

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112224\
 Data File : VX043964.D
 Acq On : 22 Nov 2024 16:52
 Operator : JC/MD
 Sample : P4846-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 22 22:26:09 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)

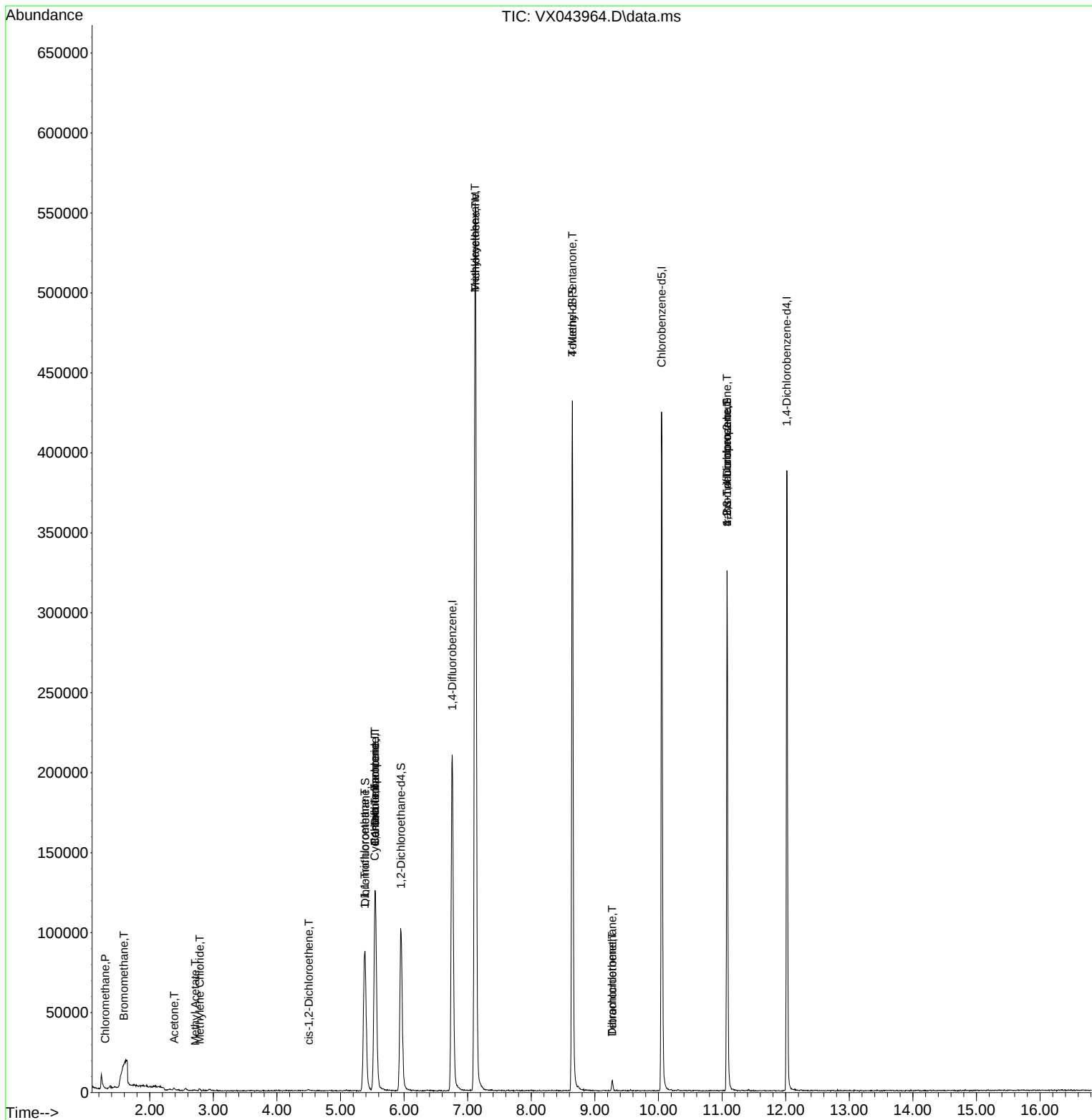
Internal Standards						
1) Pentafluorobenzene	5.544	168	110220	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	212874	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	183450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	74078	50.000	ug/l	0.00

