

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120924\
 Data File : VX044175.D
 Acq On : 09 Dec 2024 10:12
 Operator : JC/MD
 Sample : VX1209MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 10 01:36:28 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)

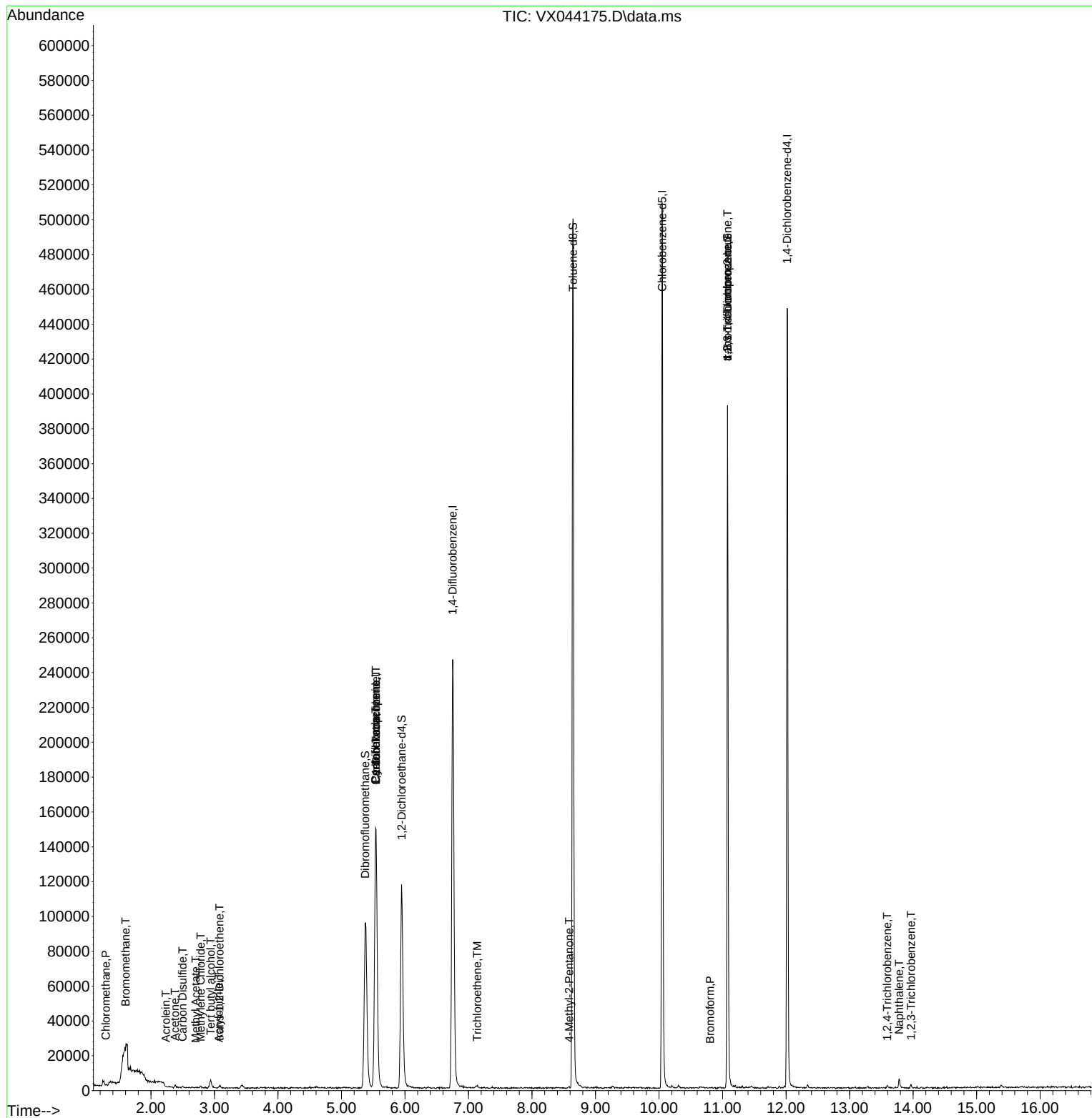
Internal Standards						
1) Pentafluorobenzene	5.538	168	130807	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	247884	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	210557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	85867	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	113266	50.485	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.960%	
35) Dibromofluoromethane	5.373	113	82745	46.715	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.440%	
50) Toluene-d8	8.647	98	297517	48.728	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.460%	
62) 4-Bromofluorobenzene	11.079	95	97572	46.956	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 93.920%	
Target Compounds						Qvalue
3) Chloromethane	1.288	50	368	0.211	ug/l	92
5) Bromomethane	1.599	94	504	0.442	ug/l	86
11) Tert butyl alcohol	2.940	59	2546	7.070	ug/l #	73
13) Acrolein	2.233	56	230	0.606	ug/l	96
15) Acrylonitrile	3.068	53	481	0.548	ug/l #	26
16) Acetone	2.380	43	1117	1.084	ug/l #	76
17) Carbon Disulfide	2.495	76	1097	0.353	ug/l #	81
18) Methyl Acetate	2.703	43	547	0.228	ug/l #	52
20) Methylene Chloride	2.782	84	444	0.254	ug/l #	75
21) trans-1,2-Dichloroethene	3.081	96	327	0.210	ug/l #	48
31) Cyclohexane	5.538	56	3700	1.480	ug/l #	36
36) 1,1-Dichloropropene	5.544	75	12186	5.521	ug/l #	50
38) Carbon Tetrachloride	5.544	117	14895	6.006	ug/l #	15
44) Trichloroethene	7.135	130	562	0.289	ug/l	52
51) 4-Methyl-2-Pentanone	8.586	43	721	0.271	ug/l #	37
71) Bromoform	10.805	173	41	1.242	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	55562	29.506	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	55562	80.516	ug/l #	7
93) 1,2,4-Trichlorobenzene	13.591	180	559	0.328	ug/l	90
95) Naphthalene	13.780	128	4264	0.694	ug/l #	96
96) 1,2,3-Trichlorobenzene	13.969	180	707	0.409	ug/l	87

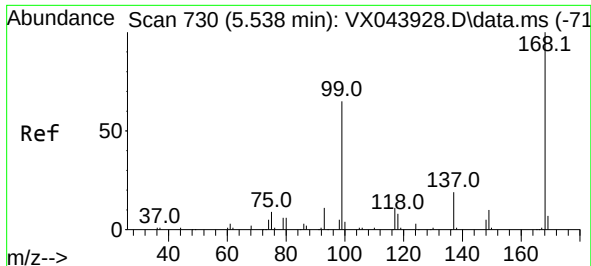
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120924\
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Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 10 01:36:28 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

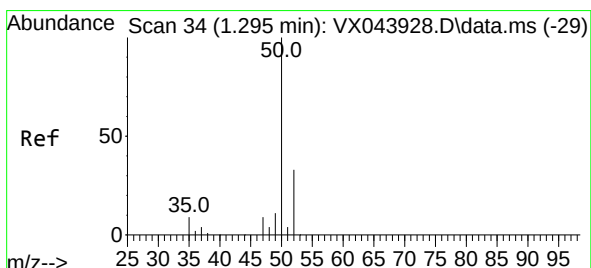
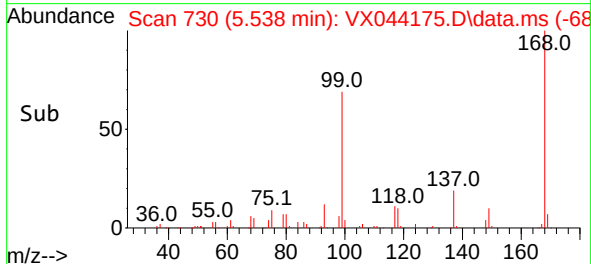
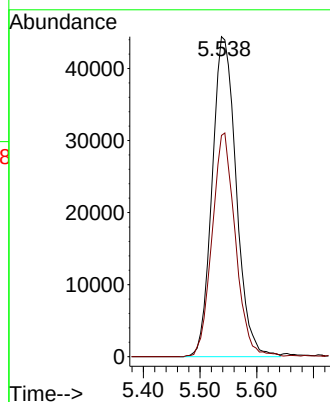
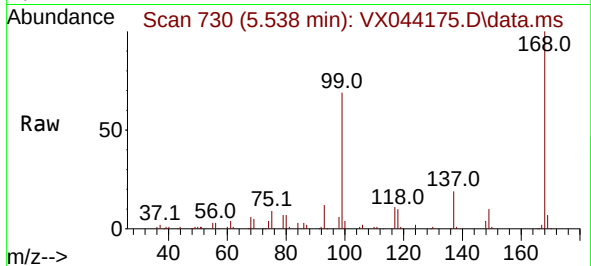




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044175.D
Acq: 09 Dec 2024 10:12

