

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
 Data File : VX044025.D
 Acq On : 27 Nov 2024 09:15
 Operator : JC/MD
 Sample : VX1127MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 28 00:39:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

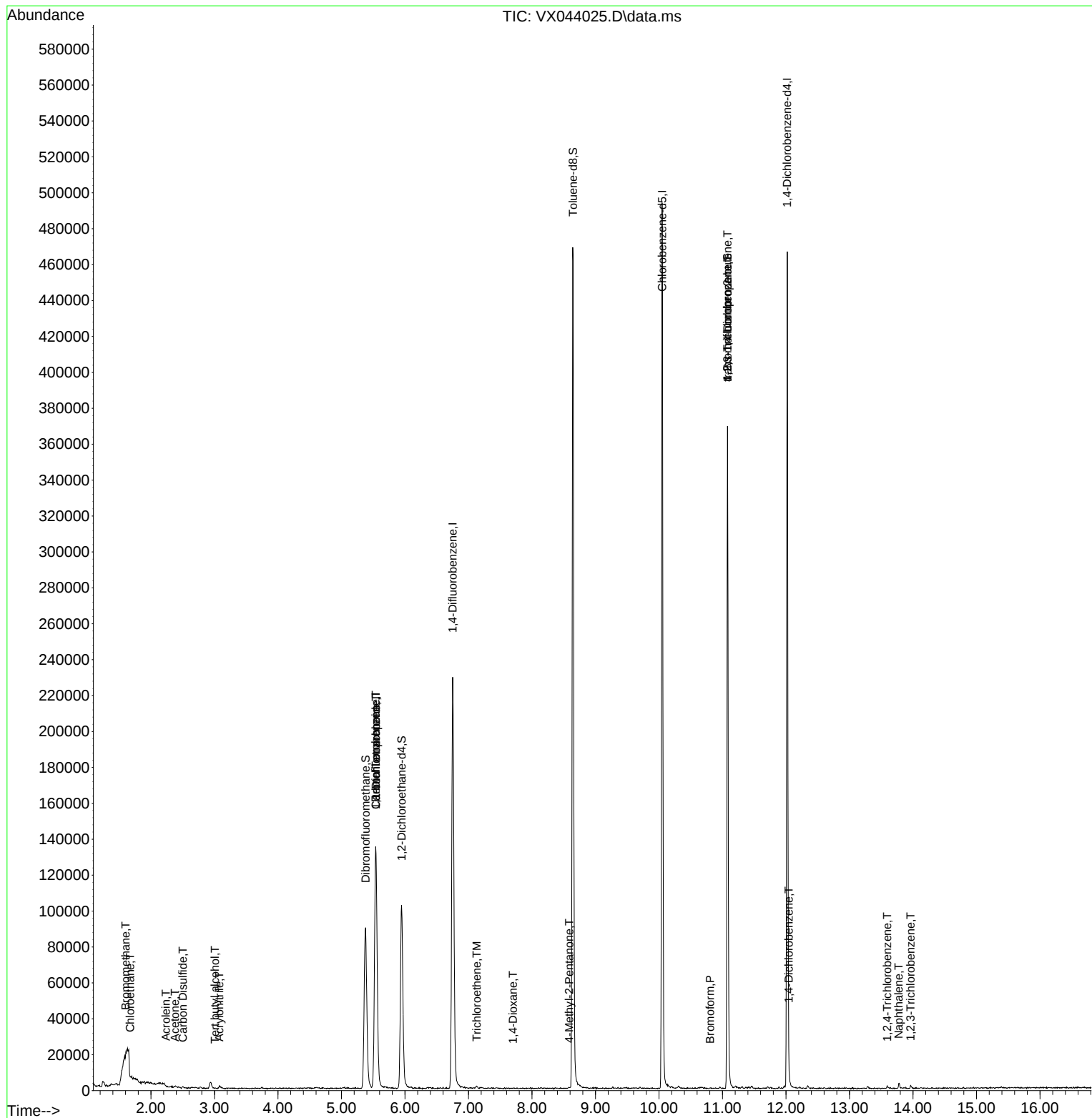
Internal Standards						
1) Pentafluorobenzene	5.538	168	119396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	228047	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	207542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	87354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	100927	49.284	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.560%
35) Dibromofluoromethane	5.379	113	76981	47.242	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.480%
50) Toluene-d8	8.647	98	280743	49.980	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.960%
62) 4-Bromofluorobenzene	11.079	95	94181	49.267	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.540%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	617	0.592	ug/l #	69
6) Chloroethane	1.673	64	229	0.222	ug/l #	49
11) Tert butyl alcohol	3.008	59	67	0.204	ug/l #	73
13) Acrolein	2.233	56	263	0.759	ug/l #	65
15) Acrylonitrile	3.075	53	443	0.553	ug/l	87
16) Acetone	2.380	43	997	1.060	ug/l #	85
17) Carbon Disulfide	2.502	76	935	0.329	ug/l #	82
36) 1,1-Dichloropropene	5.544	75	10984	5.409	ug/l #	49
38) Carbon Tetrachloride	5.544	117	14171	6.211	ug/l #	17
44) Trichloroethene	7.129	130	662	0.370	ug/l	84
49) 1,4-Dioxane	7.702	88	47	1.371	ug/l #	30
51) 4-Methyl-2-Pentanone	8.586	43	595	0.243	ug/l #	69
71) Bromoform	10.805	173	116	1.311	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	54302	28.346	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	54302	77.350	ug/l #	7
88) 1,4-Dichlorobenzene	12.043	146	744	0.250	ug/l #	41
93) 1,2,4-Trichlorobenzene	13.591	180	404	0.233	ug/l #	91
95) Naphthalene	13.774	128	2994	0.479	ug/l #	90
96) 1,2,3-Trichlorobenzene	13.963	180	475	0.270	ug/l #	63

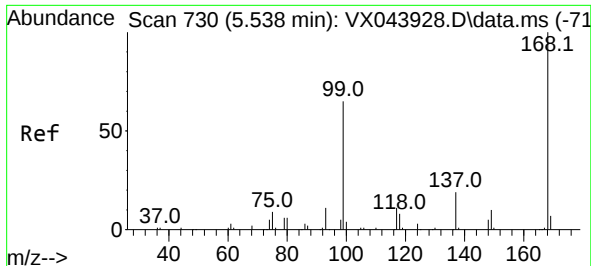
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Nov 28 00:39:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



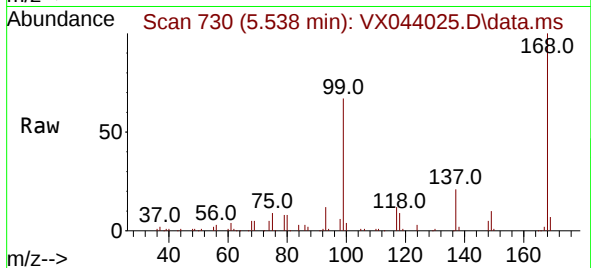


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044025.D
Acq: 27 Nov 2024 09:15

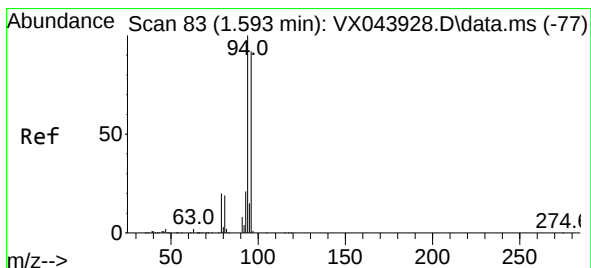
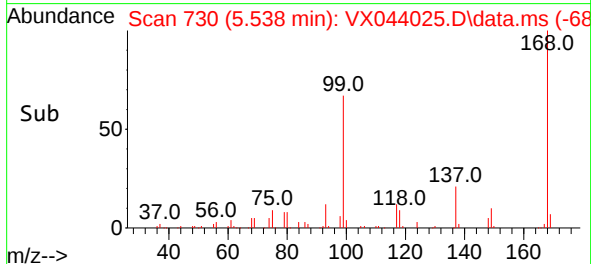
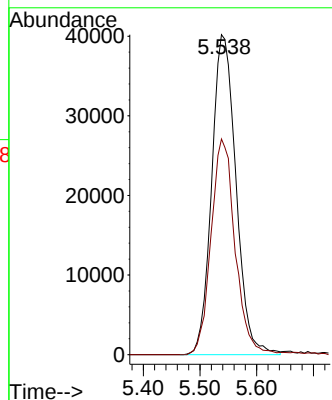
Instrument :

MSVOA_X

ClientSampleId :

