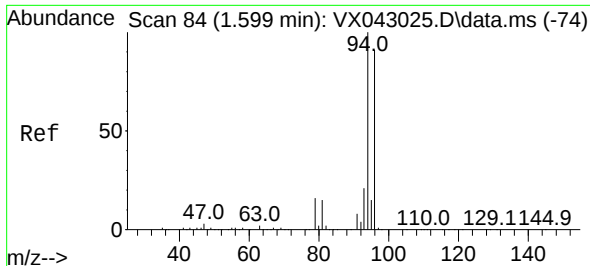
Tgt Ion:168 Resp: 93548
Ion Ratio Lower Upper
168 100
99 58.5 56.6 85.0



#3
Chloromethane
Concen: 0.232 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX043031.D
Acq: 14 Aug 2024 15:02

Tgt Ion: 50 Resp: 325
Ion Ratio Lower Upper
50 100
52 45.7 25.5 38.3#

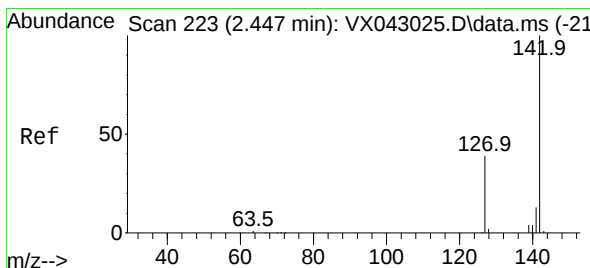
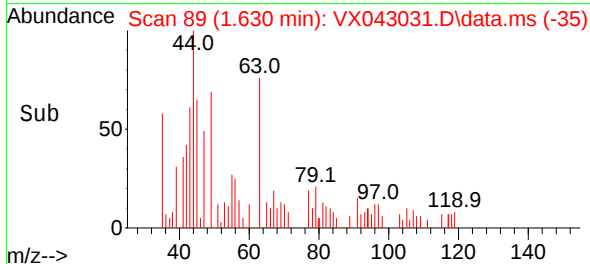
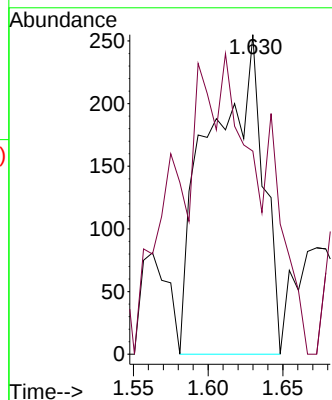
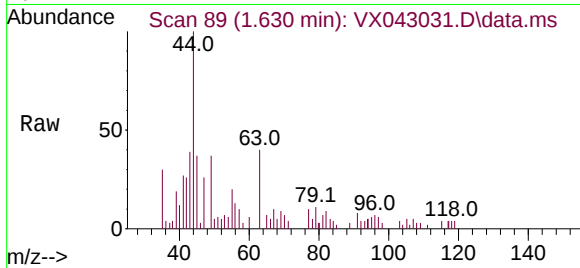




#5
Bromomethane
Concen: 1.486 ug/l
RT: 1.630 min Scan# 84
Delta R.T. 0.031 min
Lab File: VX043031.D
Acq: 14 Aug 2024 15:02

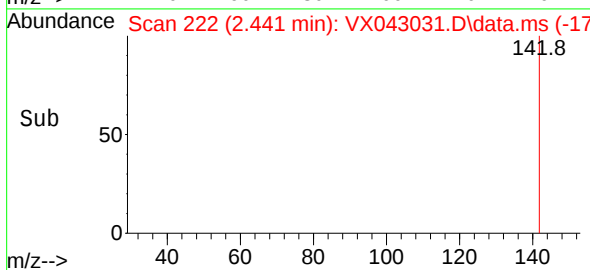
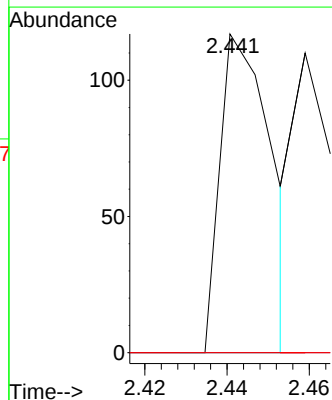
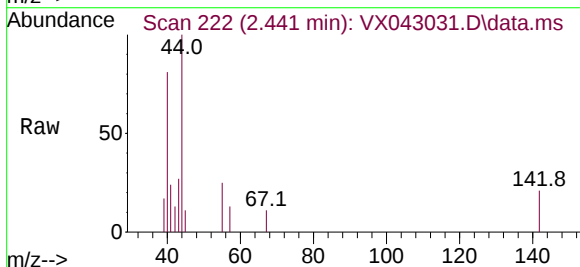
Instrument :
MSVOA_X
ClientSampleId :

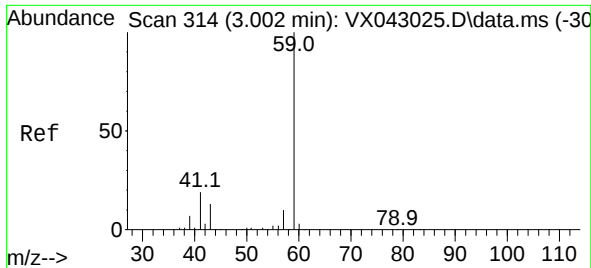
Tgt Ion: 94 Resp: 633
Ion Ratio Lower Upper
94 100
96 22.7 74.6 111.8#



#10
Methyl Iodide
Concen: 0.535 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX043031.D
Acq: 14 Aug 2024 15:02

Tgt Ion: 142 Resp: 102
Ion Ratio Lower Upper
142 100
127 0.0 41.6 62.4#
141 0.0 11.6 17.4#

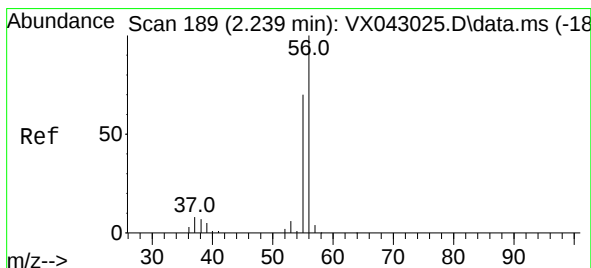
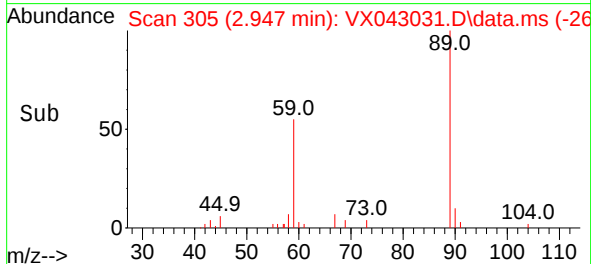
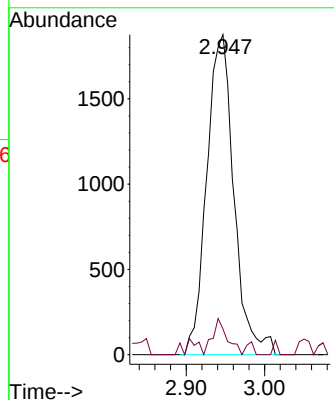
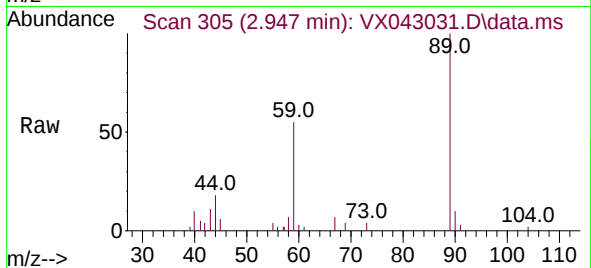




#11
Tert butyl alcohol
Concen: 14.268 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.055 min
Lab File: VX043031.D
Acq: 14 Aug 2024 15:02

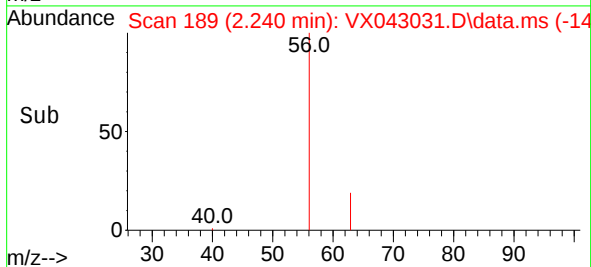
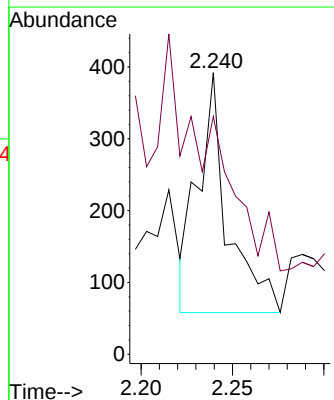
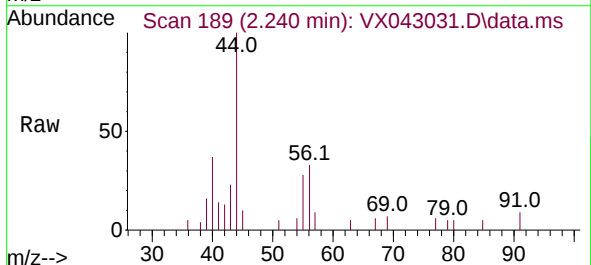
Instrument :
MSVOA_X
ClientSampleId :