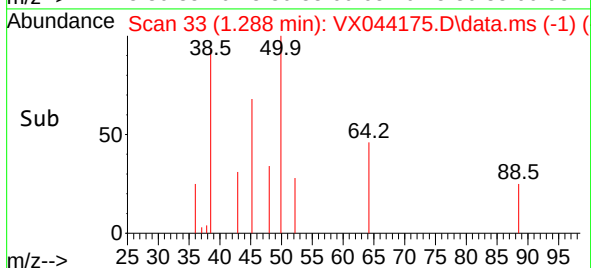
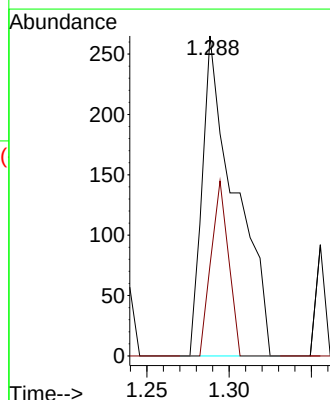
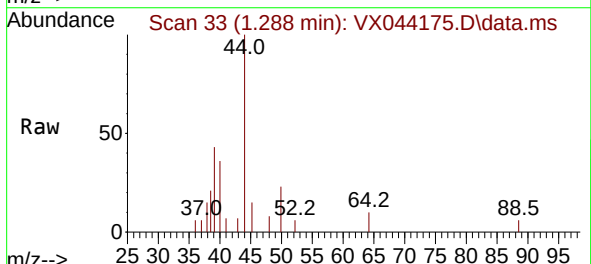
Instrument :
MSVOA_X
ClientSampleId :

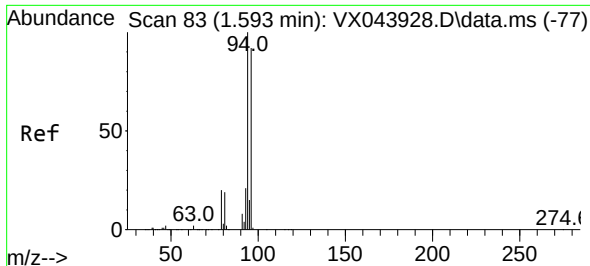
Tgt Ion:168 Resp: 130807
Ion Ratio Lower Upper
168 100
99 69.2 51.8 77.8



#3
Chloromethane
Concen: 0.211 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX044175.D
Acq: 09 Dec 2024 10:12

Tgt Ion: 50 Resp: 368
Ion Ratio Lower Upper
50 100
52 28.3 26.1 39.1

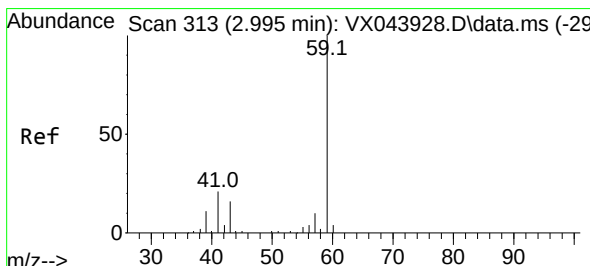
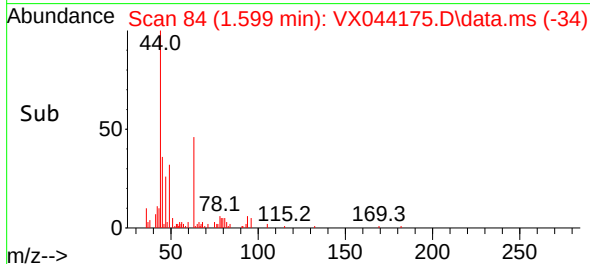
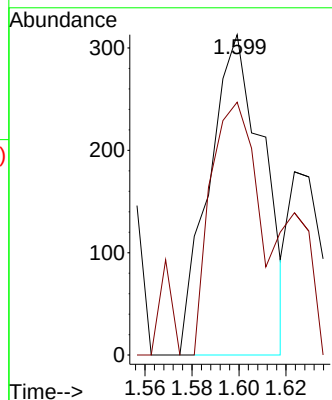
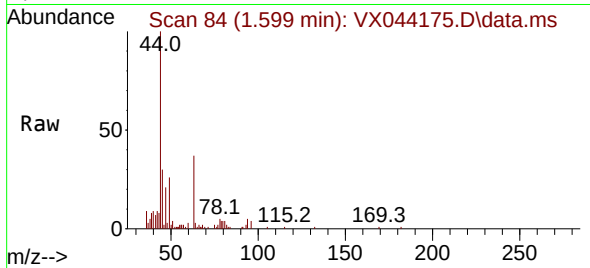




#5
Bromomethane
Concen: 0.442 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044175.D
Acq: 09 Dec 2024 10:12

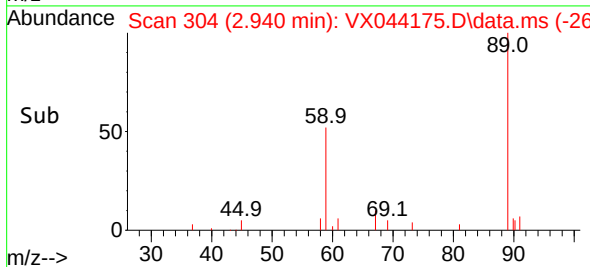
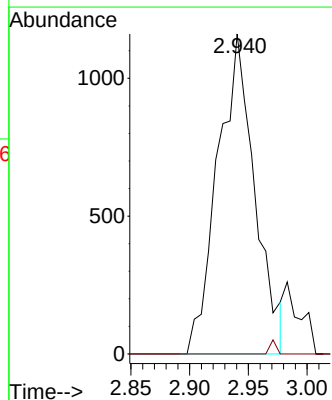
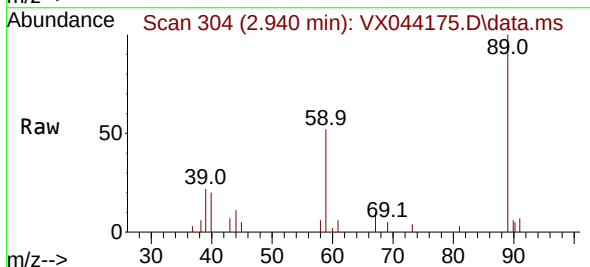
Instrument :
MSVOA_X
ClientSampleId :

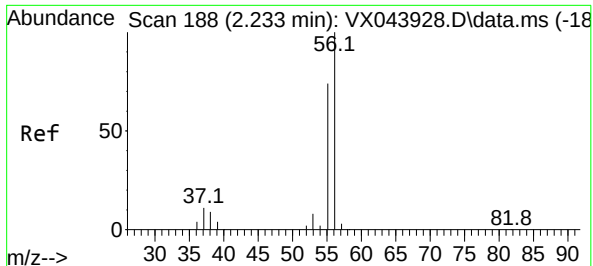
Tgt Ion: 94 Resp: 504
Ion Ratio Lower Upper
94 100
96 78.9 73.9 110.9



#11
Tert butyl alcohol
Concen: 7.070 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX044175.D
Acq: 09 Dec 2024 10:12

Tgt Ion: 59 Resp: 2546
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

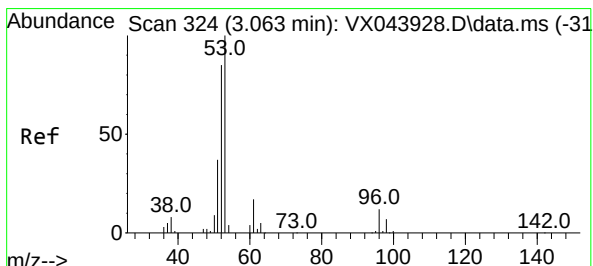
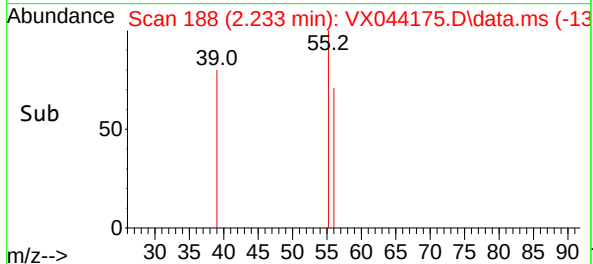
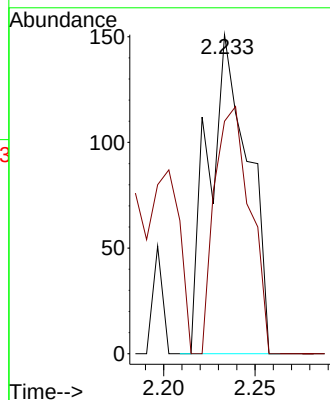
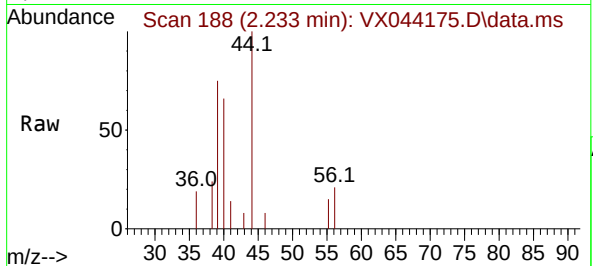




#13
Acrolein
Concen: 0.606 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044175.D
Acq: 09 Dec 2024 10:12