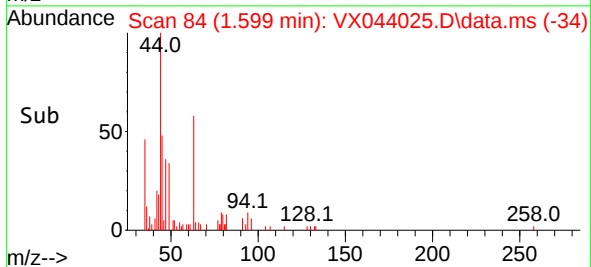
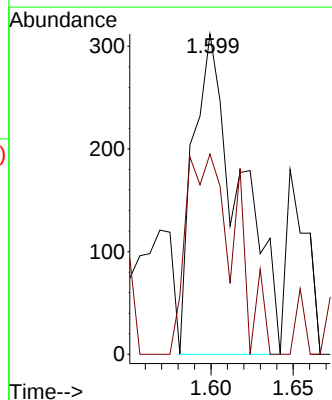
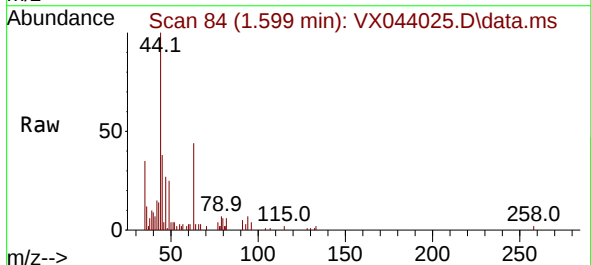


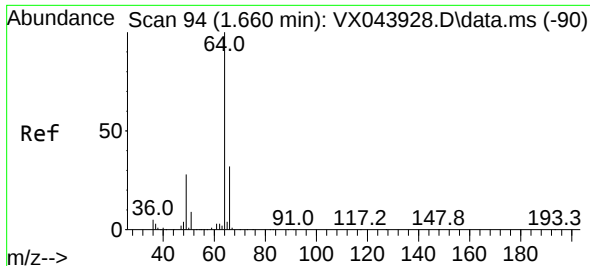
Tgt Ion:168 Resp: 119396
Ion Ratio Lower Upper
168 100
99 67.4 51.8 77.8



#5
Bromomethane
Concen: 0.592 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044025.D
Acq: 27 Nov 2024 09:15

Tgt Ion: 94 Resp: 617
Ion Ratio Lower Upper
94 100
96 62.5 73.9 110.9#

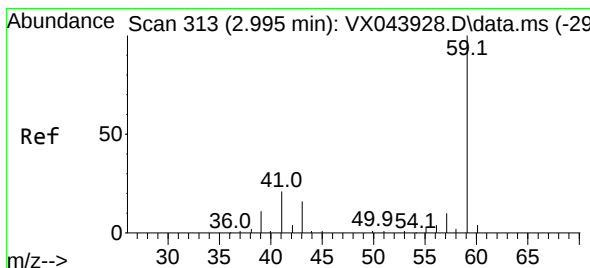
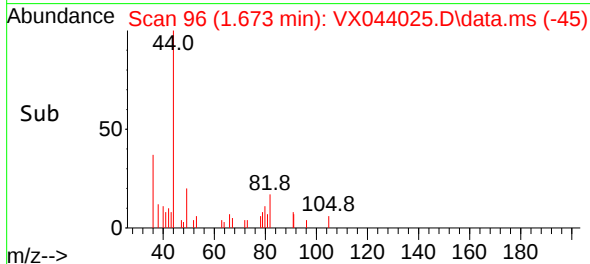
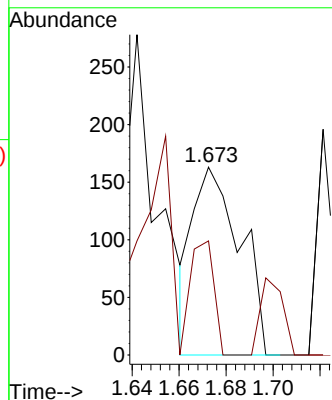
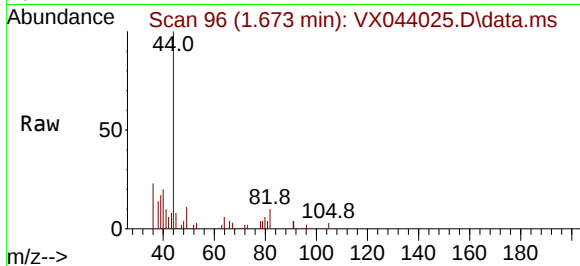




#6
Chloroethane
Concen: 0.222 ug/l
RT: 1.673 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX044025.D
Acq: 27 Nov 2024 09:15

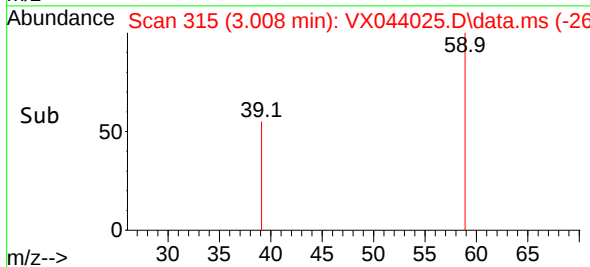
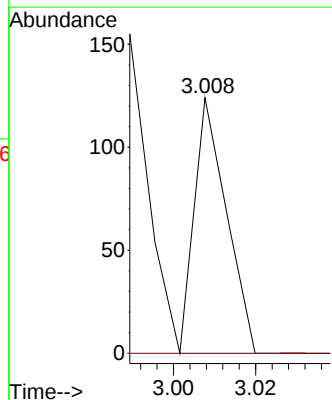
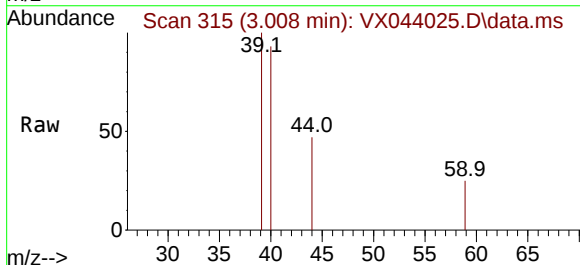
Instrument :
MSVOA_X
ClientSampleId :

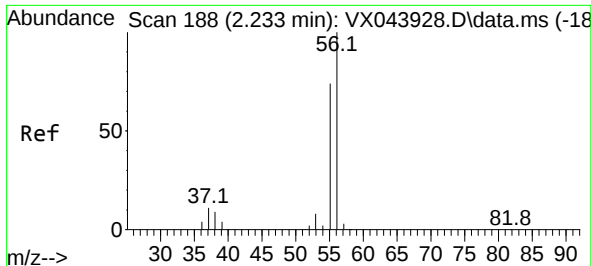
Tgt Ion: 64 Resp: 229
Ion Ratio Lower Upper
64 100
66 60.7 25.9 38.9#



#11
Tert butyl alcohol
Concen: 0.204 ug/l
RT: 3.008 min Scan# 315
Delta R.T. 0.012 min
Lab File: VX044025.D
Acq: 27 Nov 2024 09:15

Tgt Ion: 59 Resp: 67
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#





#13

Acrolein

Concen: 0.759 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX044025.D

Acq: 27 Nov 2024 09:15

Instrument :

MSVOA_X

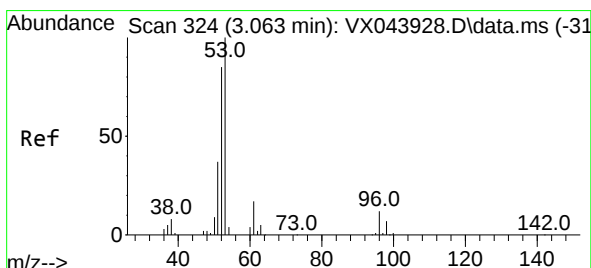
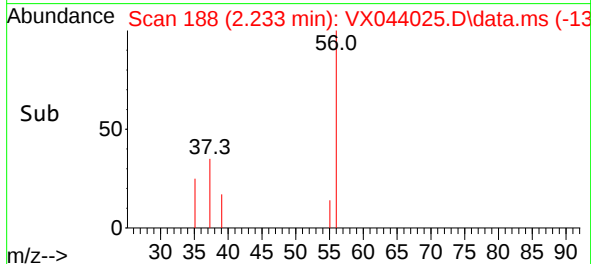
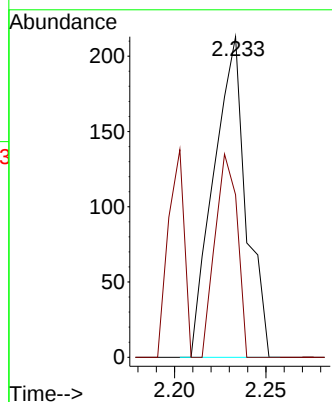
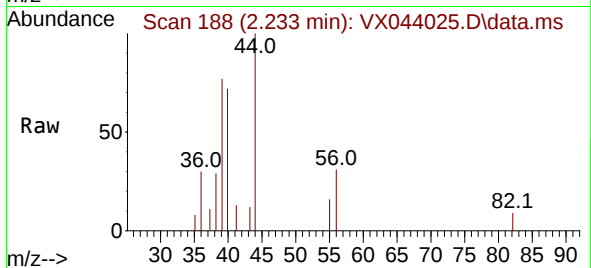
ClientSampleId :