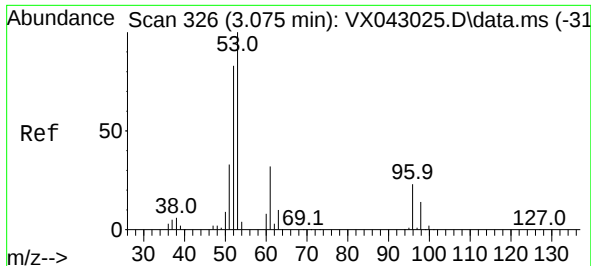
Tgt Ion: 59 Resp: 4525
Ion Ratio Lower Upper
59 100
57 6.1 6.0 9.0



#13
Acrolein
Concen: 1.179 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX043031.D
Acq: 14 Aug 2024 15:02

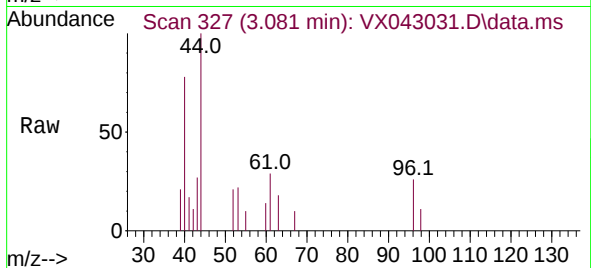
Tgt Ion: 56 Resp: 378
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



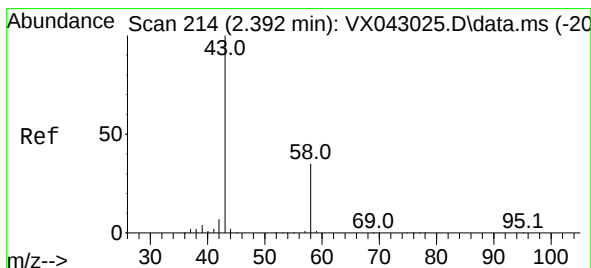
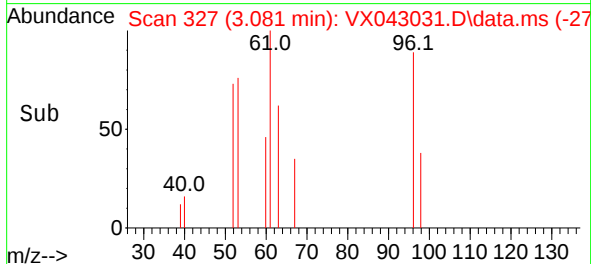
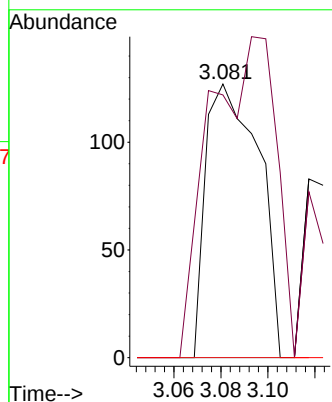


#15
Acrylonitrile
Concen: 0.253 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX043031.D
Acq: 14 Aug 2024 15:02

Instrument :
MSVOA_X
ClientSampleId :

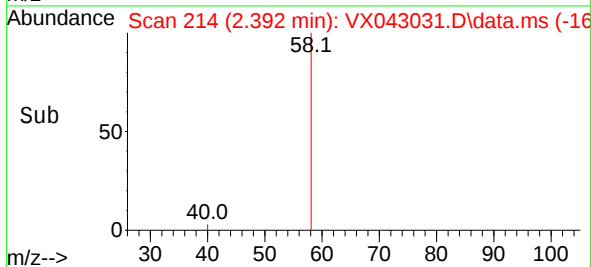
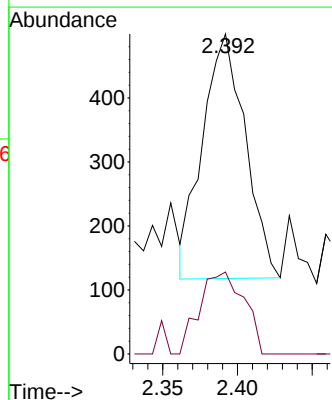
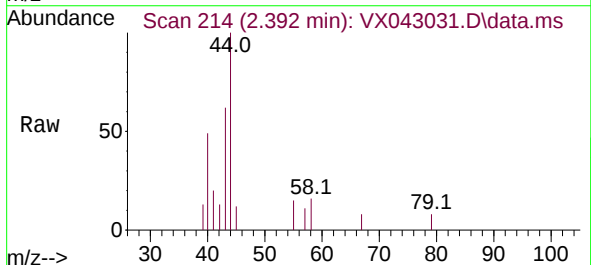


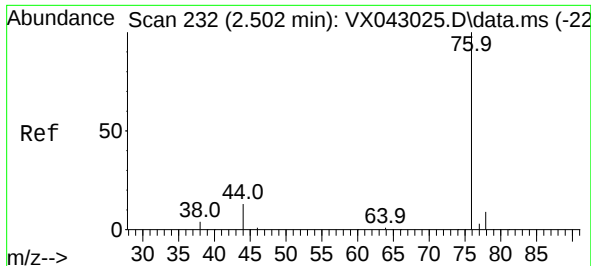
Tgt Ion: 53 Resp: 199
Ion Ratio Lower Upper
53 100
52 147.2 66.0 99.0#
51 0.0 29.8 44.6#



#16
Acetone
Concen: 1.248 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX043031.D
Acq: 14 Aug 2024 15:02

Tgt Ion: 43 Resp: 761
Ion Ratio Lower Upper
43 100
58 33.6 21.9 32.9#





#17

Carbon Disulfide

Concen: 0.673 ug/l

RT: 2.502 min Scan# 2177

Delta R.T. 0.000 min

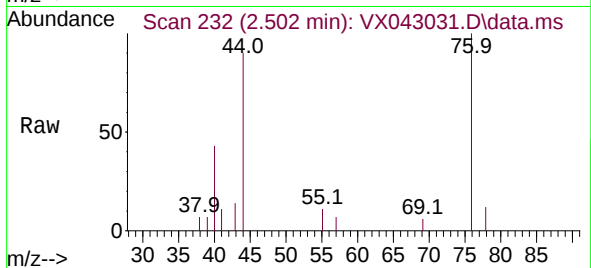
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Acq: 14 Aug 2024 15:02

Instrument :

MSVOA_X

ClientSampleId :

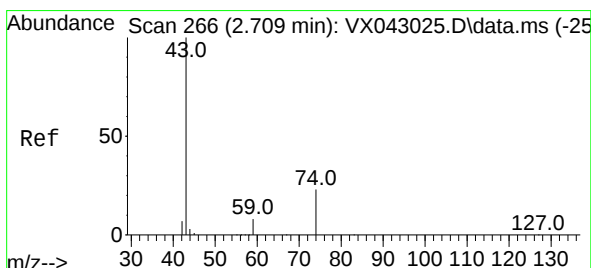
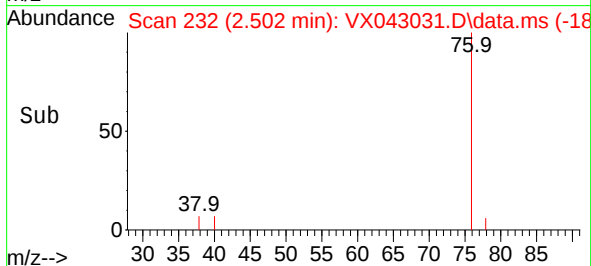
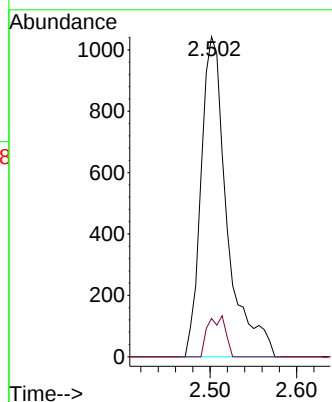