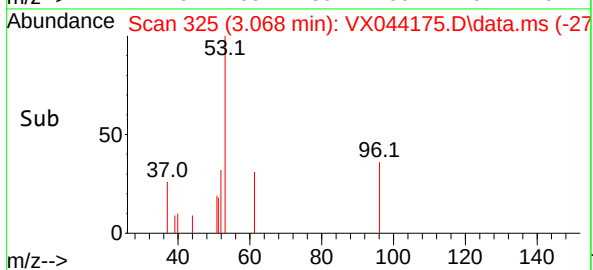
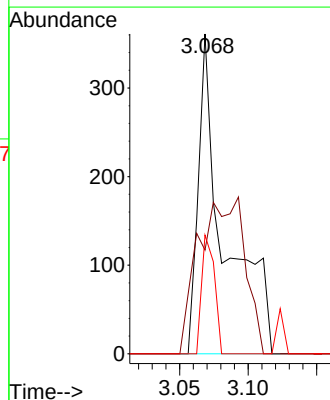
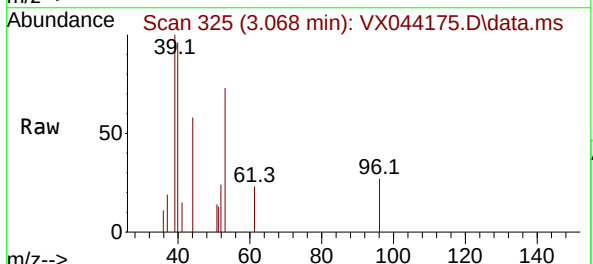
Instrument :
MSVOA_X
ClientSampleId :

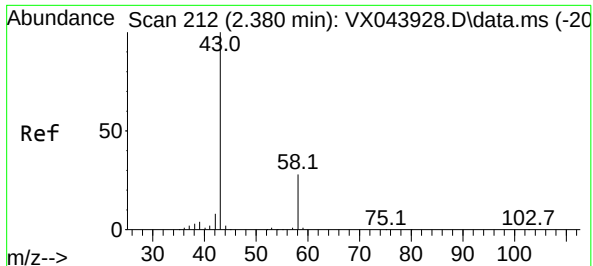
Tgt Ion: 56 Resp: 230
Ion Ratio Lower Upper
56 100
55 69.1 58.2 87.2



#15
Acrylonitrile
Concen: 0.548 ug/l
RT: 3.068 min Scan# 325
Delta R.T. 0.006 min
Lab File: VX044175.D
Acq: 09 Dec 2024 10:12

Tgt Ion: 53 Resp: 481
Ion Ratio Lower Upper
53 100
52 0.0 66.5 99.7#
51 18.1 30.2 45.4#

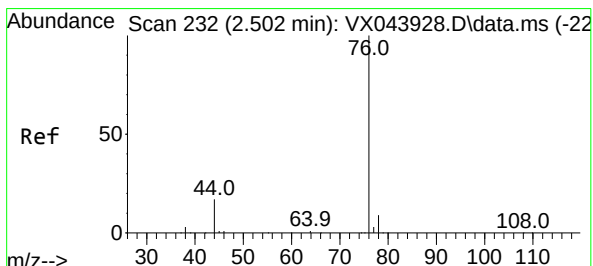
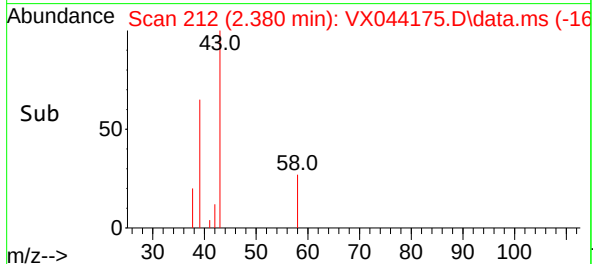
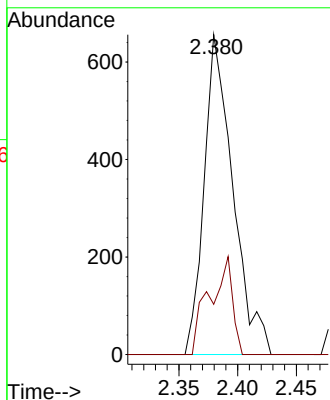
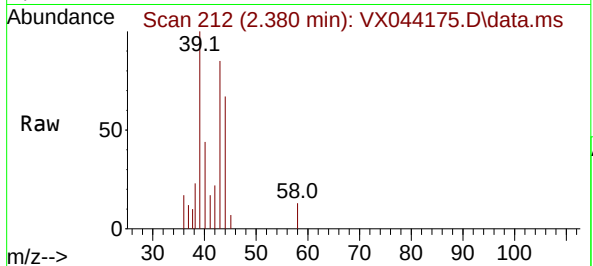




#16
Acetone
Concen: 1.084 ug/l
RT: 2.380 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX044175.D
Acq: 09 Dec 2024 10:12

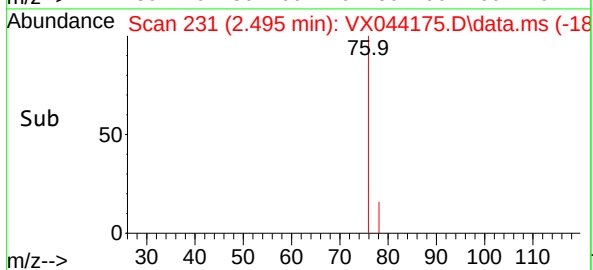
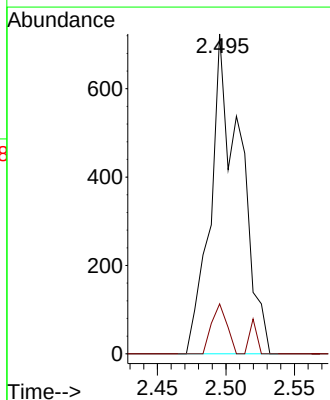
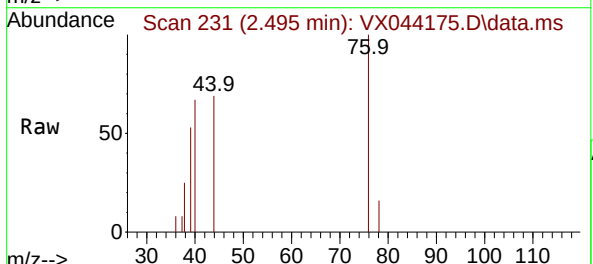
Instrument :
MSVOA_X
ClientSampleId :

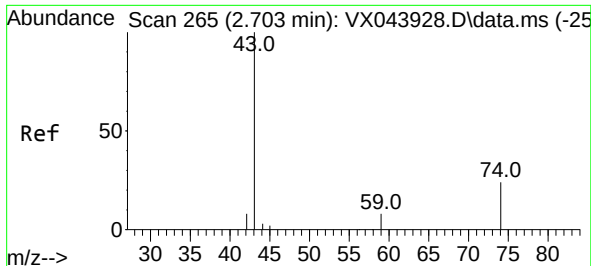
Tgt Ion: 43 Resp: 1117
Ion Ratio Lower Upper
43 100
58 15.7 22.7 34.1#



#17
Carbon Disulfide
Concen: 0.353 ug/l
RT: 2.495 min Scan# 231
Delta R.T. -0.006 min
Lab File: VX044175.D
Acq: 09 Dec 2024 10:12

Tgt Ion: 76 Resp: 1097
Ion Ratio Lower Upper
76 100
78 15.6 7.0 10.6#

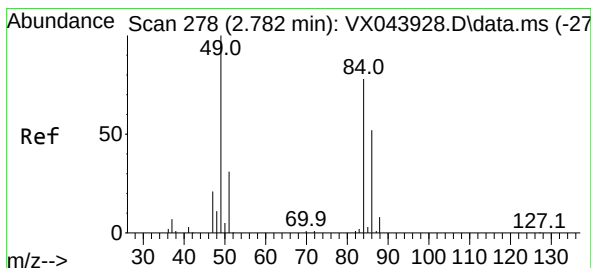
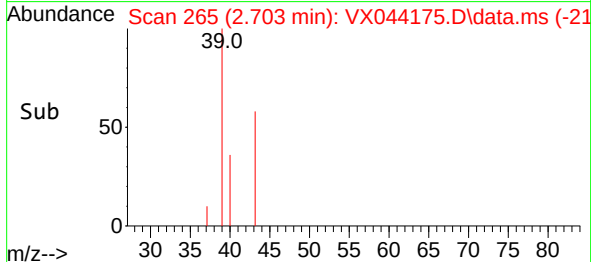
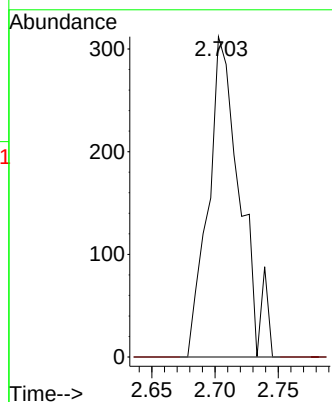
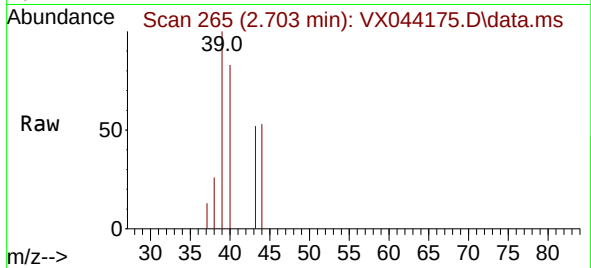




#18
Methyl Acetate
Concen: 0.228 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX044175.D
Acq: 09 Dec 2024 10:12