Tgt Ion: 56 Resp: 263

Ion Ratio Lower Upper

56 100

55 43.3 58.2 87.2#



#15

Acrylonitrile

Concen: 0.553 ug/l

RT: 3.075 min Scan# 326

Delta R.T. 0.012 min

Lab File: VX044025.D

Acq: 27 Nov 2024 09:15

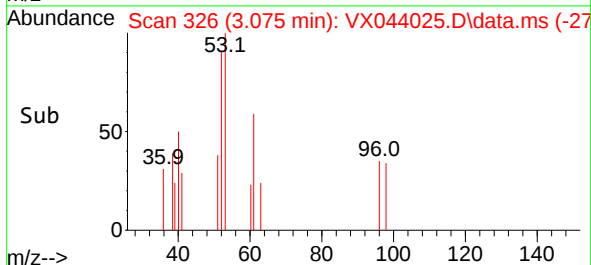
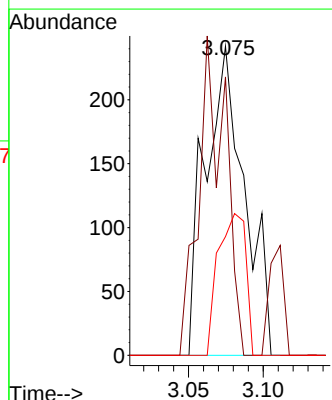
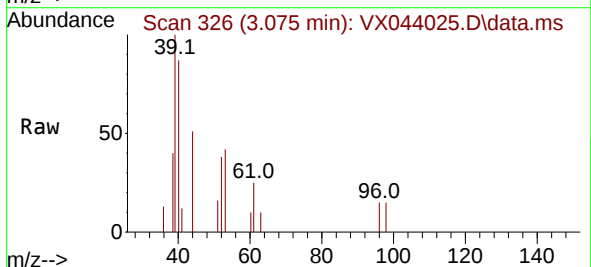
Tgt Ion: 53 Resp: 443

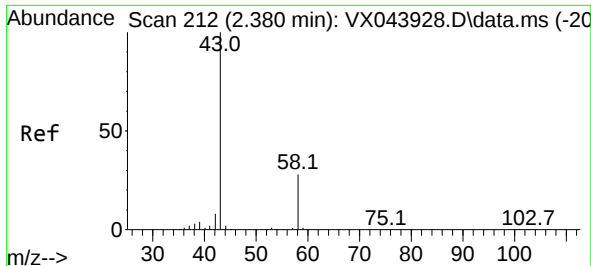
Ion Ratio Lower Upper

53 100

52 69.5 66.5 99.7

51 32.1 30.2 45.4

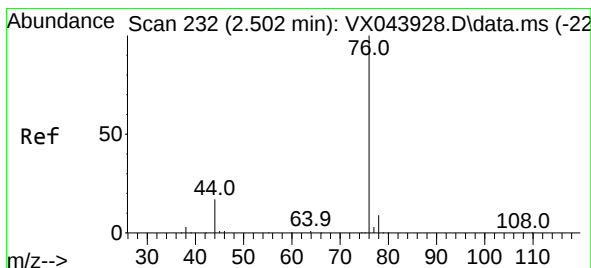
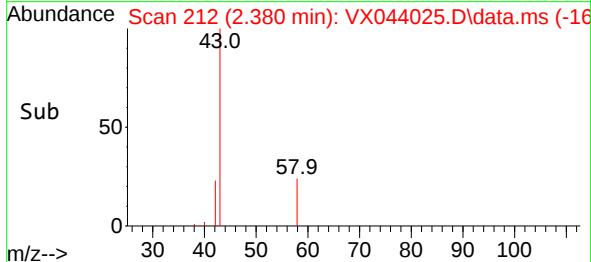
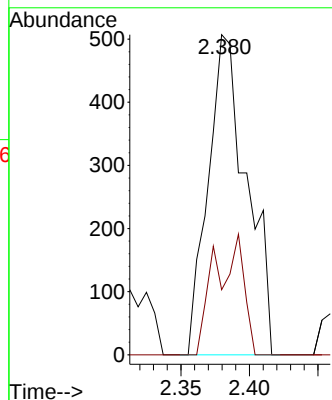
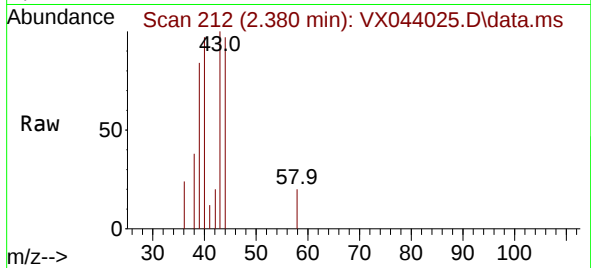




#16
Acetone
Concen: 1.060 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX044025.D
Acq: 27 Nov 2024 09:15

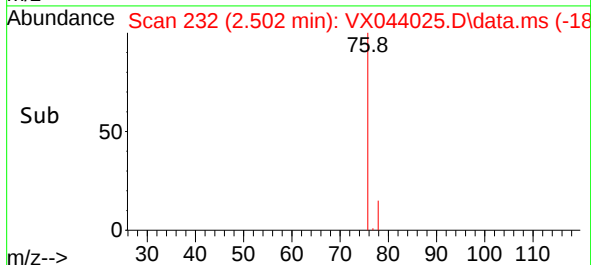
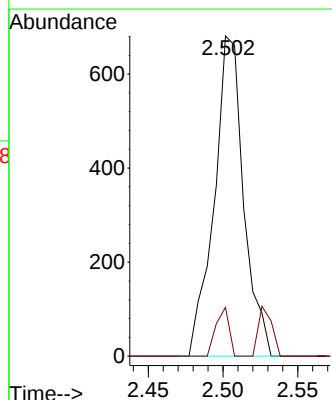
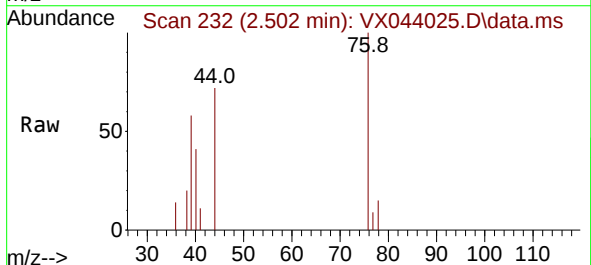
Instrument :
MSVOA_X
ClientSampleId :

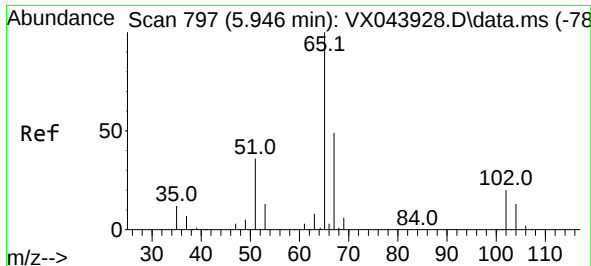
Tgt Ion: 43 Resp: 997
Ion Ratio Lower Upper
43 100
58 20.3 22.7 34.1#



#17
Carbon Disulfide
Concen: 0.329 ug/l
RT: 2.502 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX044025.D
Acq: 27 Nov 2024 09:15