Tgt Ion: 76 Resp: 2177

Ion Ratio Lower Upper

76 100

78 12.0 7.0 10.6#



#18

Methyl Acetate

Concen: 0.239 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX043031.D

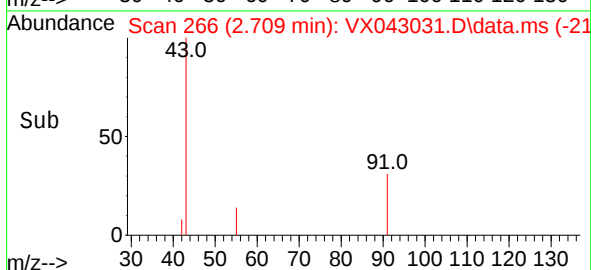
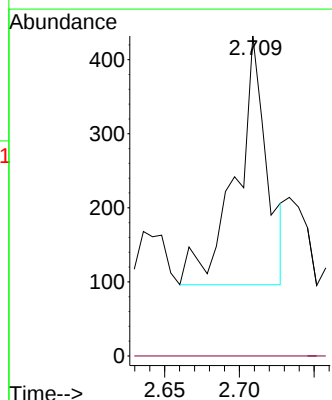
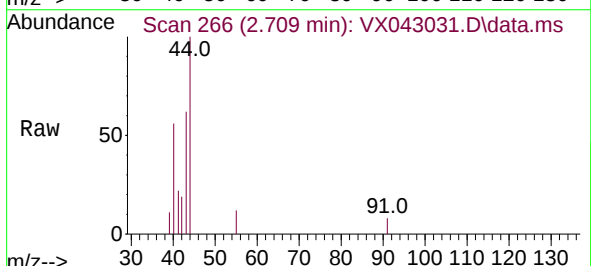
Acq: 14 Aug 2024 15:02

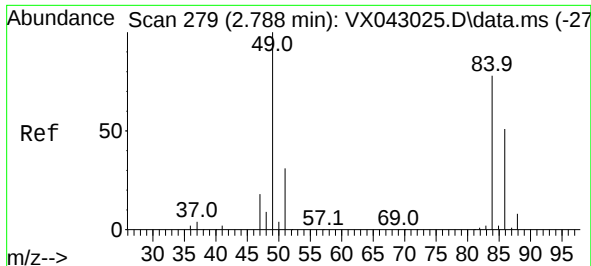
Tgt Ion: 43 Resp: 481

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#





#20

Methylene Chloride

Concen: 0.882 ug/l

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

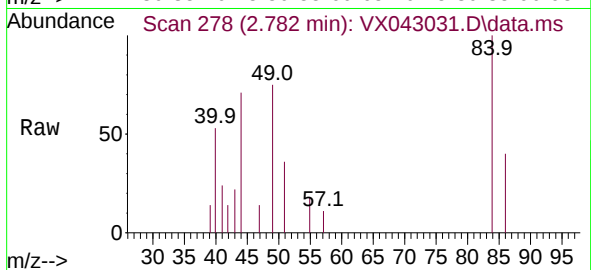
Lab File: VX043031.D

Acq: 14 Aug 2024 15:02

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 1244

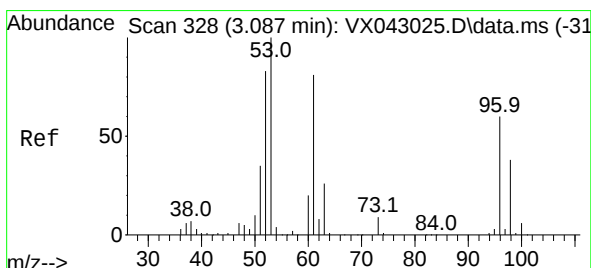
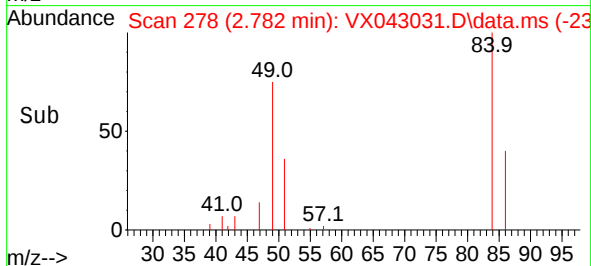
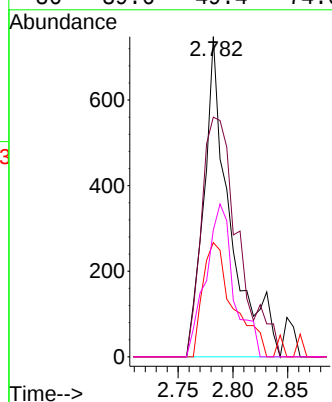
Ion Ratio Lower Upper

84 100

49 74.9 103.6 155.4#

51 35.7 33.8 50.6

86 39.6 49.4 74.0#



#21

trans-1,2-Dichloroethene

Concen: 0.240 ug/l

RT: 3.093 min Scan# 329

Delta R.T. 0.006 min

Lab File: VX043031.D

Acq: 14 Aug 2024 15:02

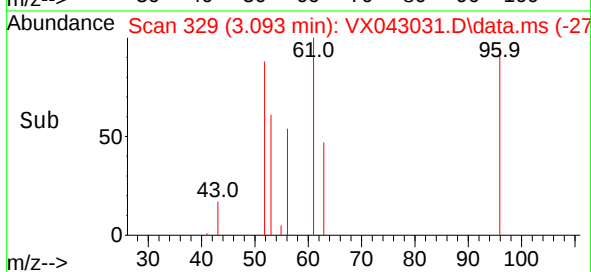
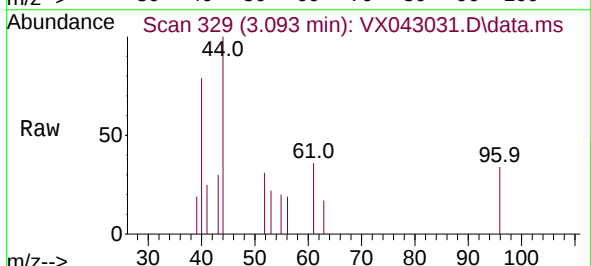
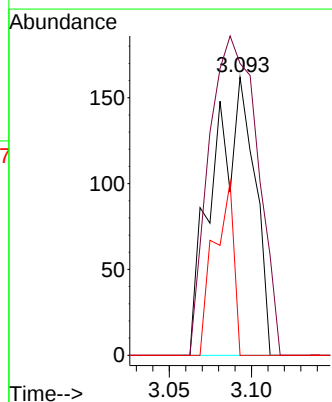
Tgt Ion: 96 Resp: 283

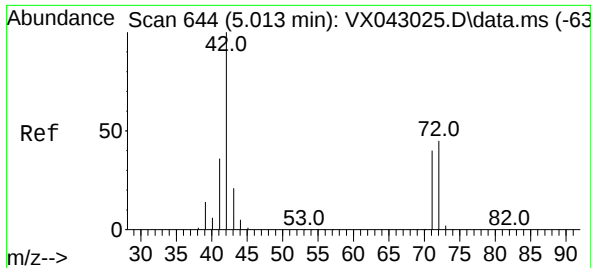
Ion Ratio Lower Upper

96 100

61 104.9 119.2 178.8#

98 0.0 48.7 73.1#





#29

Tetrahydrofuran

Concen: 0.369 ug/l

RT: 5.038 min Scan# 644

Delta R.T. 0.024 min

Lab File: VX043031.D

Acq: 14 Aug 2024 15:02

Instrument :

MSVOA_X

ClientSampleId :

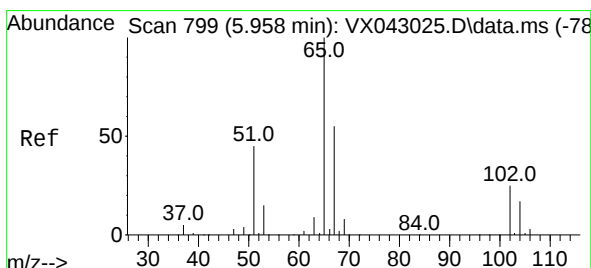
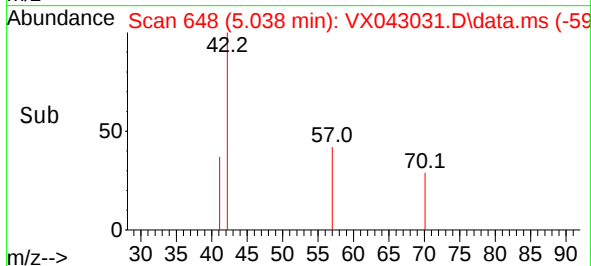
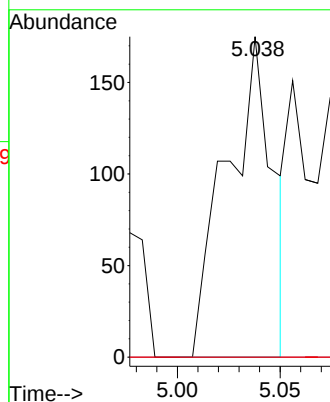
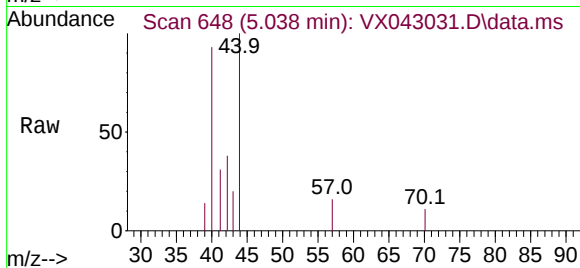
Tgt Ion: 42 Resp: 273

Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

71 0.0 32.2 48.2#



#33

1,2-Dichloroethane-d4

Concen: 46.589 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX043031.D

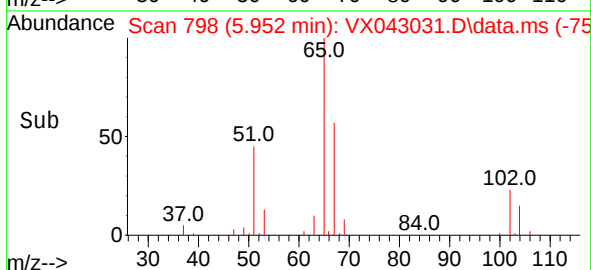
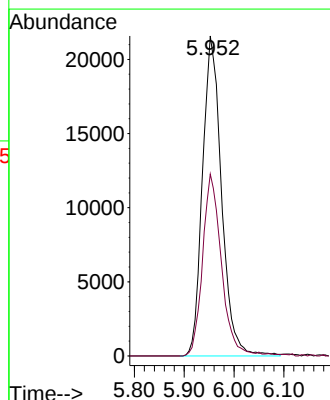
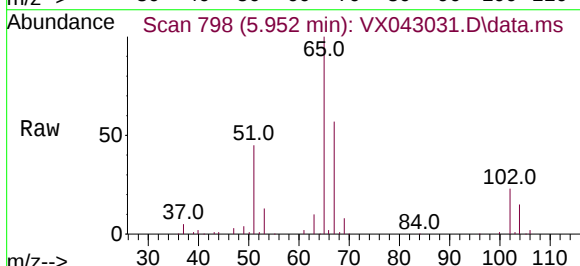
Acq: 14 Aug 2024 15:02

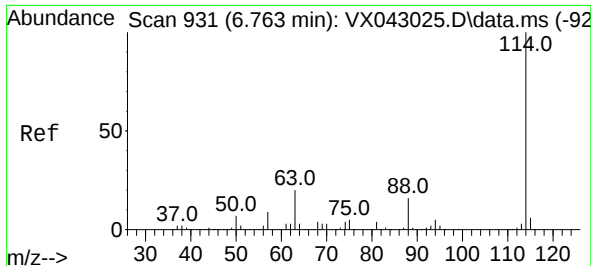
Tgt Ion: 65 Resp: 57269

Ion Ratio Lower Upper

65 100

67 56.2 0.0 100.2

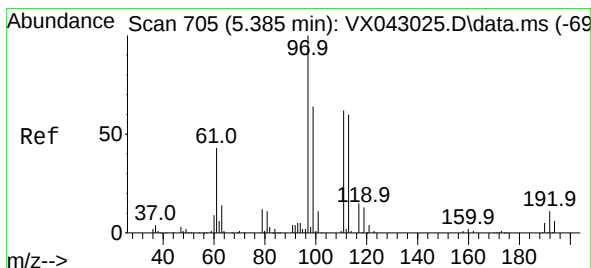
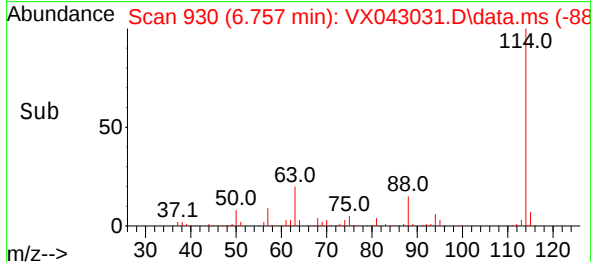
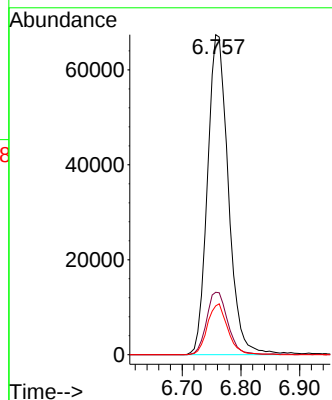
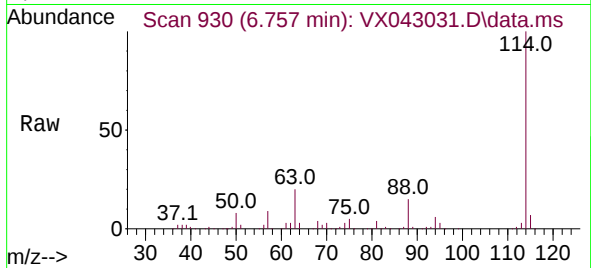




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX043031.D
Acq: 14 Aug 2024 15:02

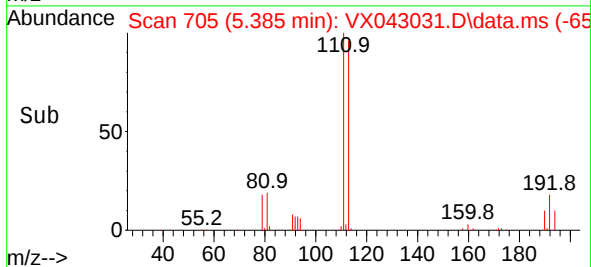
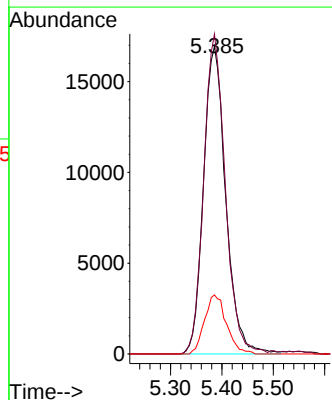
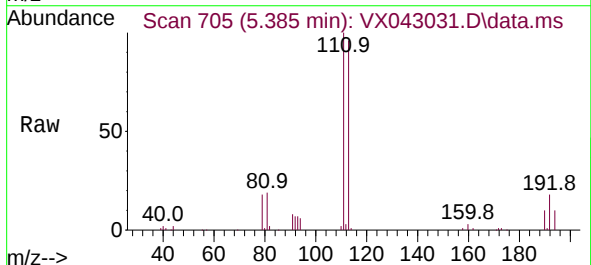
Instrument :
MSVOA_X
ClientSampleId :

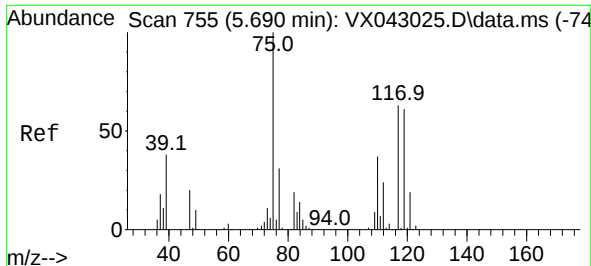
Tgt Ion:114 Resp: 165761
Ion Ratio Lower Upper
114 100
63 19.5 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.641 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043031.D
Acq: 14 Aug 2024 15:02

Tgt Ion:113 Resp: 50905
Ion Ratio Lower Upper
113 100
111 100.9 82.9 124.3
192 18.9 13.3 19.9