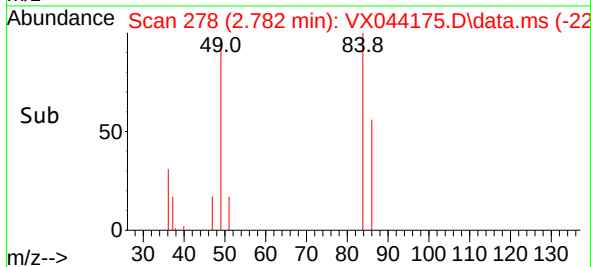
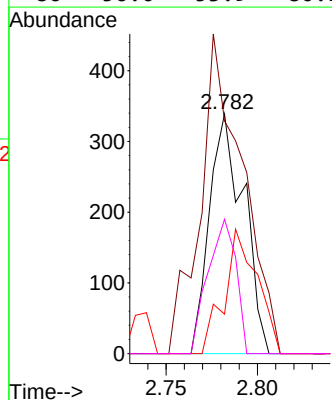
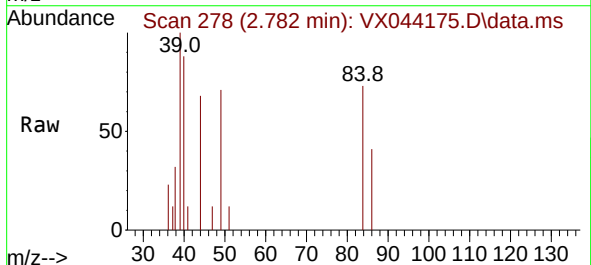
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MSVOA_X
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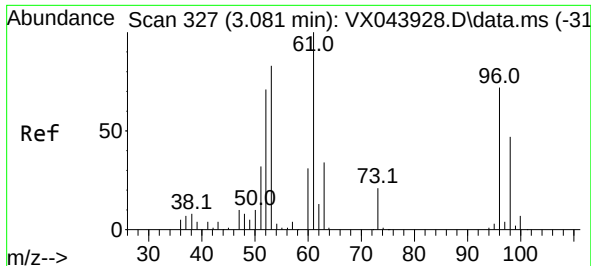
Tgt Ion: 43 Resp: 547
Ion Ratio Lower Upper
43 100
74 0.0 18.9 28.3#



#20
Methylene Chloride
Concen: 0.254 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044175.D
Acq: 09 Dec 2024 10:12

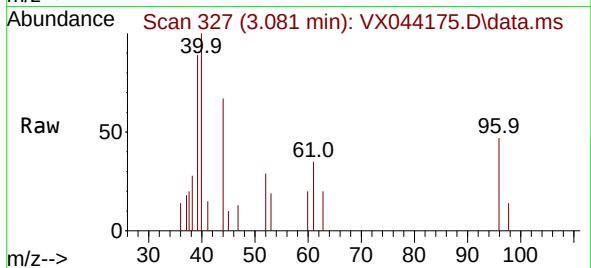
Tgt Ion: 84 Resp: 444
Ion Ratio Lower Upper
84 100
49 97.1 102.7 154.1#
51 16.5 31.7 47.5#
86 56.0 53.9 80.9



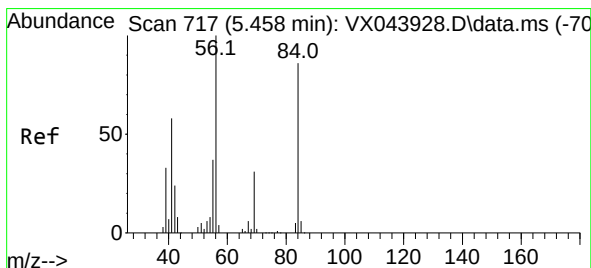
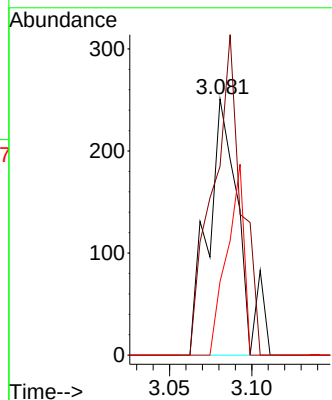
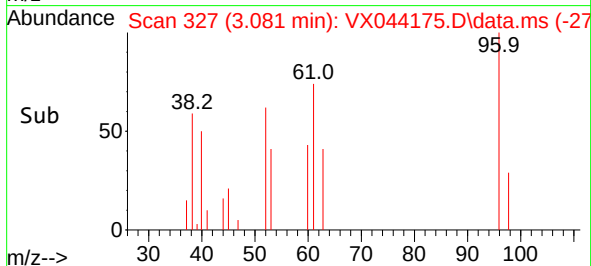


#21
trans-1,2-Dichloroethene
Concen: 0.210 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX044175.D
Acq: 09 Dec 2024 10:12

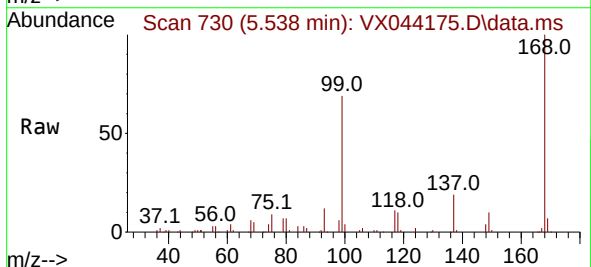
Instrument :
MSVOA_X
ClientSampleId :



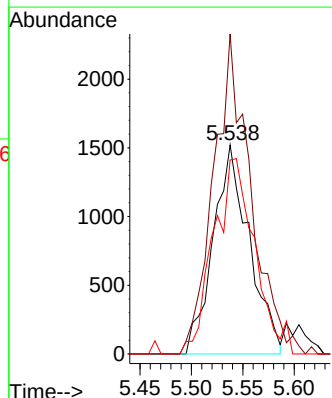
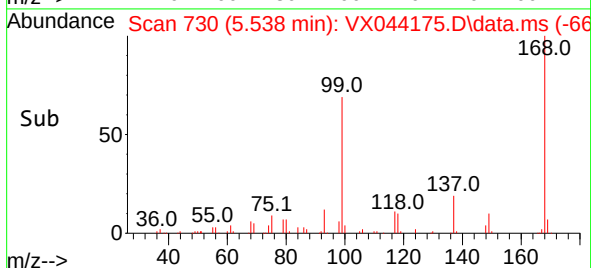
Tgt Ion: 96 Resp: 327
Ion Ratio Lower Upper
96 100
61 73.7 111.8 167.6#
98 28.7 52.7 79.1#

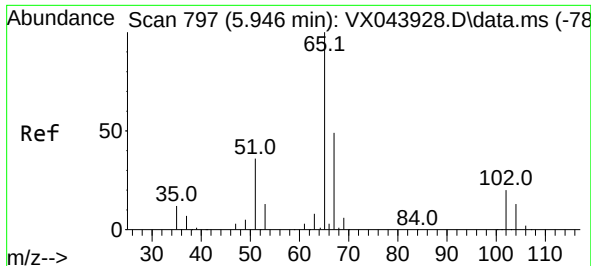


#31
Cyclohexane
Concen: 1.480 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.079 min
Lab File: VX044175.D
Acq: 09 Dec 2024 10:12



Tgt Ion: 56 Resp: 3700
Ion Ratio Lower Upper
56 100
69 153.1 24.7 37.1#
84 92.8 68.7 103.1

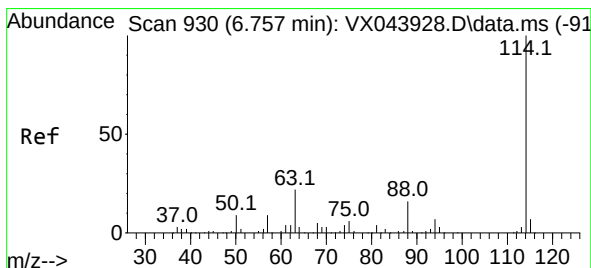
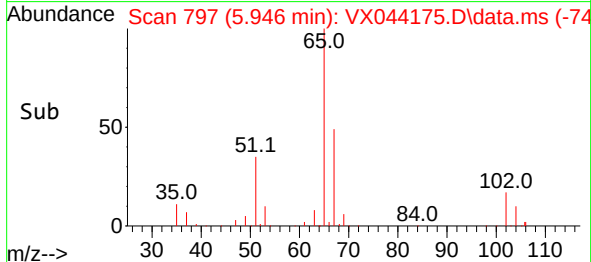
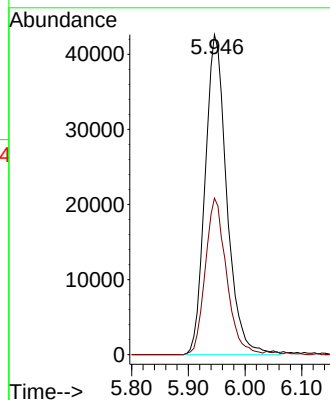
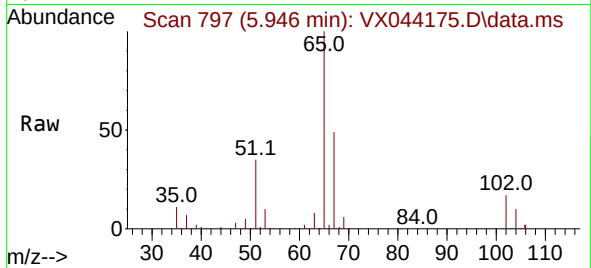