Tgt Ion: 76 Resp: 935
Ion Ratio Lower Upper
76 100
78 15.3 7.0 10.6#

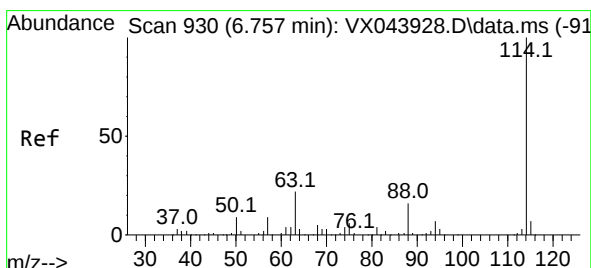
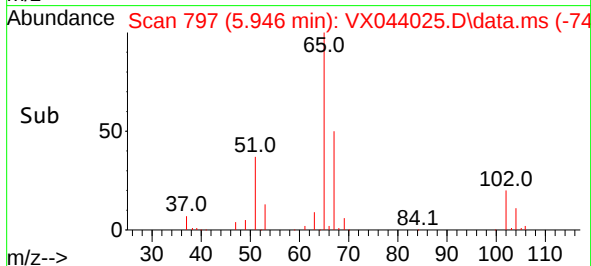
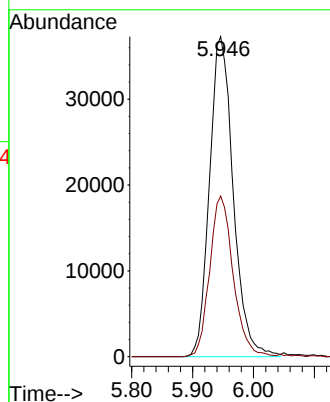
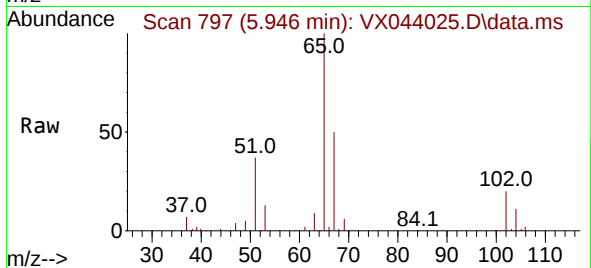




#33
 1,2-Dichloroethane-d4
 Concen: 49.284 ug/l
 RT: 5.946 min Scan# 797
 Delta R.T. -0.000 min
 Lab File: VX044025.D
 Acq: 27 Nov 2024 09:15

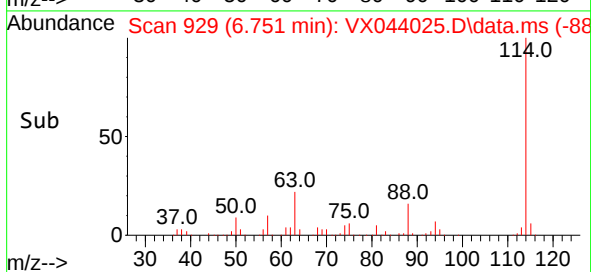
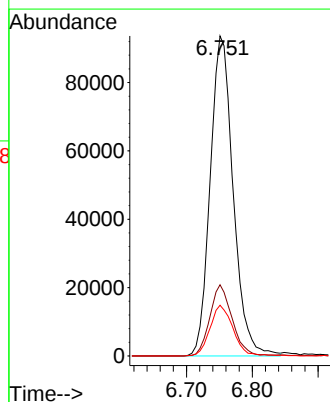
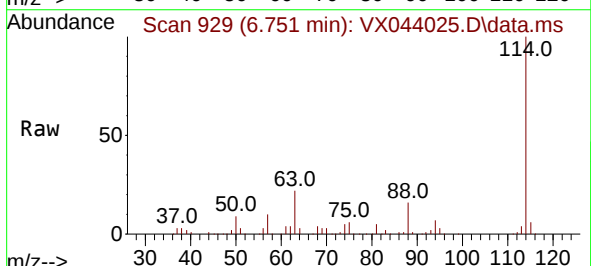
Instrument :
 MSVOA_X
 ClientSampleId :

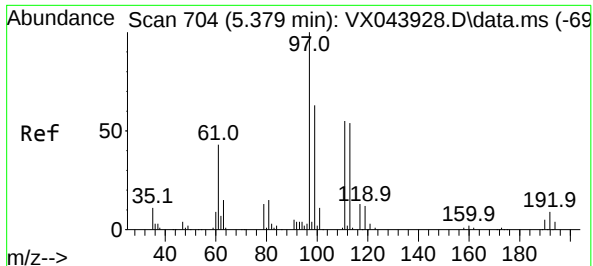
Tgt Ion: 65 Resp: 100927
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. -0.006 min
 Lab File: VX044025.D
 Acq: 27 Nov 2024 09:15

Tgt Ion: 114 Resp: 228047
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 44.0
 88 15.8 0.0 32.4

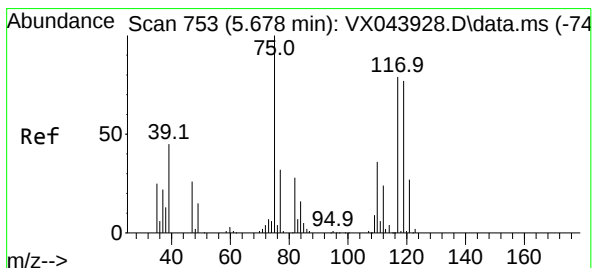
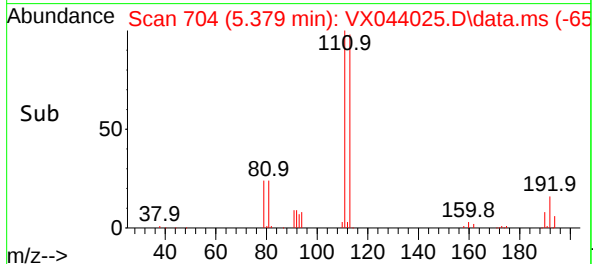
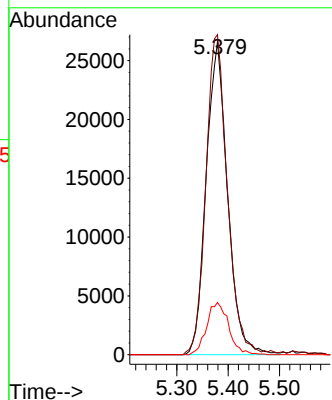
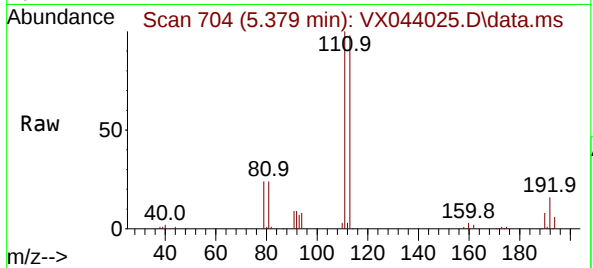




#35
Dibromofluoromethane
Concen: 47.242 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044025.D
Acq: 27 Nov 2024 09:15

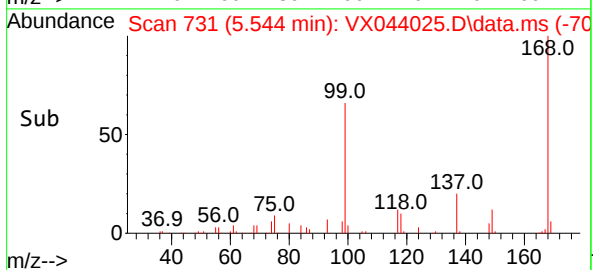
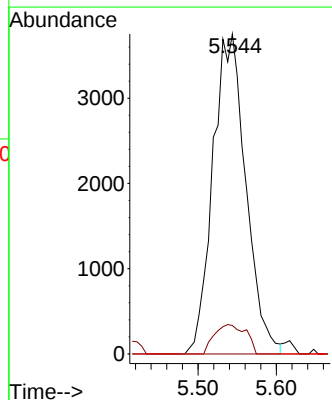
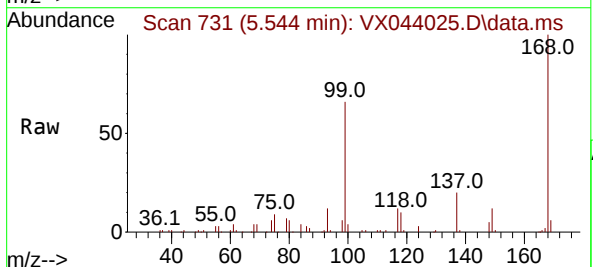
Instrument :
MSVOA_X
ClientSampleId :

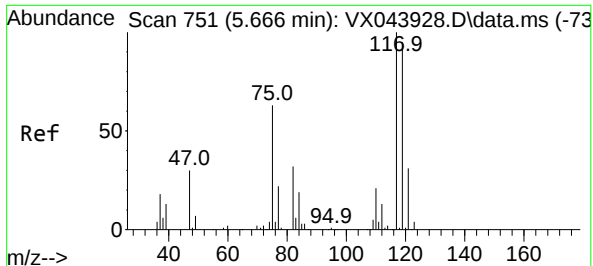
Tgt Ion:113 Resp: 76981
Ion Ratio Lower Upper
113 100
111 102.0 81.0 121.4
192 17.1 13.0 19.6