#36

1,1-Dichloropropene

Concen: 0.215 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

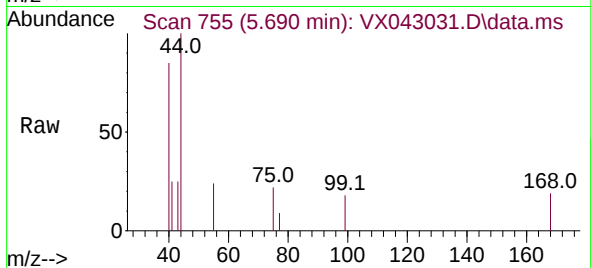
Lab File: VX043031.D

Acq: 14 Aug 2024 15:02

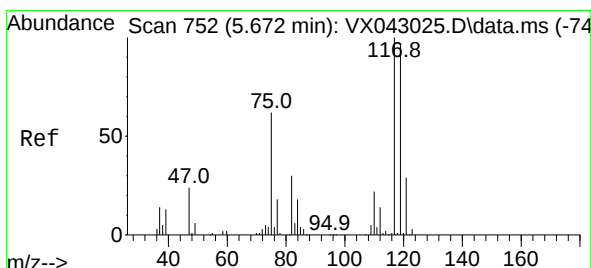
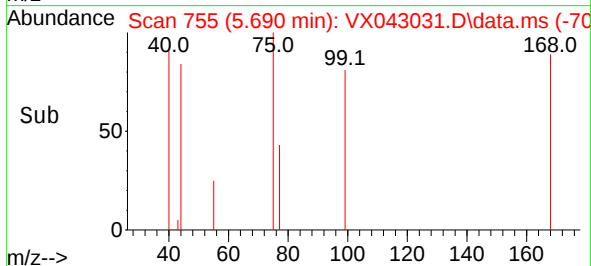
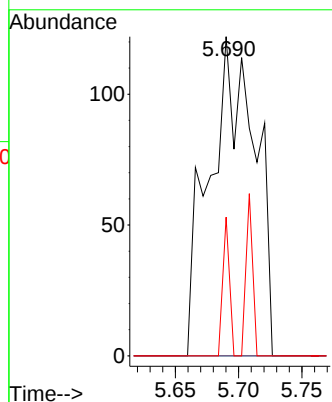
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 75	Resp: 306
Ion Ratio	Lower Upper
75	100
110	0.0 17.0 50.9#
77	6.2 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.367 ug/l

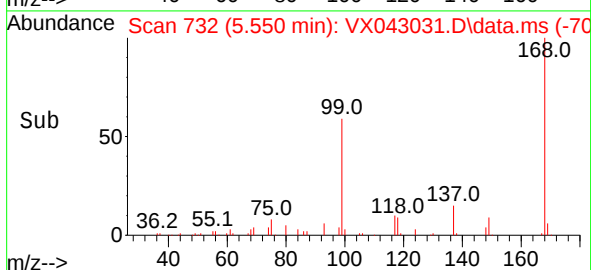
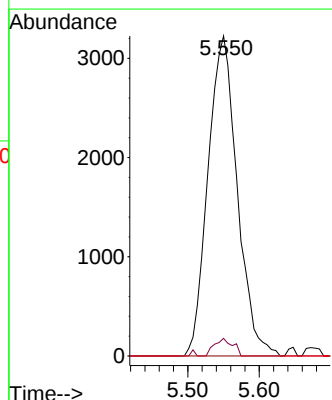
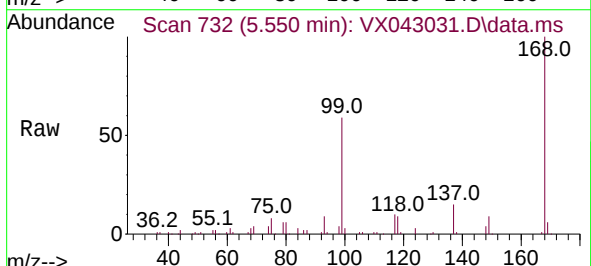
RT: 5.550 min Scan# 732

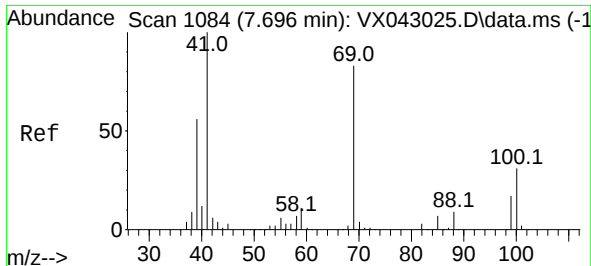
Delta R.T. -0.122 min

Lab File: VX043031.D

Acq: 14 Aug 2024 15:02

Tgt Ion: 117	Resp: 9172
Ion Ratio	Lower Upper
117	100
119	5.5 78.2 117.2#
121	0.0 24.4 36.6#





#48

Methyl methacrylate

Concen: 0.431 ug/l

RT: 7.665 min Scan# 1

Delta R.T. -0.030 min

Lab File: VX043031.D

Acq: 14 Aug 2024 15:02

Instrument :

MSVOA_X

ClientSampleId :

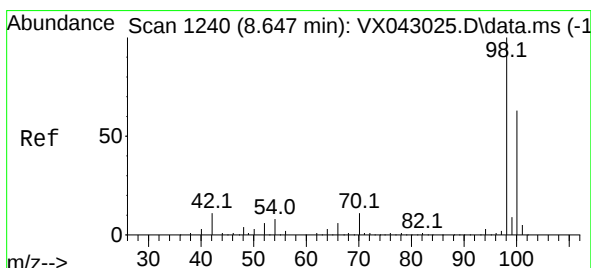
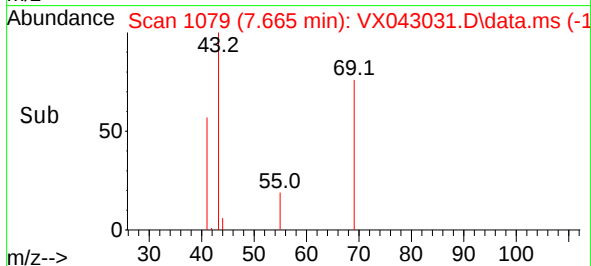
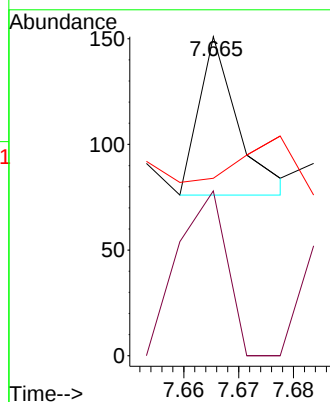
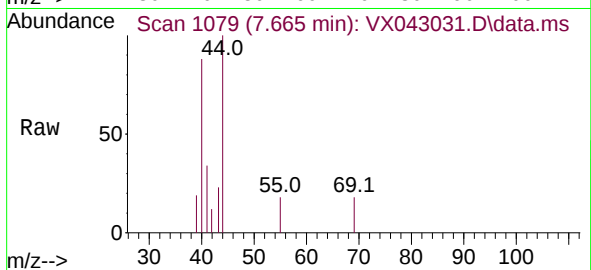
Tgt Ion: 41 Resp: 37

Ion Ratio Lower Upper

41 100

69 129.7 59.2 88.8#

39 0.0 47.7 71.5#



#50

Toluene-d8

Concen: 50.552 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX043031.D

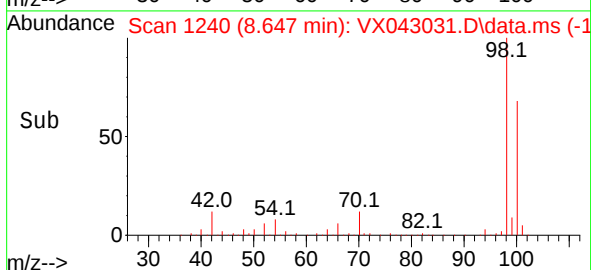
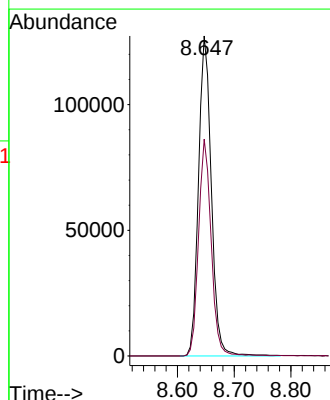
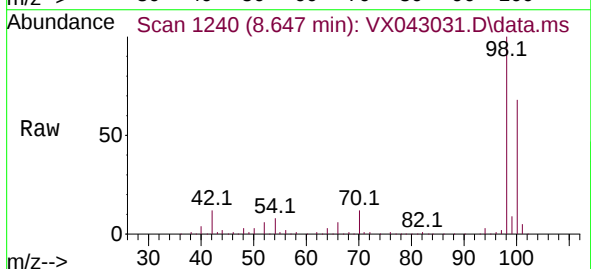
Acq: 14 Aug 2024 15:02