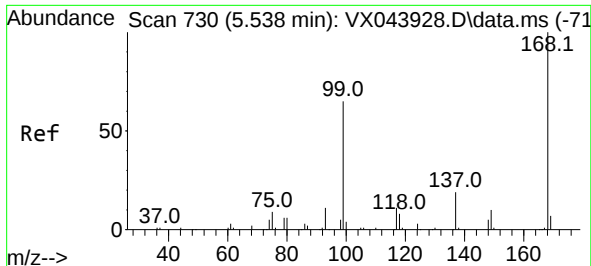
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	98252	51.973	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.940%
35) Dibromofluoromethane	5.385	113	70681	46.467	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.940%
50) Toluene-d8	8.647	98	259074	49.410	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.820%
62) 4-Bromofluorobenzene	11.079	95	83219	46.635	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.280%

Target Compounds					Qvalue	
3) Chloromethane	1.300	50	379	0.258	ug/l #	42
5) Bromomethane	1.593	94	386	0.401	ug/l	86
16) Acetone	2.386	43	1355	1.561	ug/l #	85
18) Methyl Acetate	2.715	43	487	0.241	ug/l #	72
20) Methylene Chloride	2.788	84	485	0.329	ug/l #	66
27) cis-1,2-Dichloroethene	4.501	96	338	0.209	ug/l	77
31) Cyclohexane	5.538	56	3135	1.488	ug/l #	42
32) 1,1,1-Trichloroethane	5.379	97	7945	3.346	ug/l	95
36) 1,1-Dichloropropene	5.544	75	11143	5.879	ug/l #	48
38) Carbon Tetrachloride	5.544	117	13167	6.182	ug/l #	18
39) Methylcyclohexane	7.117	83	2989	1.214	ug/l #	1
44) Trichloroethene	7.123	130	204919	122.602	ug/l	92
51) 4-Methyl-2-Pentanone	8.647	43	1261	0.552	ug/l #	1
60) Dibromochloromethane	9.275	129	1008	0.689	ug/l #	11
64) Tetrachloroethene	9.275	164	1044	0.863	ug/l #	74
76) 1,2,3-Trichloropropane	11.079	75	47395	29.175	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	47395	79.611	ug/l #	7

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

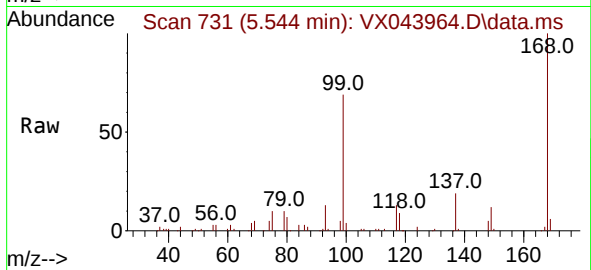
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Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



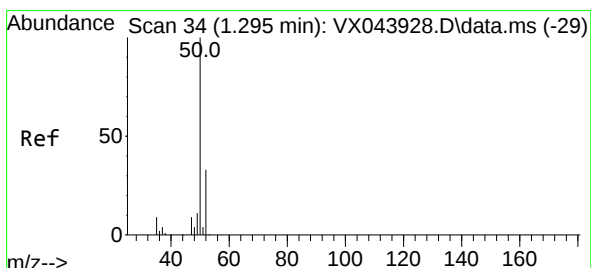
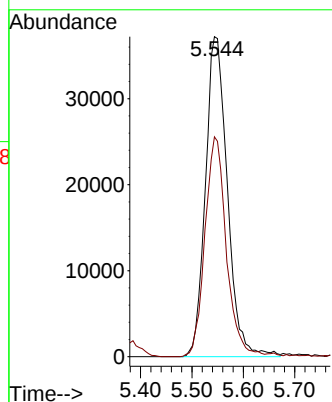
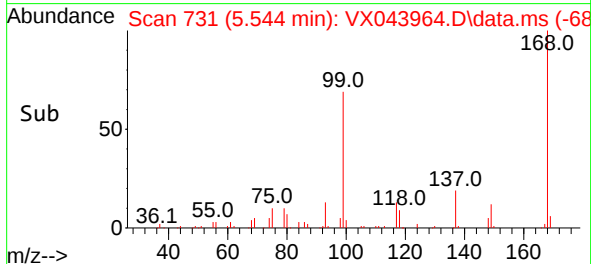