#36
1,1-Dichloropropene
Concen: 5.409 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX044025.D
Acq: 27 Nov 2024 09:15

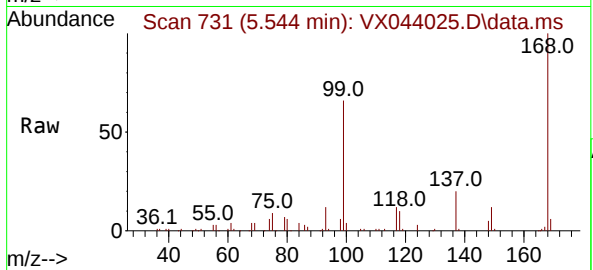
Tgt Ion: 75 Resp: 10984
Ion Ratio Lower Upper
75 100
110 8.7 17.4 52.2#
77 0.0 25.8 38.8#



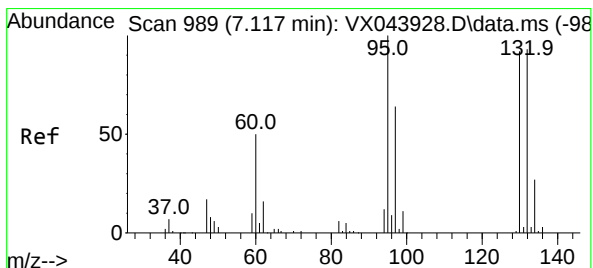
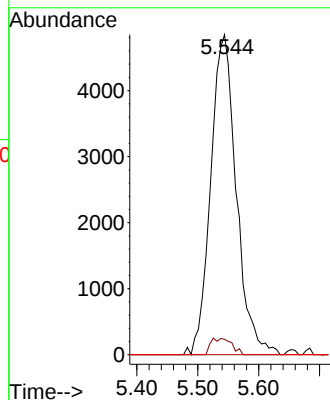
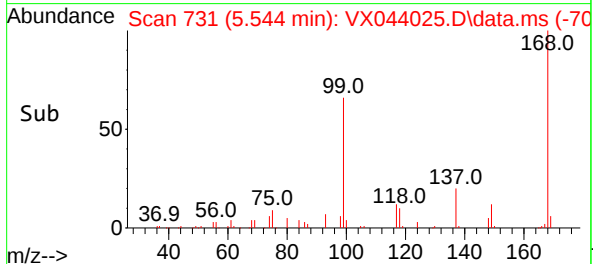


#38
Carbon Tetrachloride
Concen: 6.211 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX044025.D
Acq: 27 Nov 2024 09:15

Instrument :
MSVOA_X
ClientSampleId :

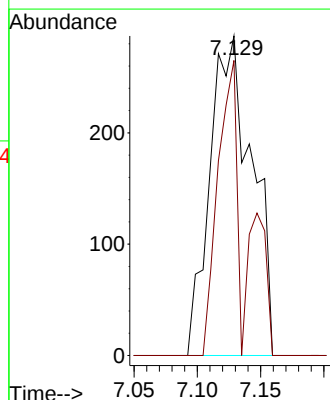
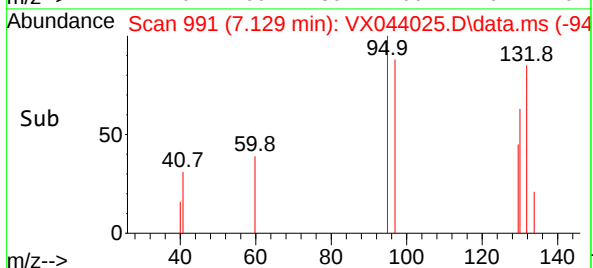
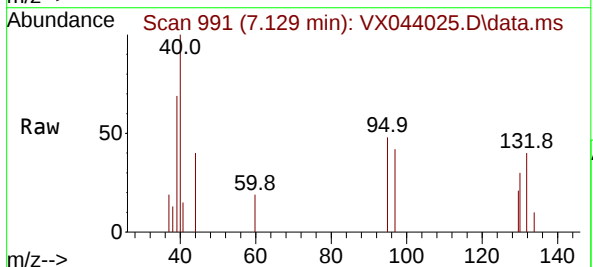


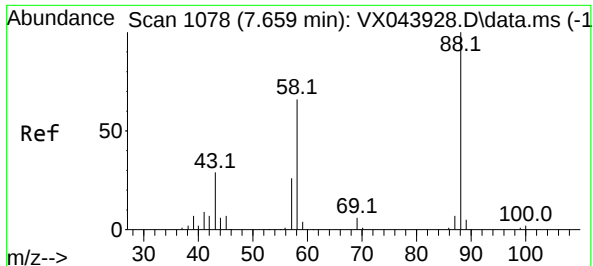
Tgt Ion:117 Resp: 14171
Ion Ratio Lower Upper
117 100
119 4.8 75.2 112.8#
121 0.0 24.5 36.7#



#44
Trichloroethene
Concen: 0.370 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX044025.D
Acq: 27 Nov 2024 09:15

Tgt Ion:130 Resp: 662
Ion Ratio Lower Upper
130 100
95 92.3 0.0 217.8





#49

1,4-Dioxane

Concen: 1.371 ug/l

RT: 7.702 min Scan# 1

Delta R.T. 0.043 min

Lab File: VX044025.D

Acq: 27 Nov 2024 09:15

Instrument :

MSVOA_X

ClientSampleId :

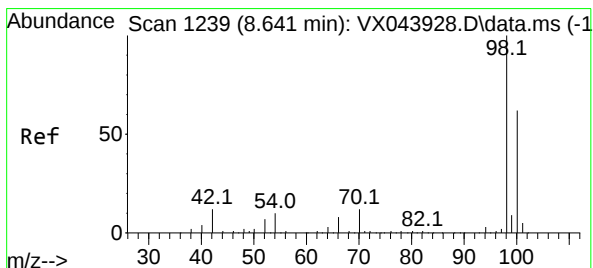
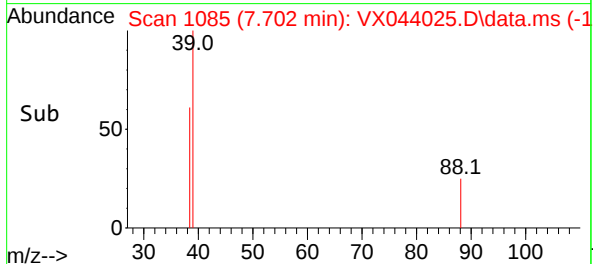
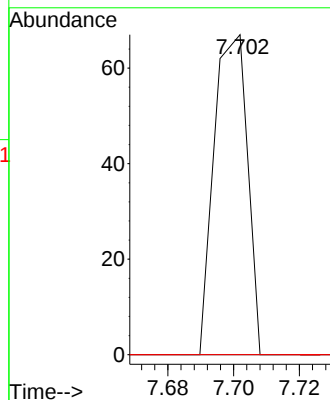
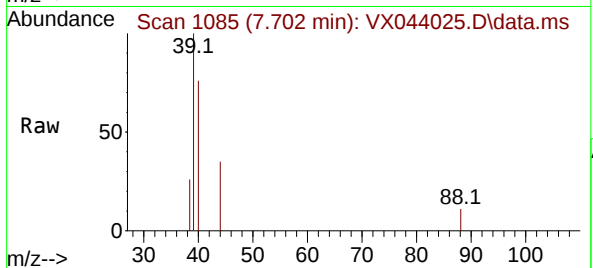
Tgt Ion: 88 Resp: 47

Ion Ratio Lower Upper

88 100

43 0.0 26.8 40.2#

58 0.0 45.4 68.2#



#50

Toluene-d8

Concen: 49.980 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044025.D

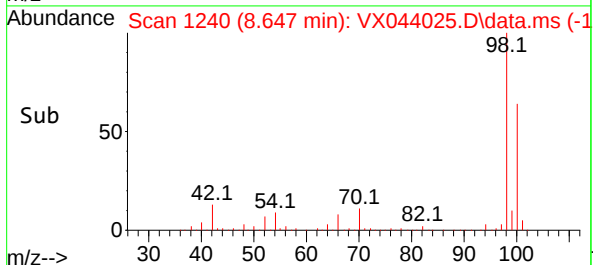
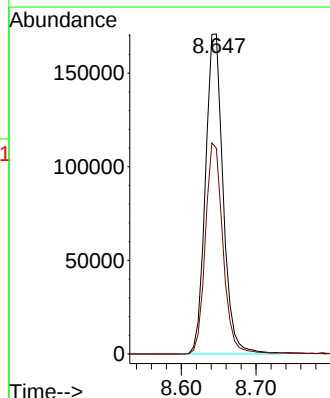
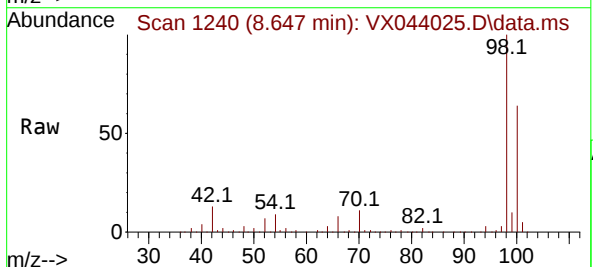
Acq: 27 Nov 2024 09:15