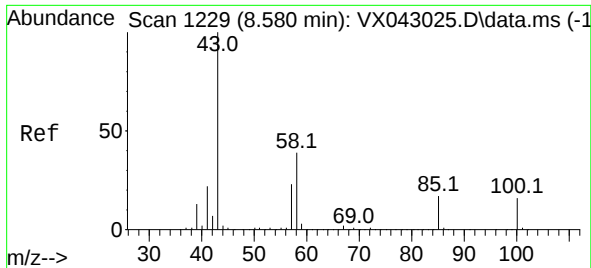
Tgt Ion: 98 Resp: 200111

Ion Ratio Lower Upper

98 100

100 66.7 53.1 79.7

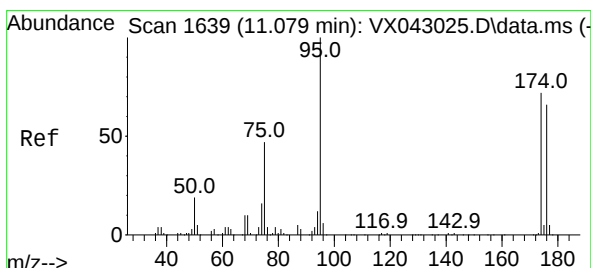
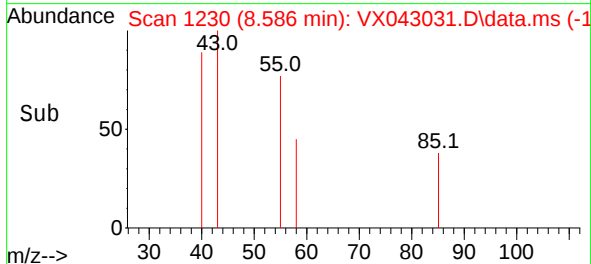
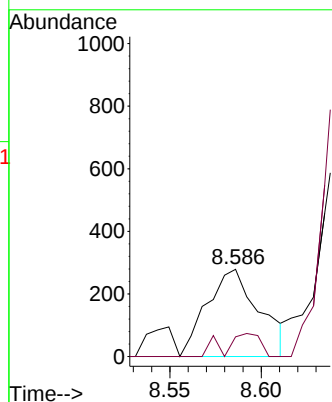
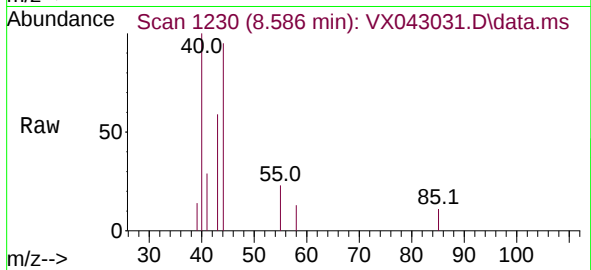




#51
4-Methyl-2-Pentanone
Concen: 0.270 ug/l
RT: 8.586 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043031.D
Acq: 14 Aug 2024 15:02

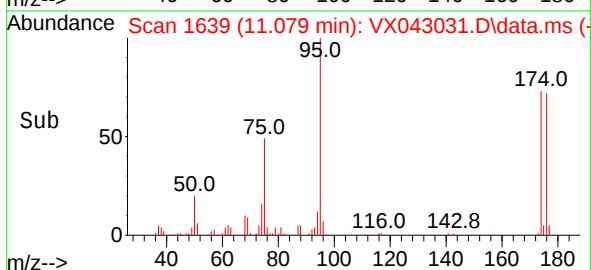
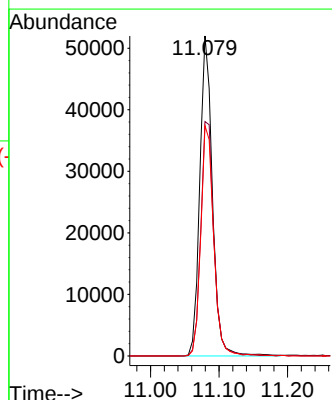
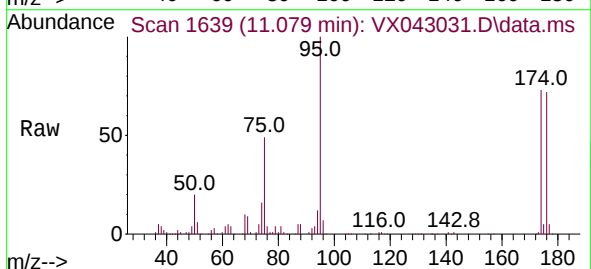
Instrument :
MSVOA_X
ClientSampleId :

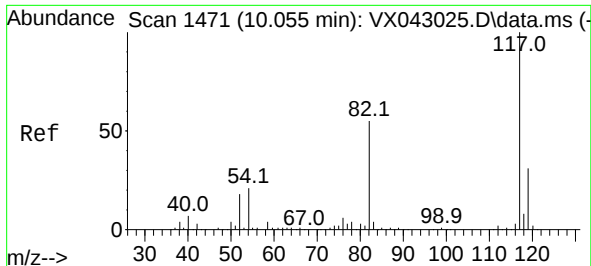
Tgt Ion: 43 Resp: 556
Ion Ratio Lower Upper
43 100
58 17.8 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 46.447 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043031.D
Acq: 14 Aug 2024 15:02

Tgt Ion: 95 Resp: 66668
Ion Ratio Lower Upper
95 100
174 76.1 0.0 135.6
176 73.7 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: VX043031.D

Acq: 14 Aug 2024 15:02

Instrument :

MSVOA_X

ClientSampleId :

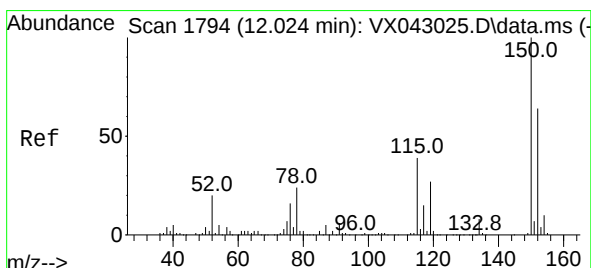
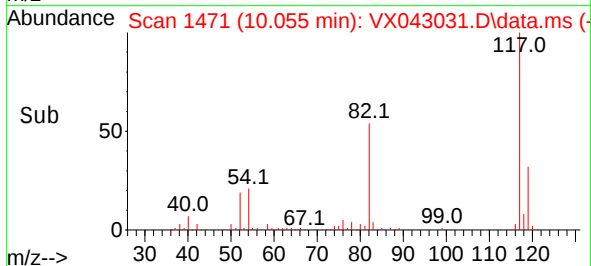
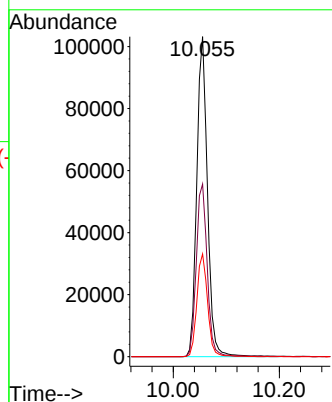
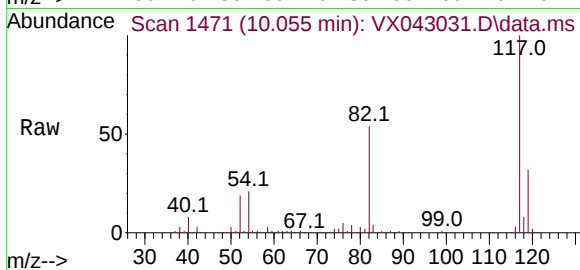
Tgt Ion:117 Resp: 144399

Ion Ratio Lower Upper

117 100

82 54.0 46.2 69.4

119 32.1 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX043031.D

Acq: 14 Aug 2024 15:02

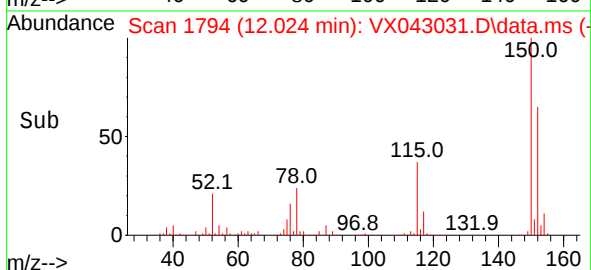
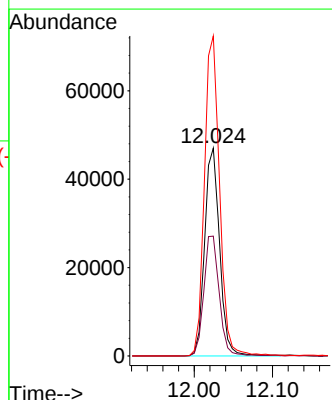
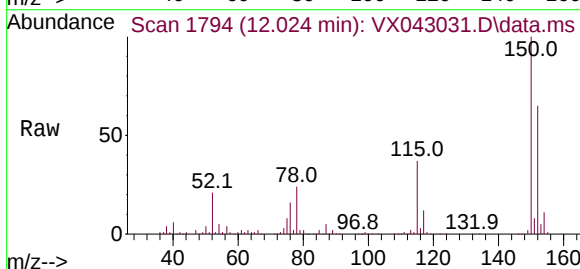
Tgt Ion:152 Resp: 62362