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX043964.D
Acq: 22 Nov 2024 16:52

Instrument :
MSVOA_X
ClientSampleId :

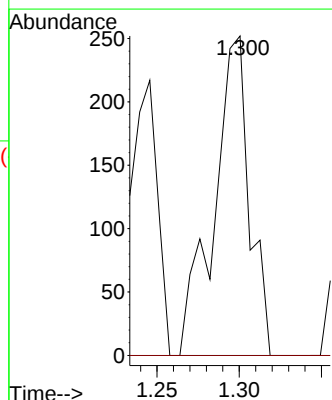
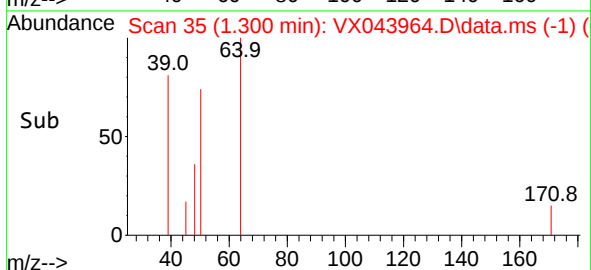
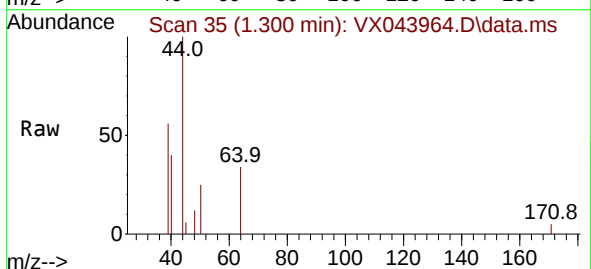


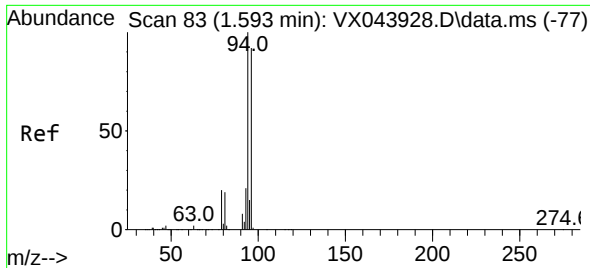
Tgt Ion:168 Resp: 110220
Ion Ratio Lower Upper
168 100
99 68.7 51.8 77.8



#3
Chloromethane
Concen: 0.258 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX043964.D
Acq: 22 Nov 2024 16:52