#33
 1,2-Dichloroethane-d4
 Concen: 50.485 ug/l
 RT: 5.946 min Scan# 797
 Delta R.T. -0.000 min
 Lab File: VX044175.D
 Acq: 09 Dec 2024 10:12

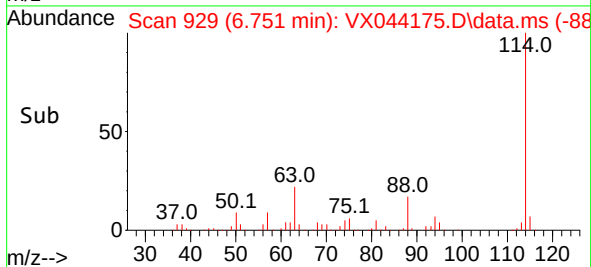
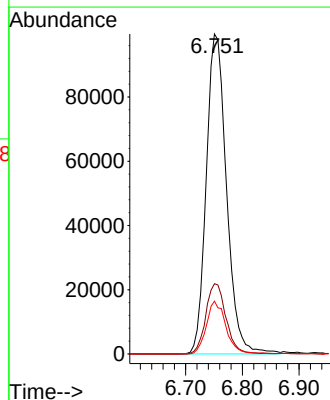
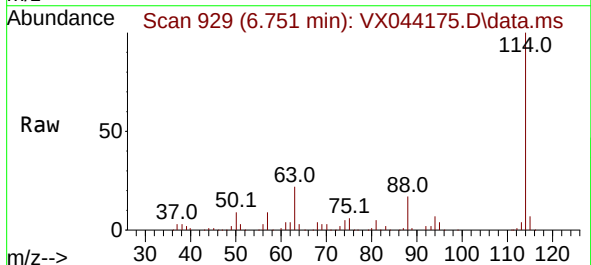
Instrument :
 MSVOA_X
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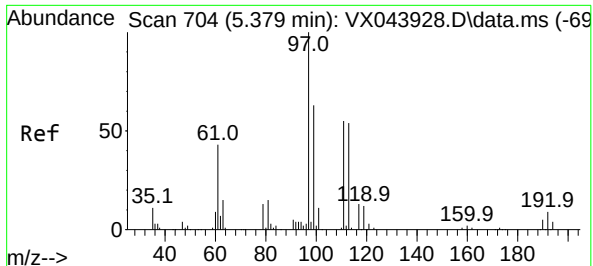
Tgt Ion: 65 Resp: 113266
 Ion Ratio Lower Upper
 65 100
 67 47.8 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. -0.006 min
 Lab File: VX044175.D
 Acq: 09 Dec 2024 10:12

Tgt Ion: 114 Resp: 247884
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 44.0
 88 16.5 0.0 32.4

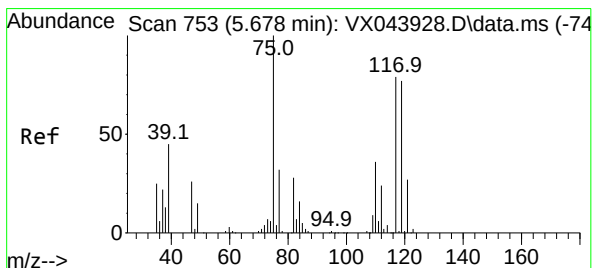
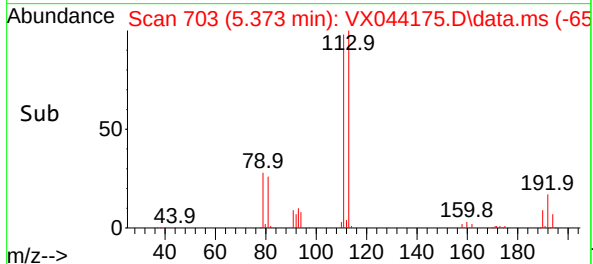
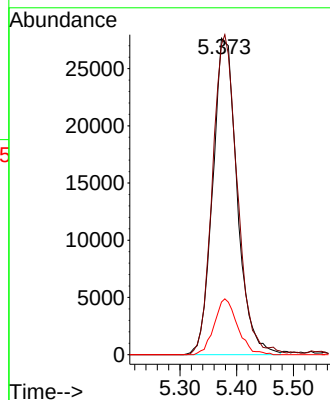
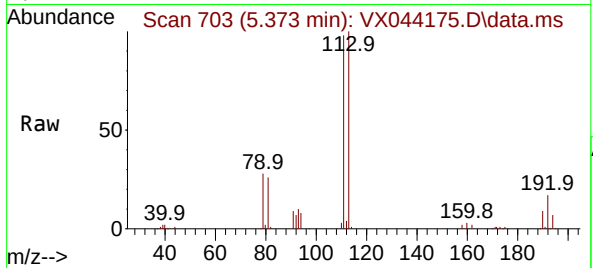




#35
Dibromofluoromethane
Concen: 46.715 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX044175.D
Acq: 09 Dec 2024 10:12

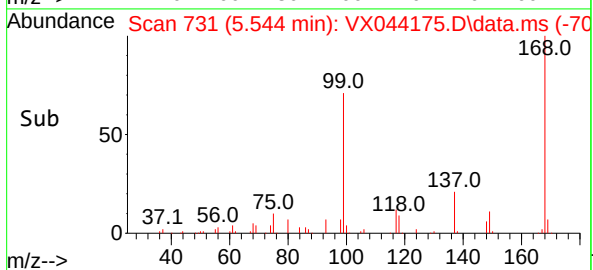
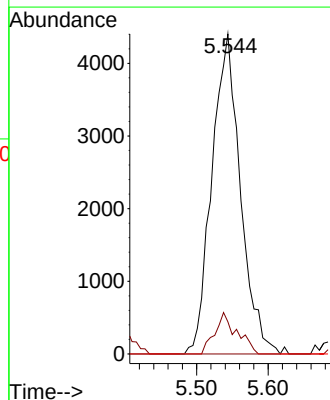
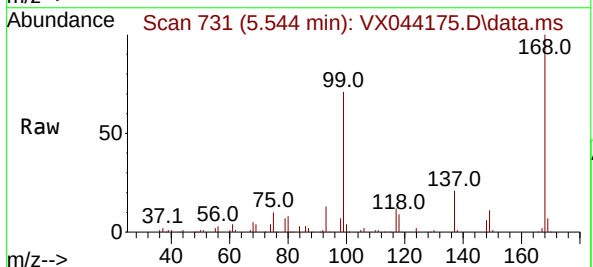
Instrument :
MSVOA_X
ClientSampleId :

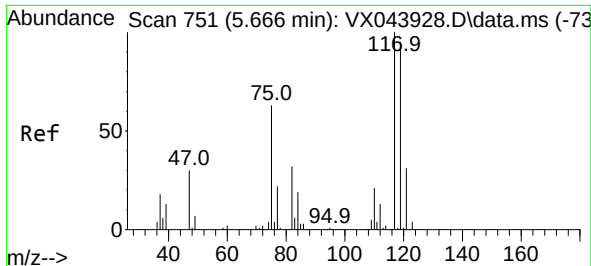
Tgt Ion:113 Resp: 82745
Ion Ratio Lower Upper
113 100
111 102.6 81.0 121.4
192 16.9 13.0 19.6



#36
1,1-Dichloropropene
Concen: 5.521 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX044175.D
Acq: 09 Dec 2024 10:12

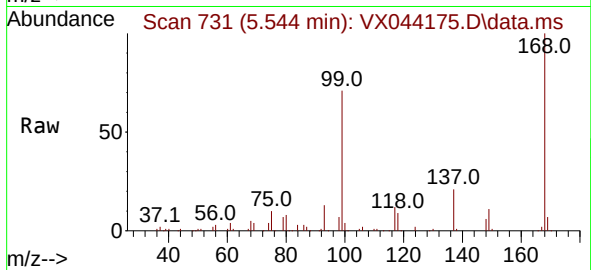
Tgt Ion: 75 Resp: 12186
Ion Ratio Lower Upper
75 100
110 10.1 17.4 52.2#
77 0.0 25.8 38.8#



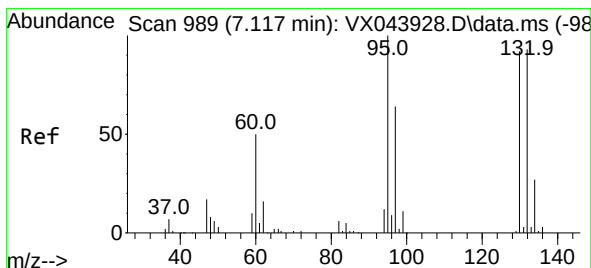
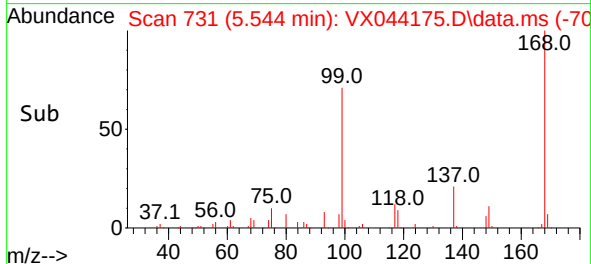
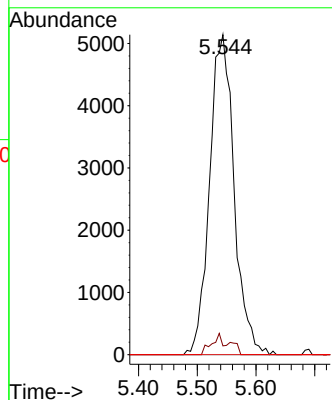