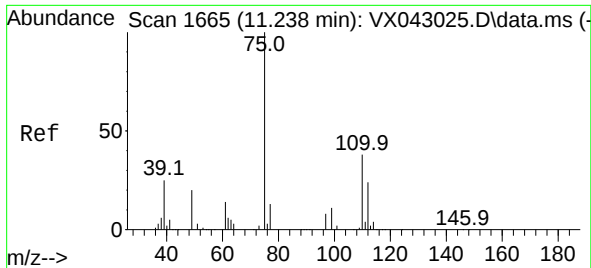
Ion Ratio Lower Upper

152 100

115 59.2 43.3 129.9

150 155.9 0.0 345.0

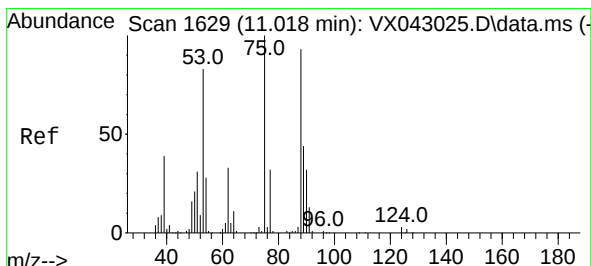
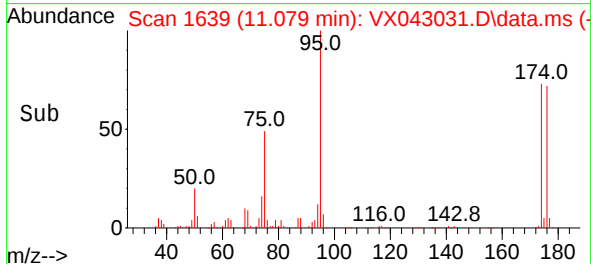
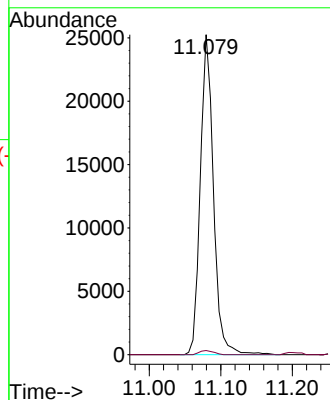
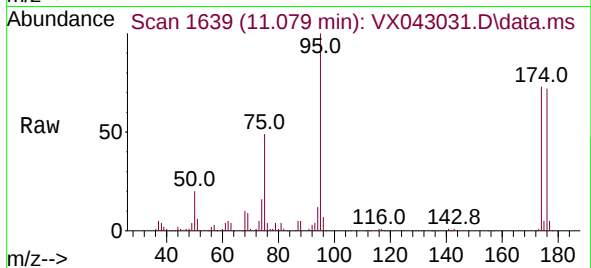




#76
1,2,3-Trichloropropane
Concen: 22.561 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX043031.D
Acq: 14 Aug 2024 15:02

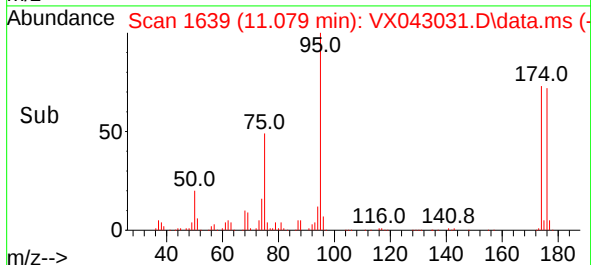
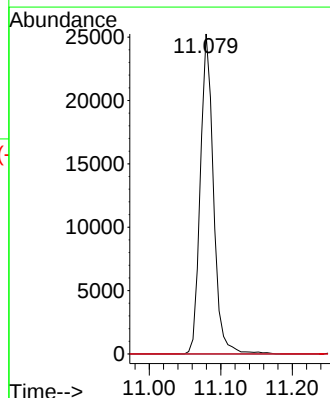
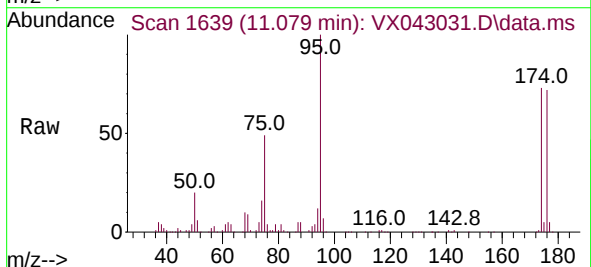
Instrument :
MSVOA_X
ClientSampleId :

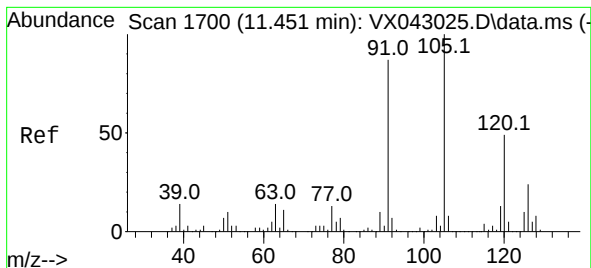
Tgt Ion: 75 Resp: 32245
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 49.211 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043031.D
Acq: 14 Aug 2024 15:02

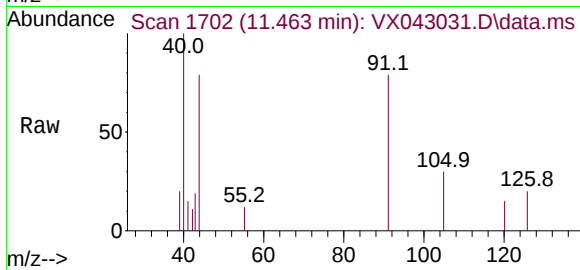
Tgt Ion: 75 Resp: 32245
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



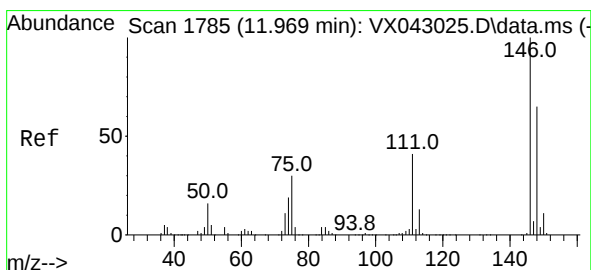
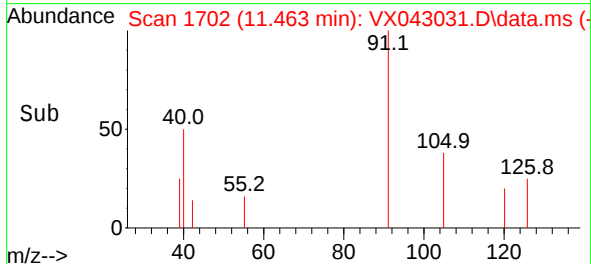
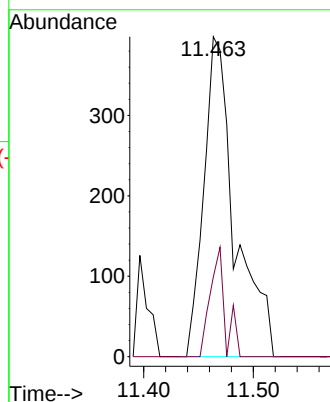


#82
4-Chlorotoluene
Concen: 0.209 ug/l
RT: 11.463 min Scan# 1702
Delta R.T. 0.012 min
Lab File: VX043031.D
Acq: 14 Aug 2024 15:02

Instrument :
MSVOA_X
ClientSampleId :

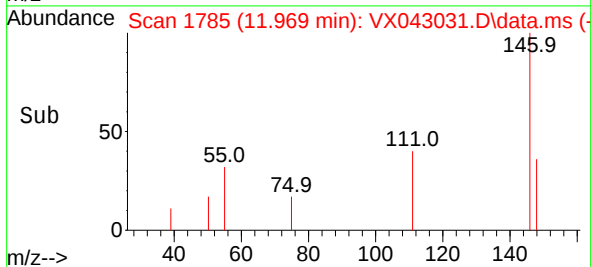
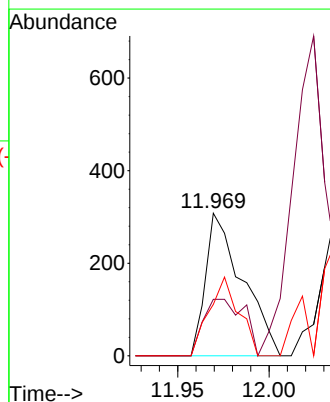
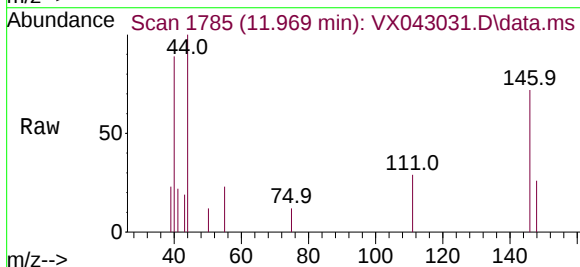