Tgt Ion: 50 Resp: 379
Ion Ratio Lower Upper
50 100
52 0.0 26.1 39.1#

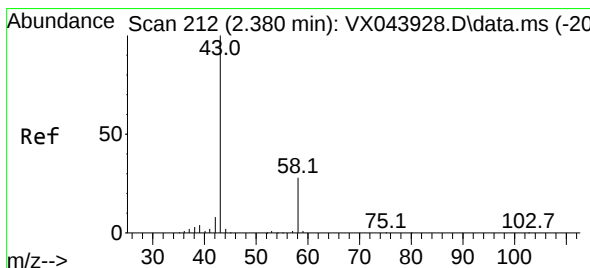
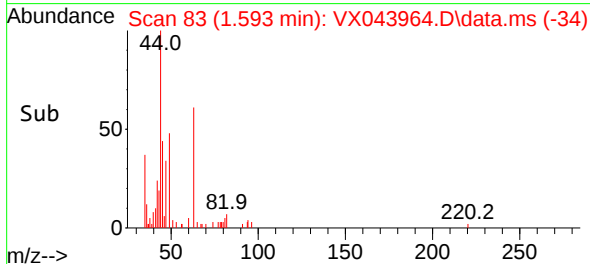
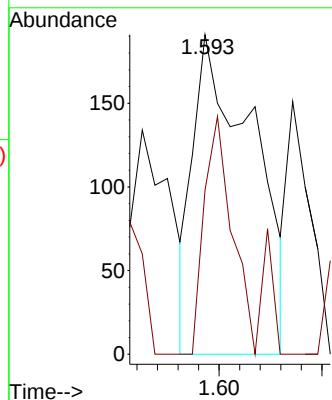
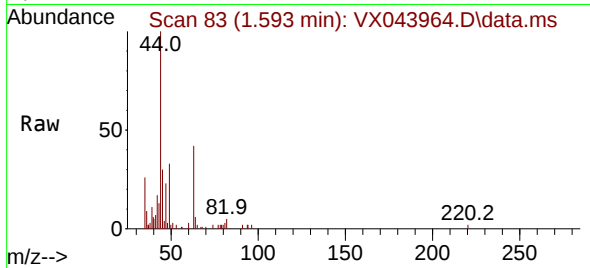




#5
 Bromomethane
 Concen: 0.401 ug/l
 RT: 1.593 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VX043964.D
 Acq: 22 Nov 2024 16:52

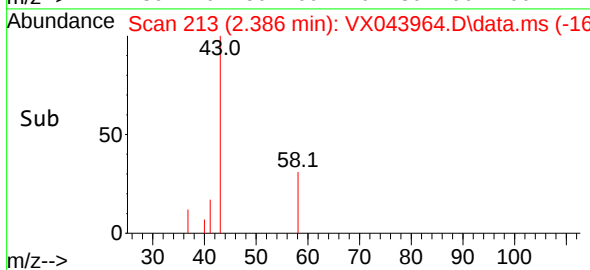
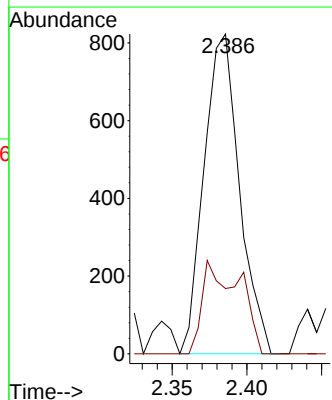
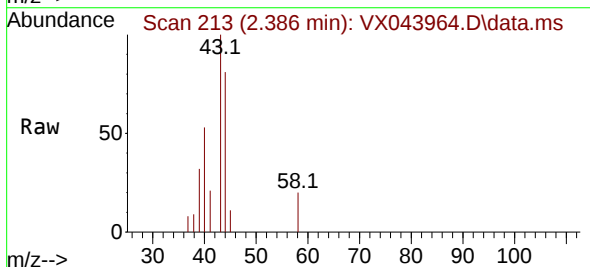
Instrument :
 MSVOA_X
 ClientSampleId :

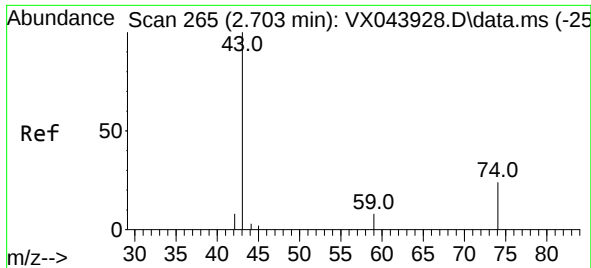
Tgt Ion: 94 Resp: 386
 Ion Ratio Lower Upper
 94 100
 96 79.0 73.9 110.9