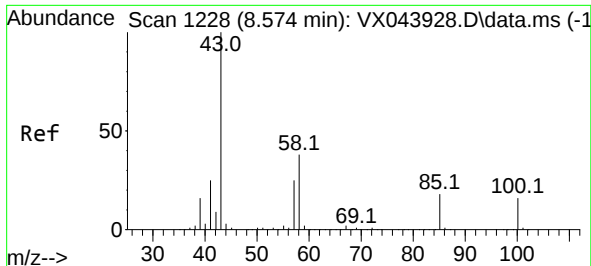
Tgt Ion: 98 Resp: 280743

Ion Ratio Lower Upper

98 100

100 65.5 52.6 79.0





#51

4-Methyl-2-Pentanone

Concen: 0.243 ug/l

RT: 8.586 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX044025.D

Acq: 27 Nov 2024 09:15

Instrument :

MSVOA_X

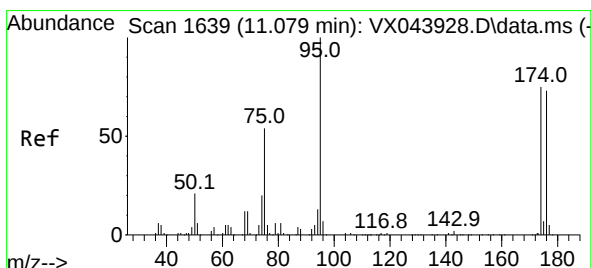
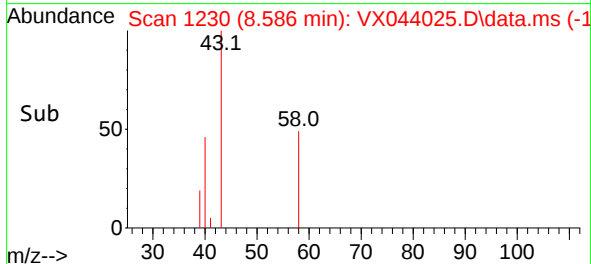
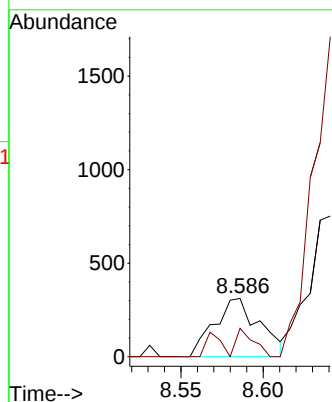
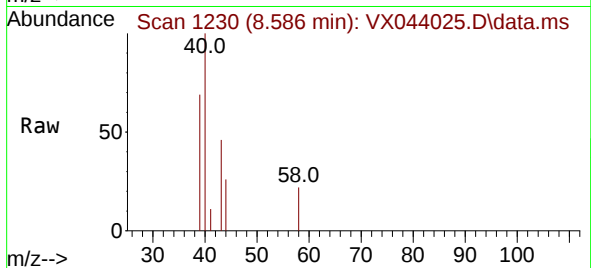
ClientSampleId :

Tgt Ion: 43 Resp: 595

Ion Ratio Lower Upper

43 100

58 19.0 30.0 45.0#



#62

4-Bromofluorobenzene

Concen: 49.267 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044025.D

Acq: 27 Nov 2024 09:15

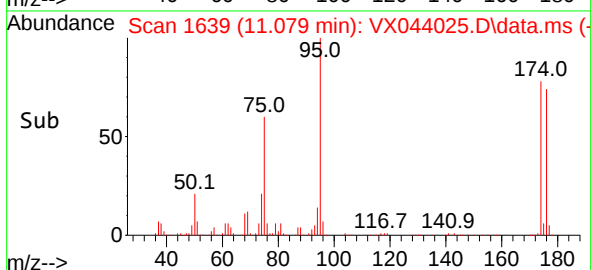
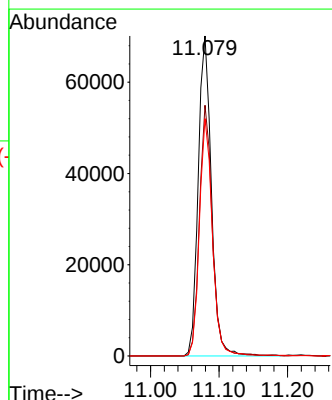
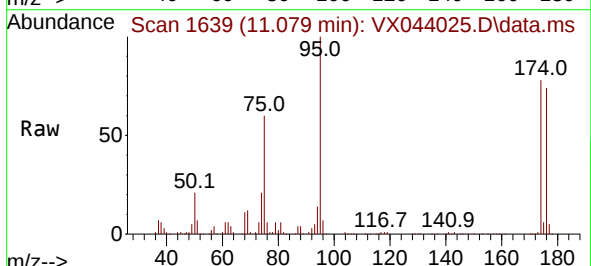
Tgt Ion: 95 Resp: 94181

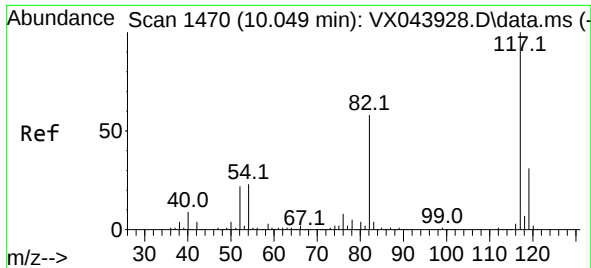
Ion Ratio Lower Upper

95 100

174 76.7 0.0 150.4

176 73.2 0.0 146.0

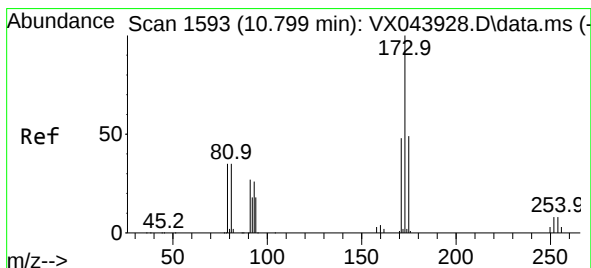
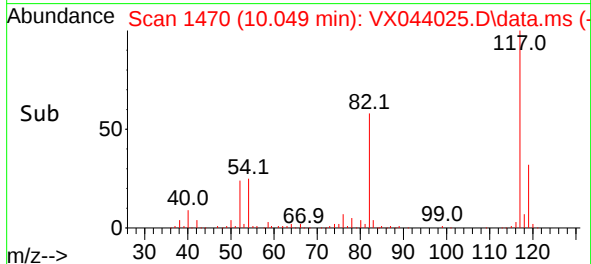
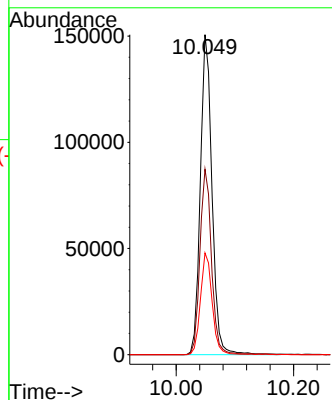
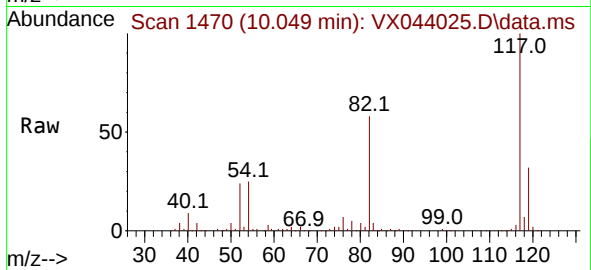




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044025.D
Acq: 27 Nov 2024 09:15