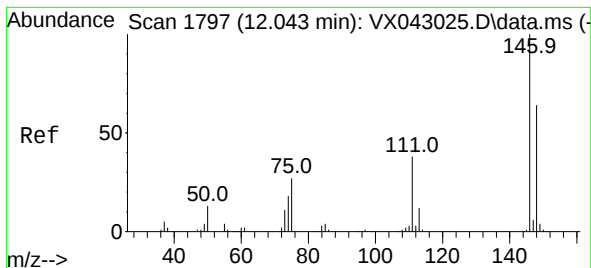
Tgt Ion: 91 Resp: 785
Ion Ratio Lower Upper
91 100
126 16.4 14.2 42.6



#87
1,3-Dichlorobenzene
Concen: 0.210 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX043031.D
Acq: 14 Aug 2024 15:02

Tgt Ion:146 Resp: 432
Ion Ratio Lower Upper
146 100
111 43.5 22.1 66.1
148 44.7 31.8 95.3





#88

1,4-Dichlorobenzene

Concen: 0.205 ug/l

RT: 11.969 min Scan# 1

Delta R.T. -0.073 min

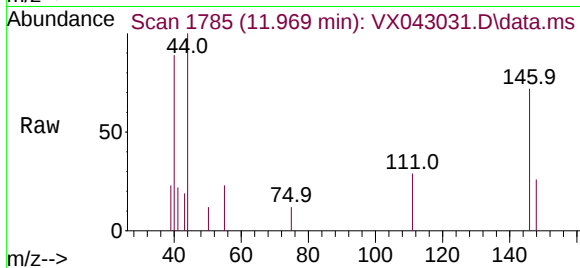
Lab File: VX043031.D

Acq: 14 Aug 2024 15:02

Instrument :

MSVOA_X

ClientSampleId :



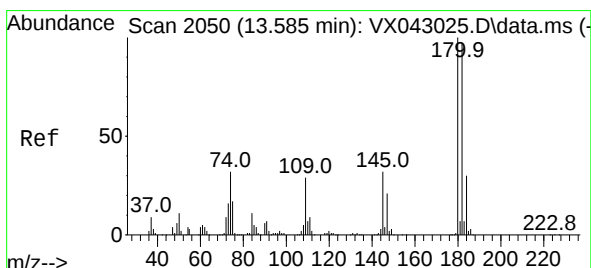
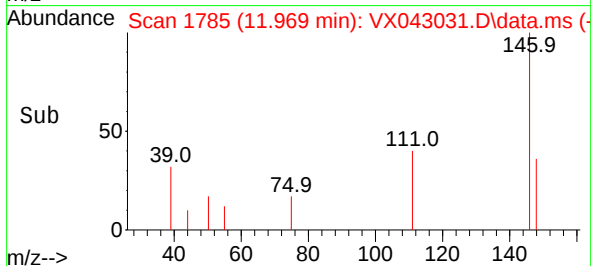
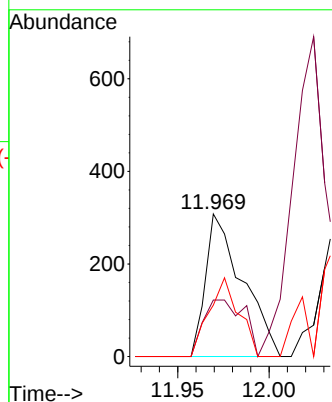
Tgt Ion:146 Resp: 432

Ion Ratio Lower Upper

146 100

111 43.5 21.3 63.7

148 44.7 31.8 95.4



#93

1,2,4-Trichlorobenzene

Concen: 0.296 ug/l

RT: 13.597 min Scan# 2052

Delta R.T. 0.012 min

Lab File: VX043031.D

Acq: 14 Aug 2024 15:02

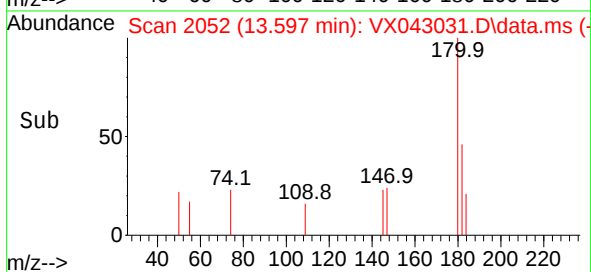
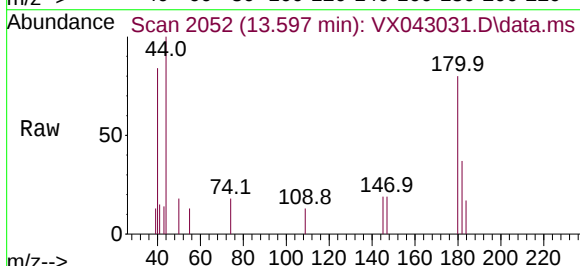
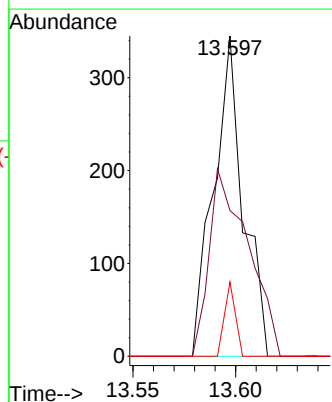
Tgt Ion:180 Resp: 345

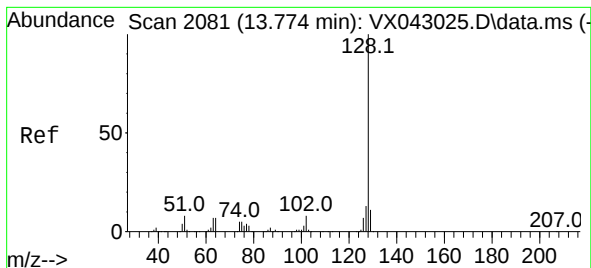
Ion Ratio Lower Upper

180 100

182 77.1 48.3 144.8

145 8.4 18.0 54.0#





#95

Naphthalene

Concen: 0.429 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX043031.D

Acq: 14 Aug 2024 15:02

Instrument :

MSVOA_X

ClientSampleId :

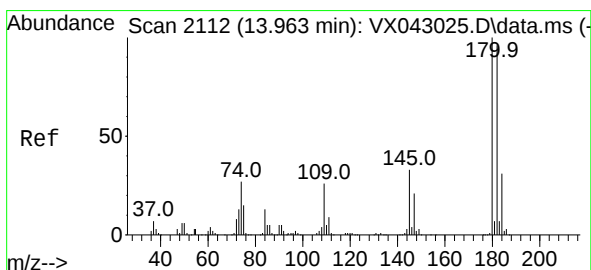
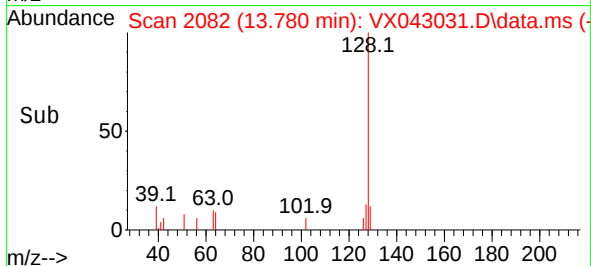
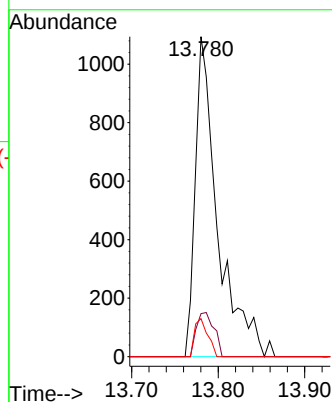
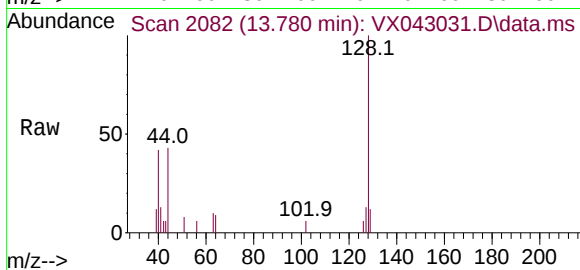
Tgt Ion:128 Resp: 1978

Ion Ratio Lower Upper

128 100

127 10.8 10.3 15.5

129 7.0 8.8 13.2#



#96

1,2,3-Trichlorobenzene

Concen: 0.269 ug/l

RT: 13.969 min Scan# 2113

Delta R.T. 0.006 min

Lab File: VX043031.D

Acq: 14 Aug 2024 15:02

Tgt Ion:180 Resp: 321

Ion Ratio Lower Upper

180 100

182 86.3 46.9 140.6

145 11.8 17.8 53.5#