#16
 Acetone
 Concen: 1.561 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. 0.006 min
 Lab File: VX043964.D
 Acq: 22 Nov 2024 16:52

Tgt Ion: 43 Resp: 1355
 Ion Ratio Lower Upper
 43 100
 58 20.4 22.7 34.1#

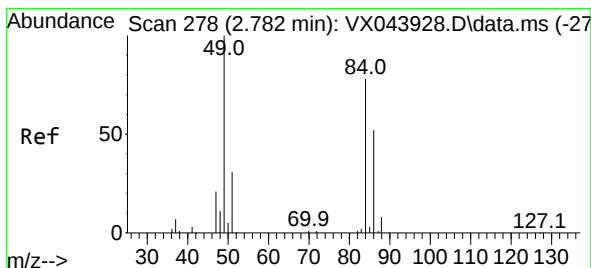
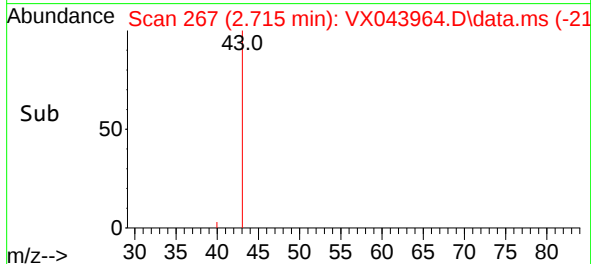
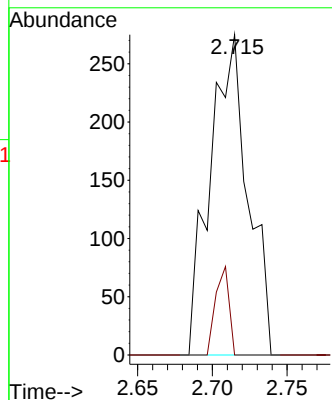
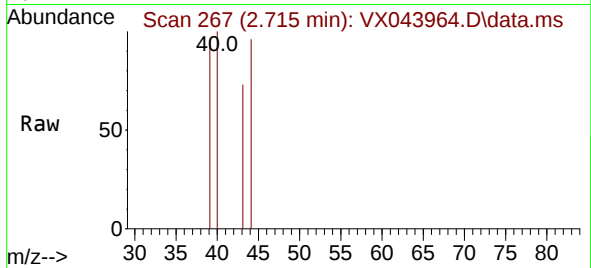




#18
Methyl Acetate
Concen: 0.241 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX043964.D
Acq: 22 Nov 2024 16:52

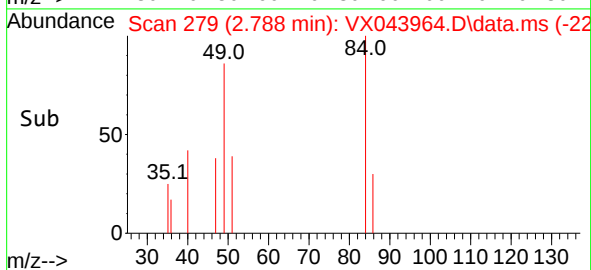
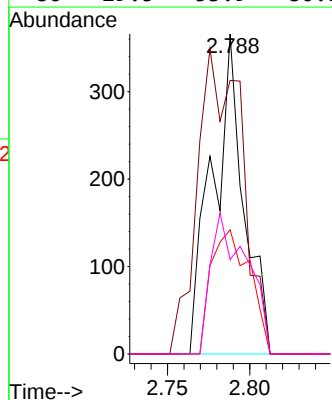
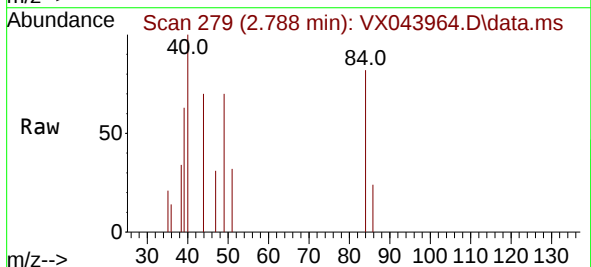
Instrument :
MSVOA_X
ClientSampleId :