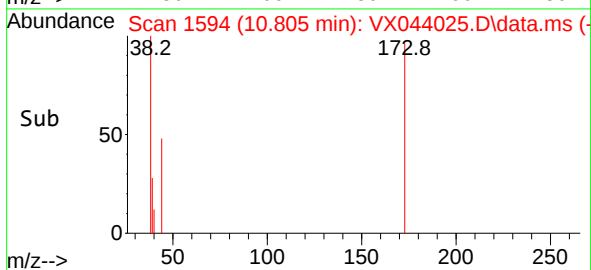
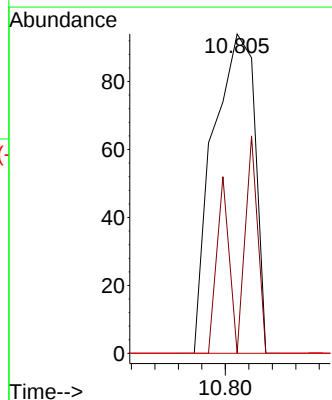
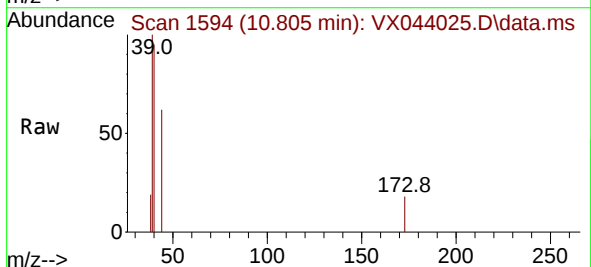
Instrument :
MSVOA_X
ClientSampleId :

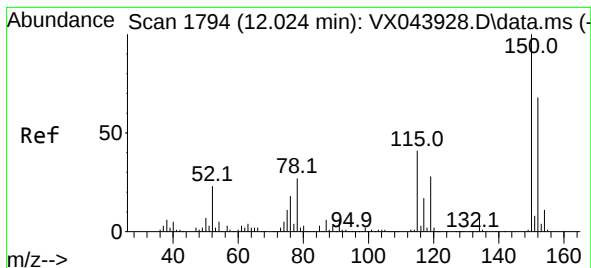
Tgt Ion:117 Resp: 207542
Ion Ratio Lower Upper
117 100
82 57.9 46.4 69.6
119 31.8 24.6 37.0



#71
Bromoform
Concen: 1.311 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX044025.D
Acq: 27 Nov 2024 09:15

Tgt Ion:173 Resp: 116
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.2#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX044025.D

Acq: 27 Nov 2024 09:15

Instrument :

MSVOA_X

ClientSampleId :

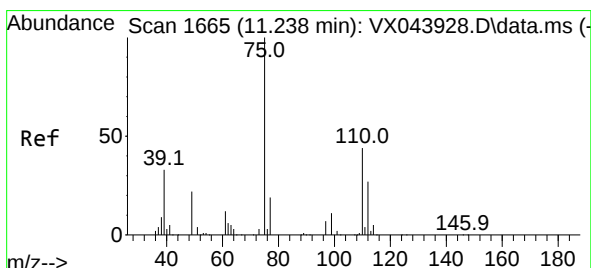
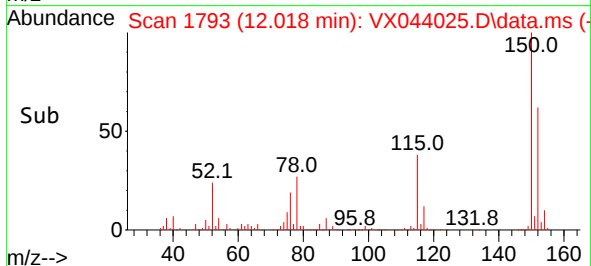
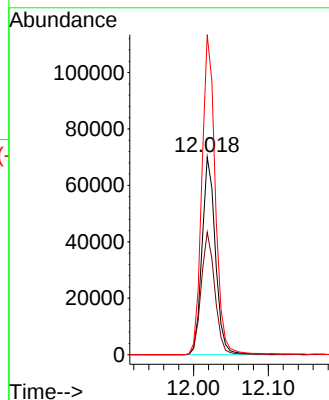
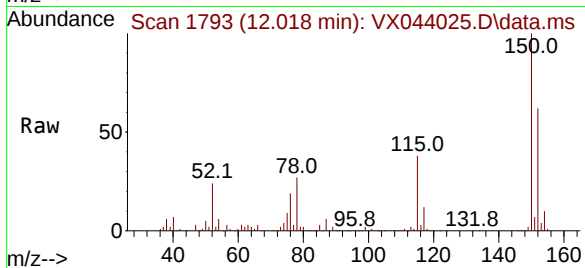
Tgt Ion:152 Resp: 87354

Ion Ratio Lower Upper

152 100

115 63.1 45.4 136.2

150 161.2 0.0 353.0



#76

1,2,3-Trichloropropane

Concen: 28.346 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044025.D

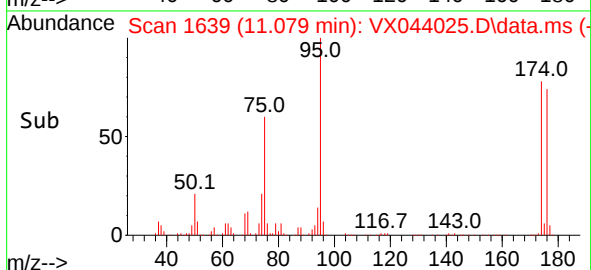
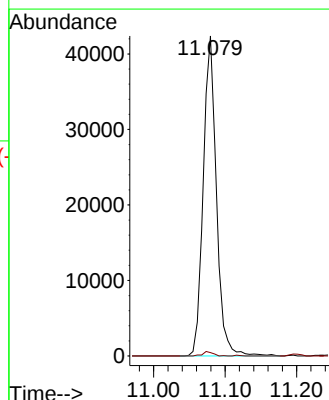
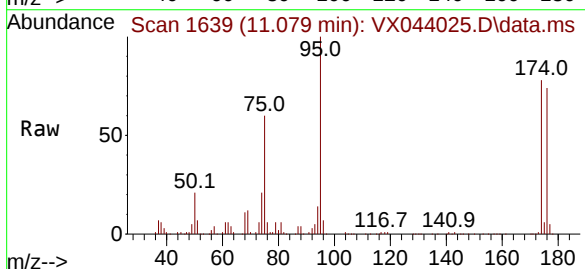
Acq: 27 Nov 2024 09:15

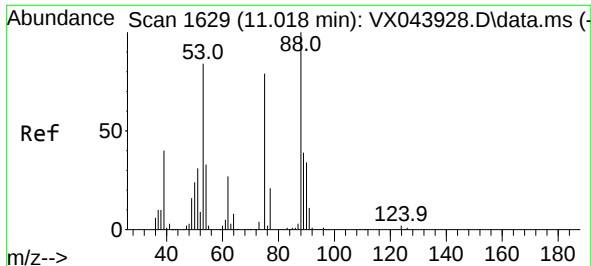
Tgt Ion: 75 Resp: 54302

Ion Ratio Lower Upper

75 100

77 1.1 21.8 65.3#

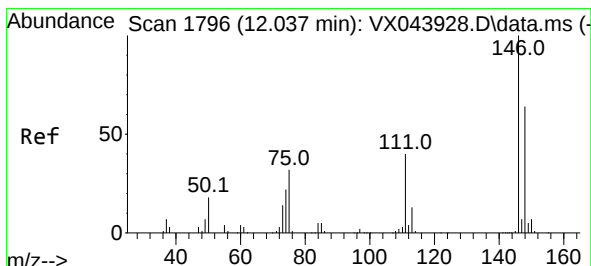
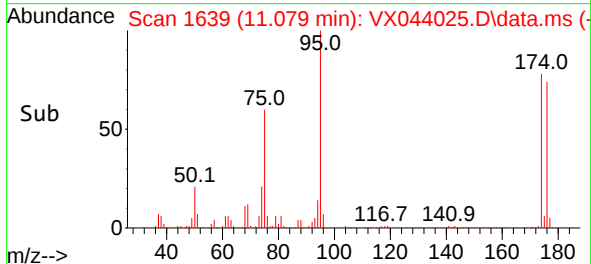
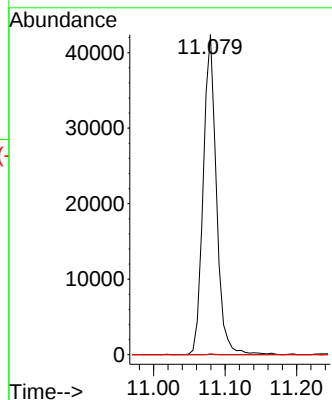
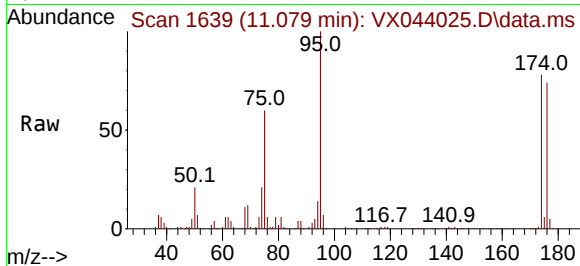