#38
Carbon Tetrachloride
Concen: 6.006 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX044175.D
Acq: 09 Dec 2024 10:12

Instrument :
MSVOA_X
ClientSampleId :

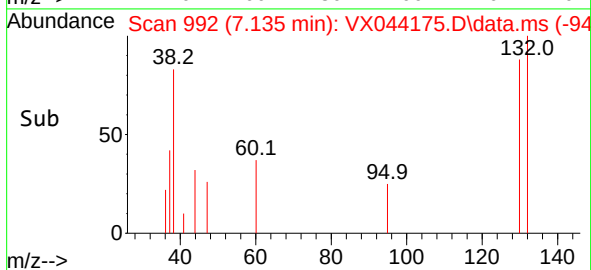
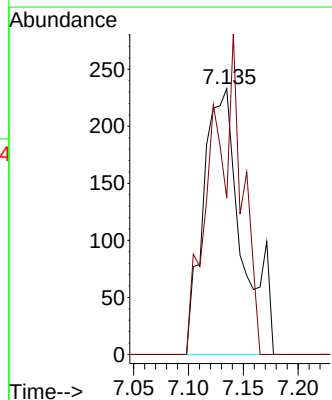
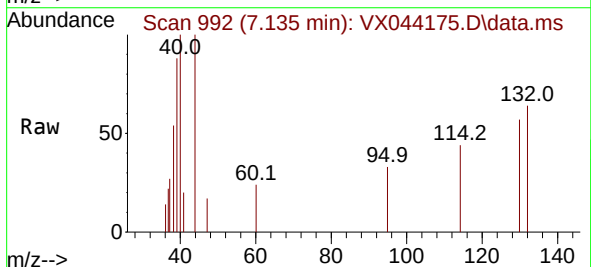


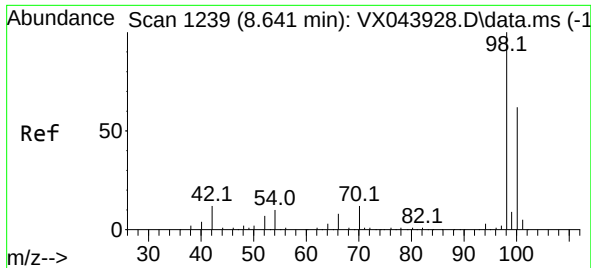
Tgt Ion:117 Resp: 14895
Ion Ratio Lower Upper
117 100
119 2.8 75.2 112.8#
121 0.0 24.5 36.7#



#44
Trichloroethene
Concen: 0.289 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.018 min
Lab File: VX044175.D
Acq: 09 Dec 2024 10:12

Tgt Ion:130 Resp: 562
Ion Ratio Lower Upper
130 100
95 58.8 0.0 217.8

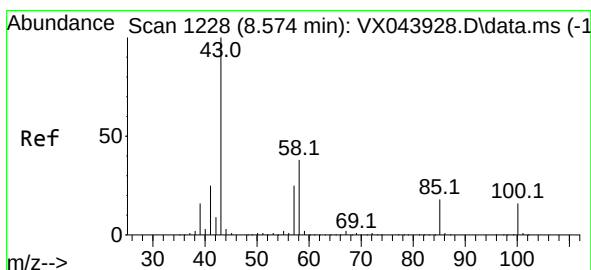
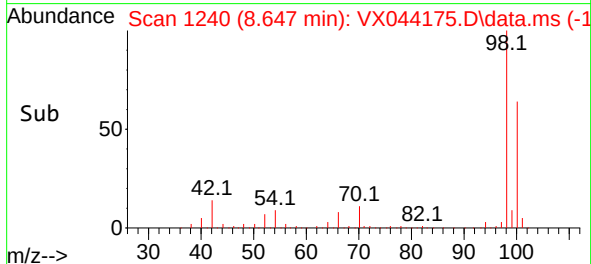
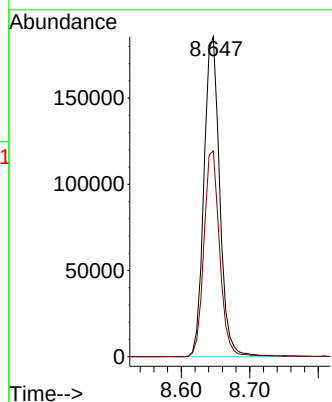
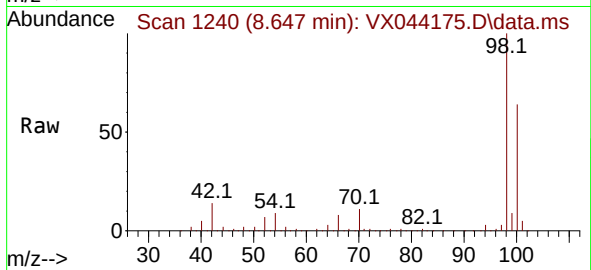




#50
Toluene-d8
Concen: 48.728 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044175.D
Acq: 09 Dec 2024 10:12

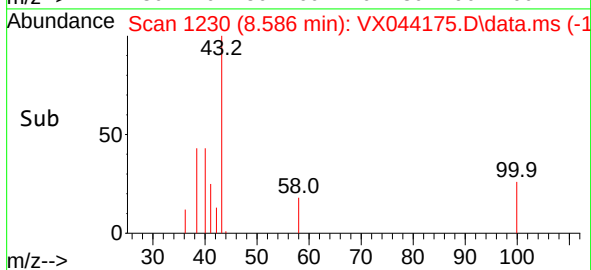
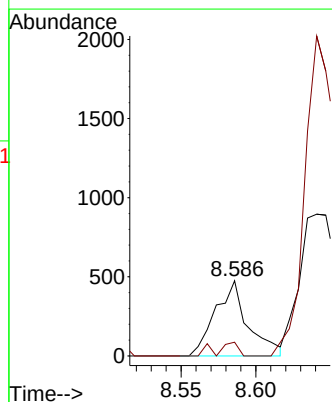
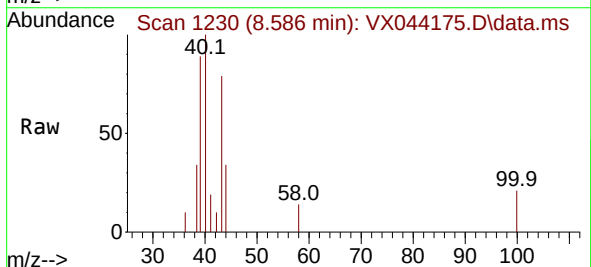
Instrument :
MSVOA_X
ClientSampleId :

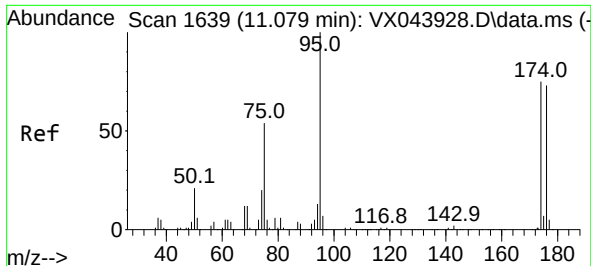
Tgt Ion: 98 Resp: 297517
Ion Ratio Lower Upper
98 100
100 64.4 52.6 79.0



#51
4-Methyl-2-Pentanone
Concen: 0.271 ug/l
RT: 8.586 min Scan# 1230
Delta R.T. 0.012 min
Lab File: VX044175.D
Acq: 09 Dec 2024 10:12

Tgt Ion: 43 Resp: 721
Ion Ratio Lower Upper
43 100
58 0.0 30.0 45.0#

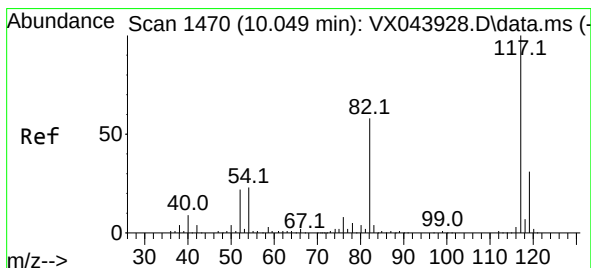
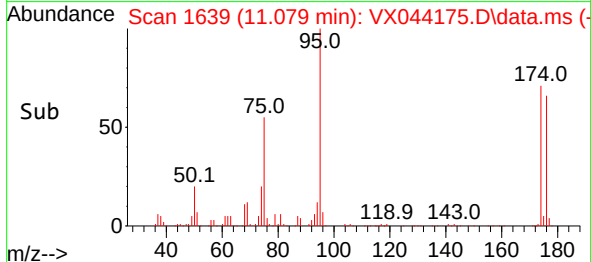
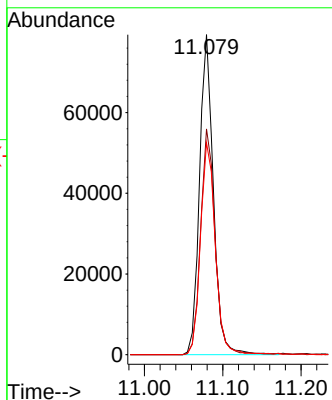
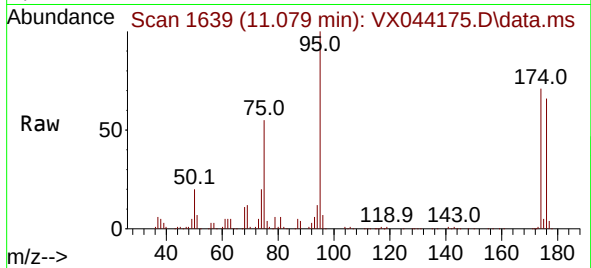