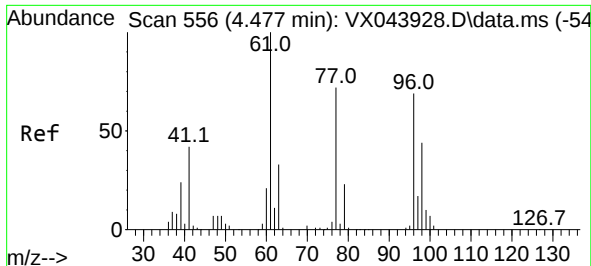
Tgt Ion: 43 Resp: 487
Ion Ratio Lower Upper
43 100
74 9.9 18.9 28.3#



#20
Methylene Chloride
Concen: 0.329 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX043964.D
Acq: 22 Nov 2024 16:52

Tgt Ion: 84 Resp: 485
Ion Ratio Lower Upper
84 100
49 85.5 102.7 154.1#
51 38.8 31.7 47.5
86 29.5 53.9 80.9#





#27

cis-1,2-Dichloroethene

Concen: 0.209 ug/l

RT: 4.501 min Scan# 50

Delta R.T. 0.024 min

Lab File: VX043964.D

Acq: 22 Nov 2024 16:52

Instrument :

MSVOA_X

ClientSampleId :

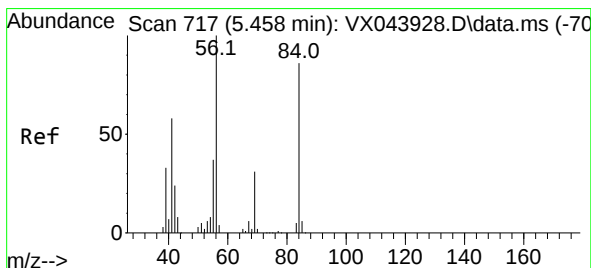
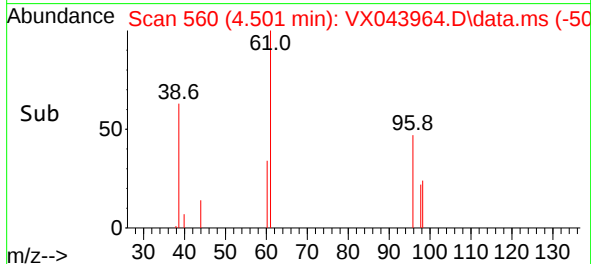
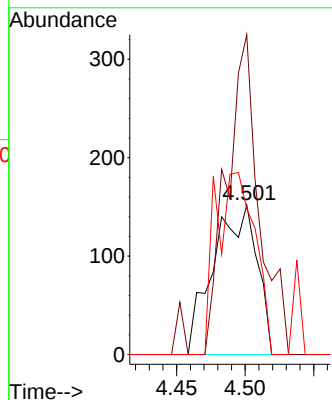
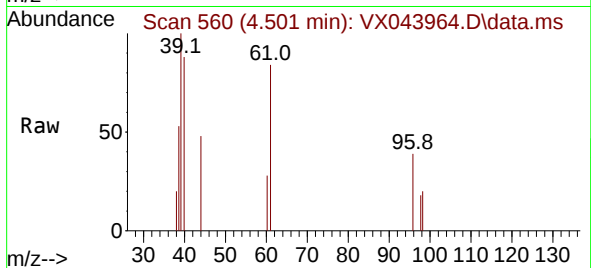
Tgt Ion: 96 Resp: 338