#81
trans-1,4-Dichloro-2-butene
Concen: 77.350 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044025.D
Acq: 27 Nov 2024 09:15

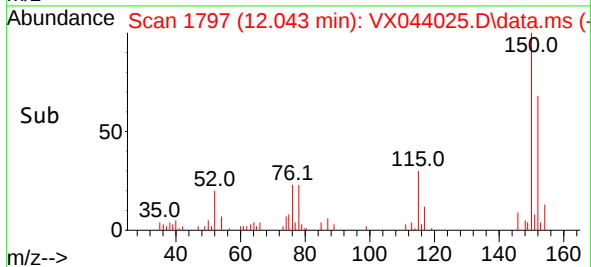
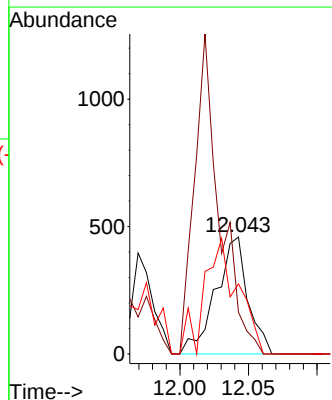
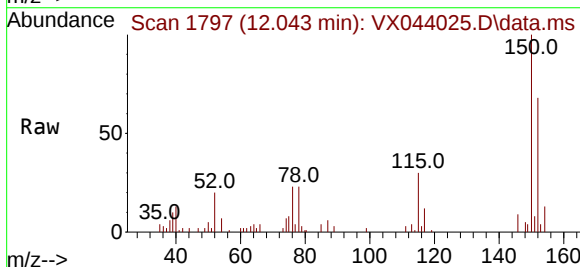
Instrument :
MSVOA_X
ClientSampleId :

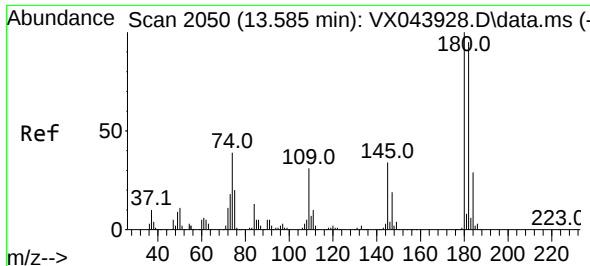
Tgt Ion: 75 Resp: 54302
Ion Ratio Lower Upper
75 100
53 0.0 86.7 130.1#
89 0.1 38.2 57.2#



#88
1,4-Dichlorobenzene
Concen: 0.250 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX044025.D
Acq: 27 Nov 2024 09:15

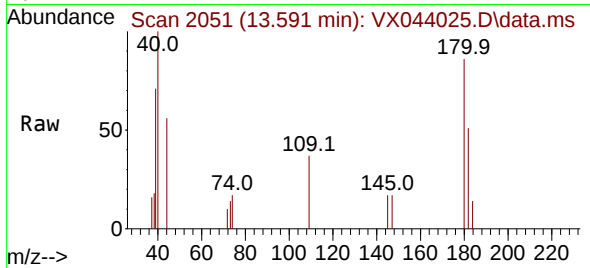
Tgt Ion:146 Resp: 744
Ion Ratio Lower Upper
146 100
111 0.0 20.1 60.3#
148 103.8 30.9 92.8#



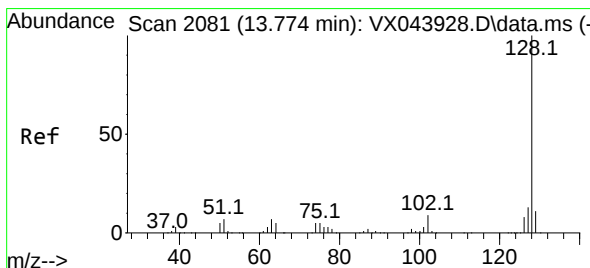
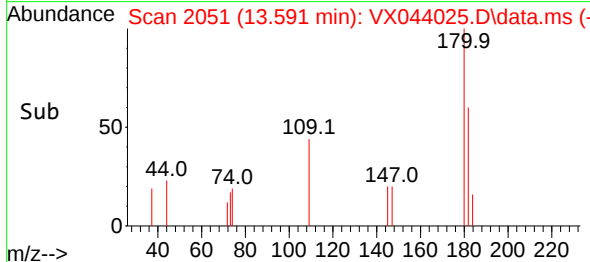
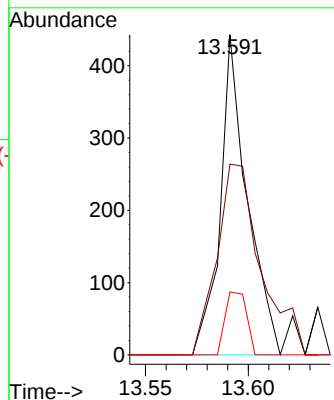


#93
1,2,4-Trichlorobenzene
Concen: 0.233 ug/l
RT: 13.591 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VX044025.D
Acq: 27 Nov 2024 09:15

Instrument :
MSVOA_X
ClientSampleId :

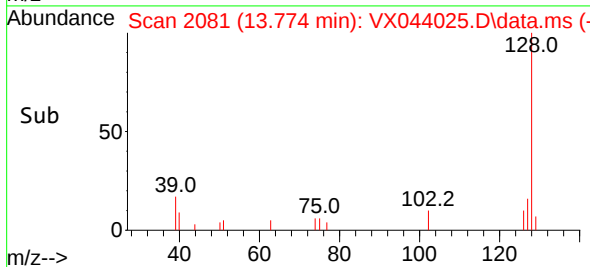
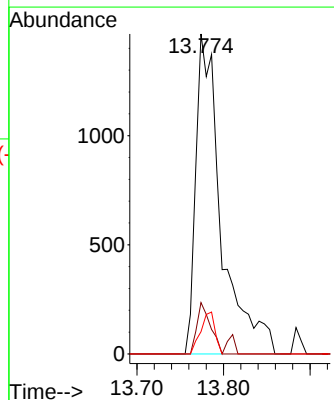
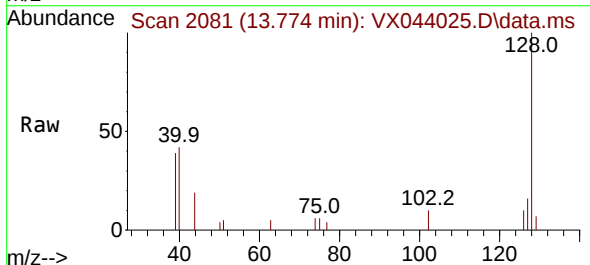


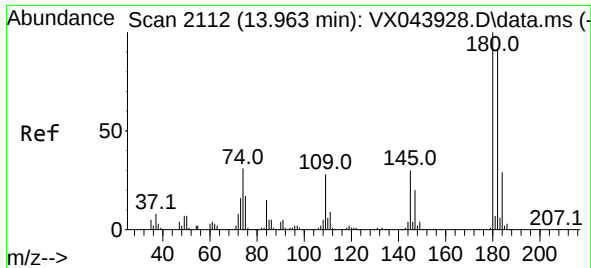
Tgt Ion:180 Resp: 404
Ion Ratio Lower Upper
180 100
182 97.5 48.0 144.2
145 15.6 16.8 50.4#



#95
Naphthalene
Concen: 0.479 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX044025.D
Acq: 27 Nov 2024 09:15

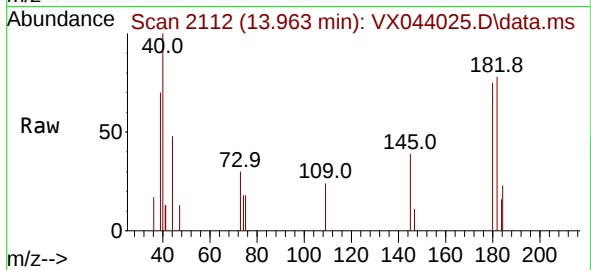
Tgt Ion:128 Resp: 2994
Ion Ratio Lower Upper
128 100
127 8.6 10.2 15.2#
129 7.3 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.270 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX044025.D
 Acq: 27 Nov 2024 09:15

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	475
Ion	Ratio	Lower	Upper
180	100		
182	128.6	45.6	136.8
145	50.1	16.4	49.4#