#62
4-Bromofluorobenzene
Concen: 46.956 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044175.D
Acq: 09 Dec 2024 10:12

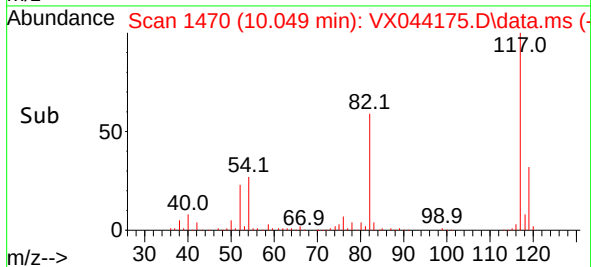
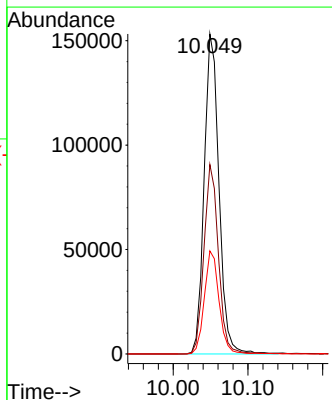
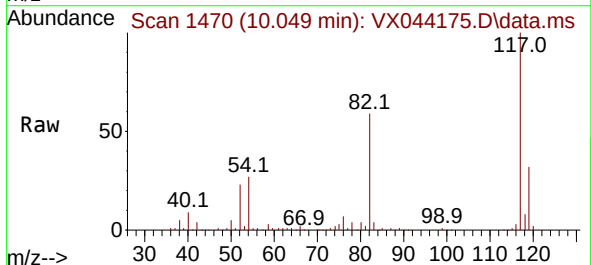
Instrument :
MSVOA_X
ClientSampleId :

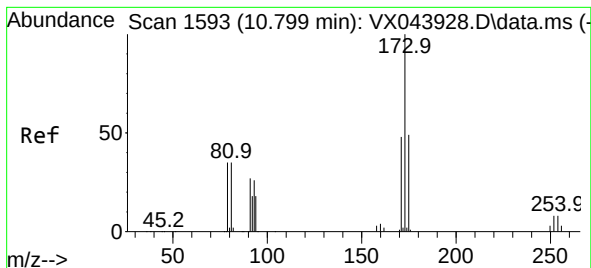
Tgt Ion: 95 Resp: 97572
Ion Ratio Lower Upper
95 100
174 73.3 0.0 150.4
176 70.7 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044175.D
Acq: 09 Dec 2024 10:12

Tgt Ion: 117 Resp: 210557
Ion Ratio Lower Upper
117 100
82 59.2 46.4 69.6
119 32.2 24.6 37.0





#71

Bromoform

Concen: 1.242 ug/l

RT: 10.805 min Scan# 11

Delta R.T. 0.006 min

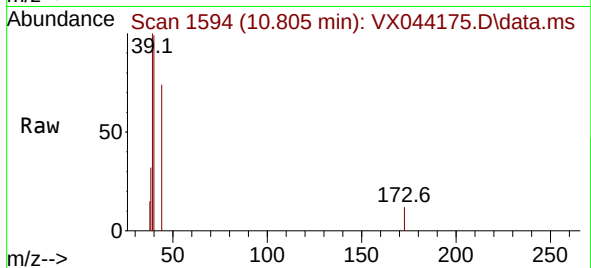
Lab File: VX044175.D

Acq: 09 Dec 2024 10:12

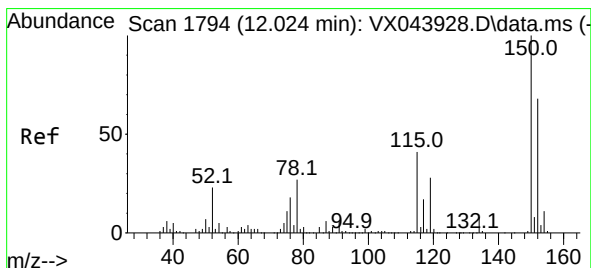
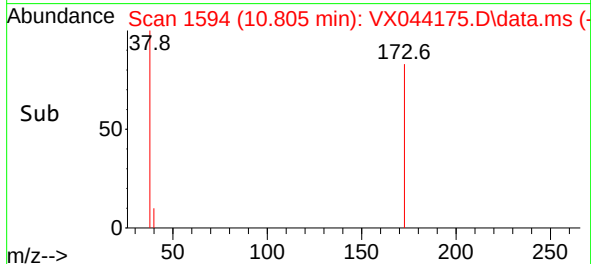
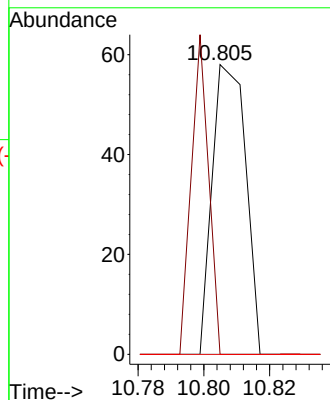
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:173	Resp:	41
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

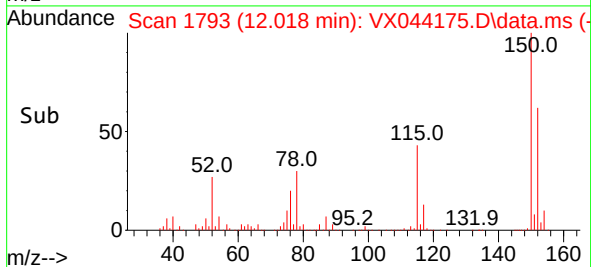
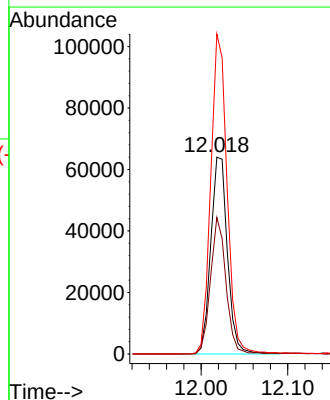
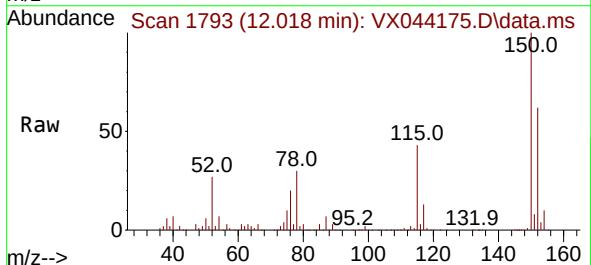
RT: 12.018 min Scan# 1793

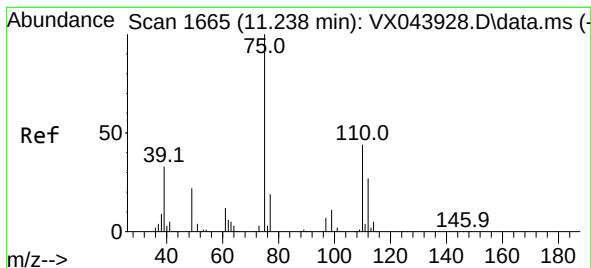
Delta R.T. -0.006 min

Lab File: VX044175.D

Acq: 09 Dec 2024 10:12

Tgt Ion:152	Resp:	85867
Ion Ratio	Lower	Upper
152	100	
115	64.2	45.4 136.2
150	158.9	0.0 353.0





#76

1,2,3-Trichloropropane

Concen: 29.506 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044175.D

Acq: 09 Dec 2024 10:12

Instrument :