Ion Ratio Lower Upper

96 100

61 158.6 0.0 297.4

98 108.9 0.0 127.8



#31

Cyclohexane

Concen: 1.488 ug/l

RT: 5.538 min Scan# 730

Delta R.T. 0.079 min

Lab File: VX043964.D

Acq: 22 Nov 2024 16:52

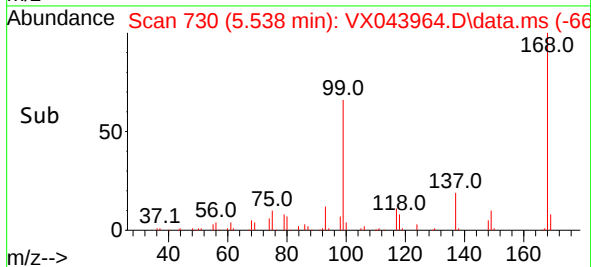
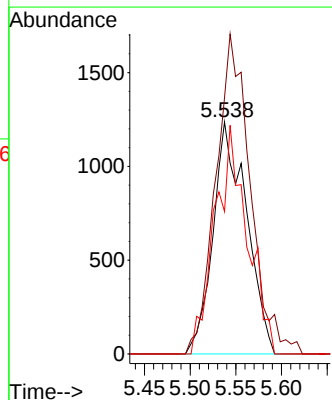
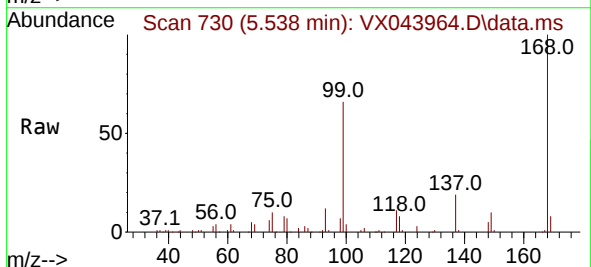
Tgt Ion: 56 Resp: 3135

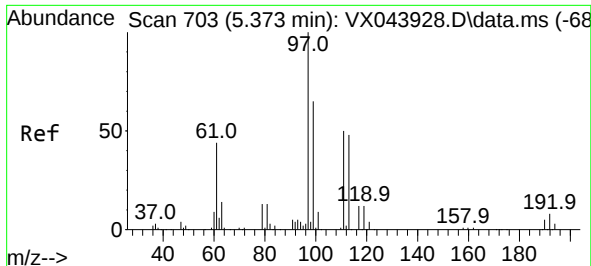
Ion Ratio Lower Upper

56 100

69 110.4 24.7 37.1#

84 61.4 68.7 103.1#

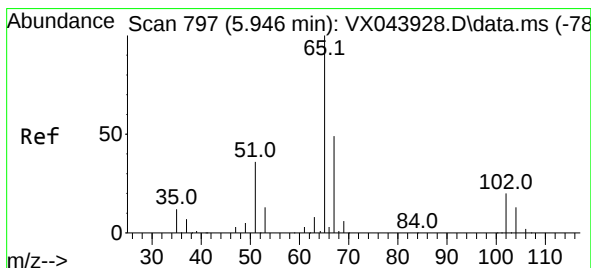
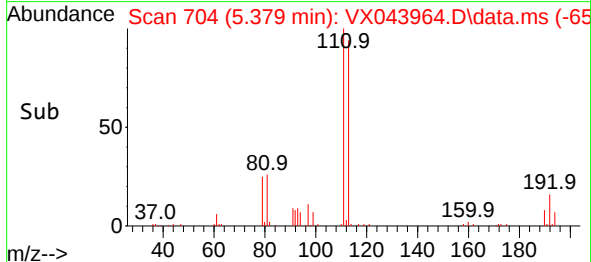
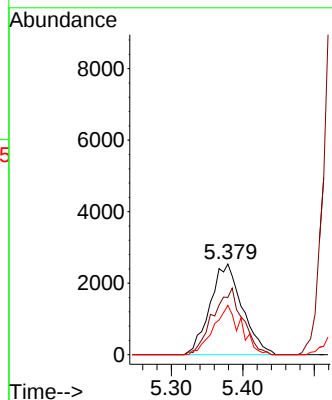
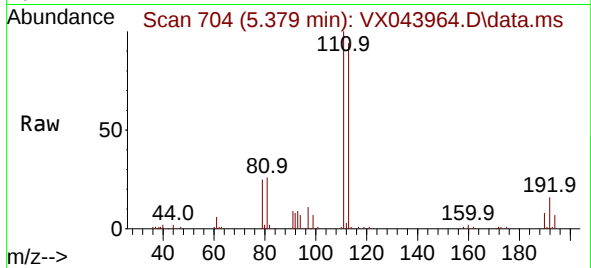