MSVOA_X

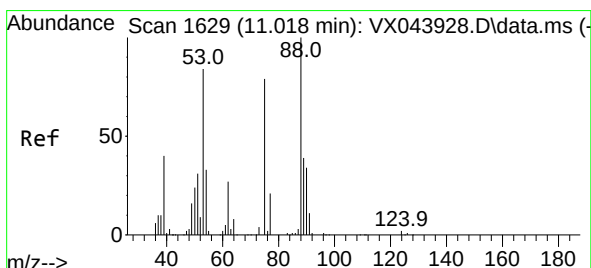
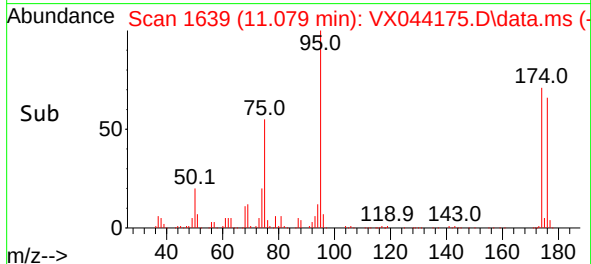
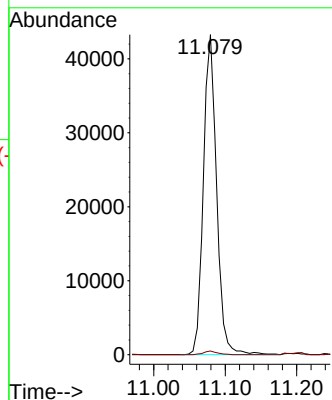
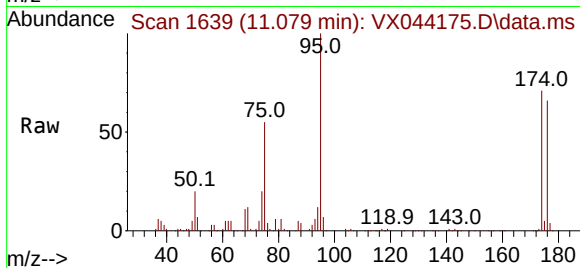
ClientSampleId :

Tgt Ion: 75 Resp: 55562

Ion Ratio Lower Upper

75 100

77 1.2 21.8 65.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 80.516 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX044175.D

Acq: 09 Dec 2024 10:12

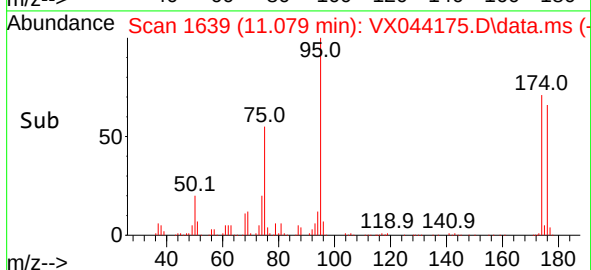
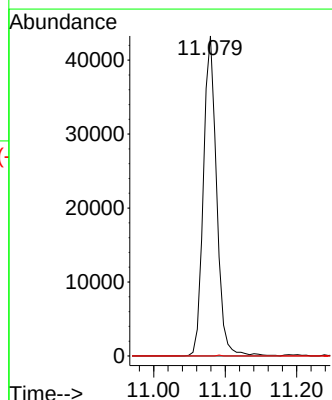
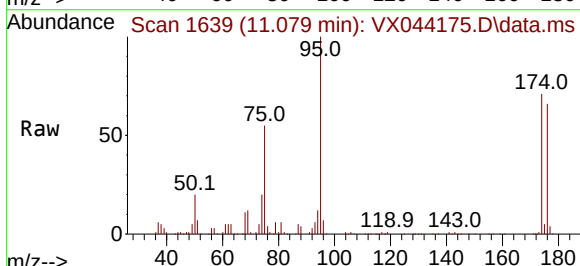
Tgt Ion: 75 Resp: 55562

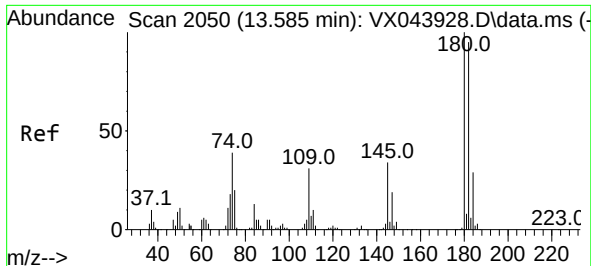
Ion Ratio Lower Upper

75 100

53 0.0 86.7 130.1#

89 0.1 38.2 57.2#

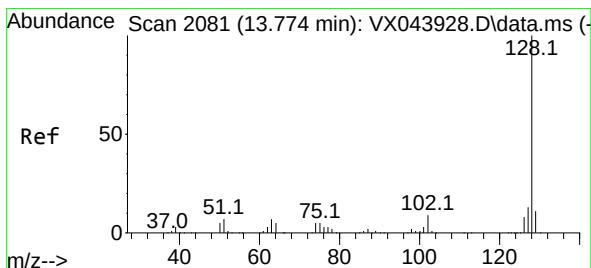
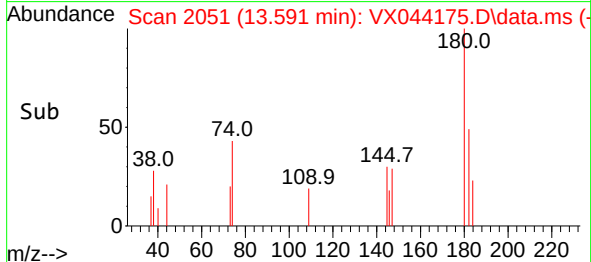
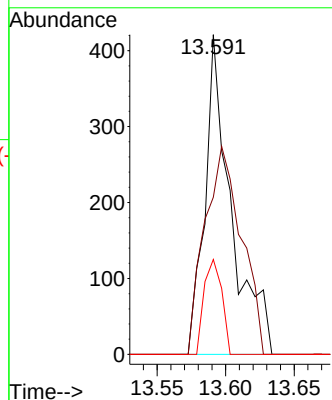
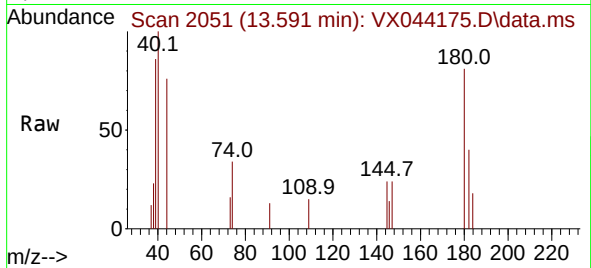




#93
1,2,4-Trichlorobenzene
Concen: 0.328 ug/l
RT: 13.591 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VX044175.D
Acq: 09 Dec 2024 10:12

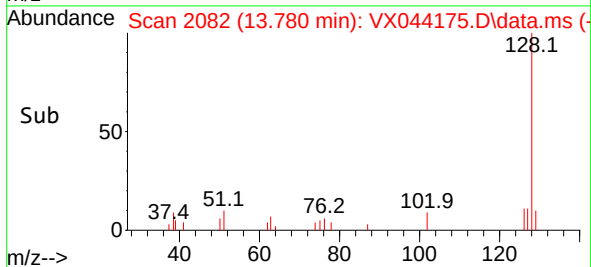
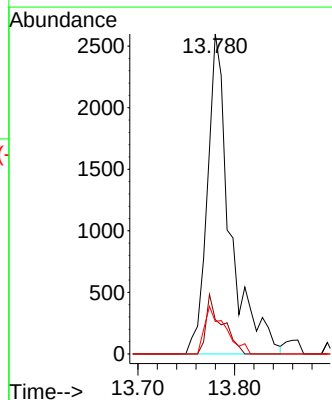
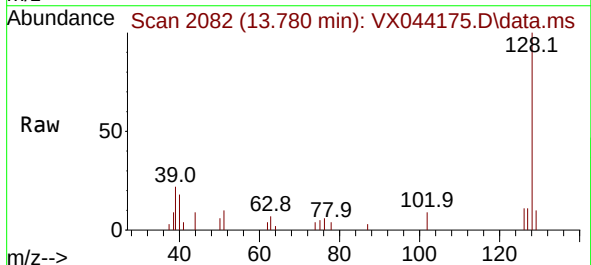
Instrument :
MSVOA_X
ClientSampleId :

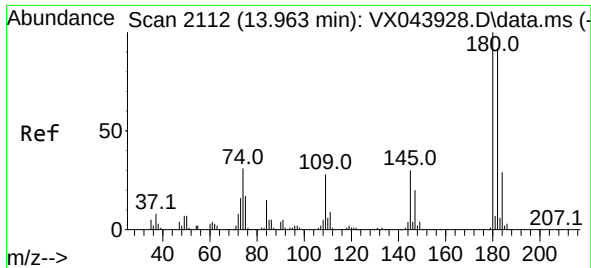
Tgt Ion:180 Resp: 559
Ion Ratio Lower Upper
180 100
182 91.1 48.0 144.2
145 20.2 16.8 50.4



#95
Naphthalene
Concen: 0.694 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX044175.D
Acq: 09 Dec 2024 10:12

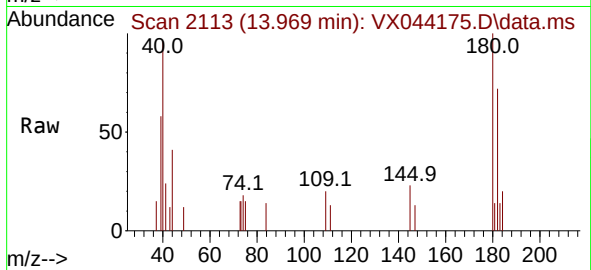
Tgt Ion:128 Resp: 4264
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 13.4 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.409 ug/l
 RT: 13.969 min Scan# 2113
 Delta R.T. 0.006 min
 Lab File: VX044175.D
 Acq: 09 Dec 2024 10:12

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	707
Ion	Ratio	Lower	Upper
180	100		
182	77.5	45.6	136.8
145	27.0	16.4	49.4