#32
1,1,1-Trichloroethane
Concen: 3.346 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX043964.D
Acq: 22 Nov 2024 16:52

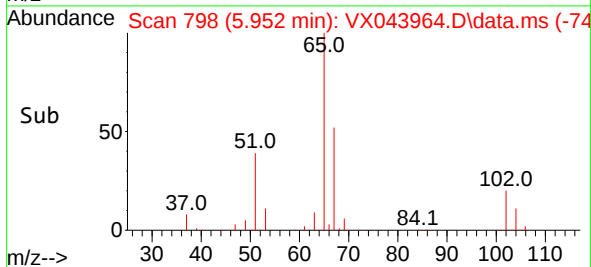
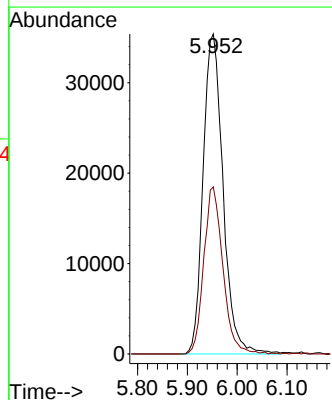
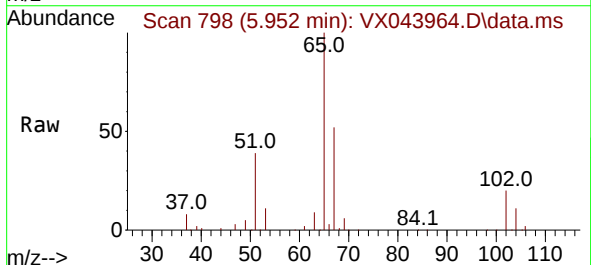
Instrument :
MSVOA_X
ClientSampleId :

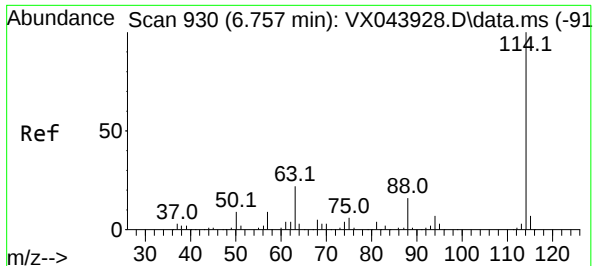
Tgt Ion: 97 Resp: 7945
Ion Ratio Lower Upper
97 100
99 67.4 50.8 76.2
61 46.8 35.4 53.2



#33
1,2-Dichloroethane-d4
Concen: 51.973 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX043964.D
Acq: 22 Nov 2024 16:52

Tgt Ion: 65 Resp: 98252
Ion Ratio Lower Upper
65 100
67 50.1 0.0 100.8

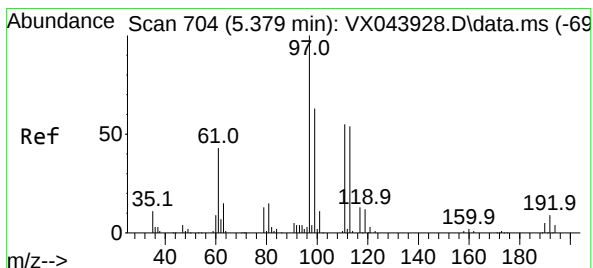
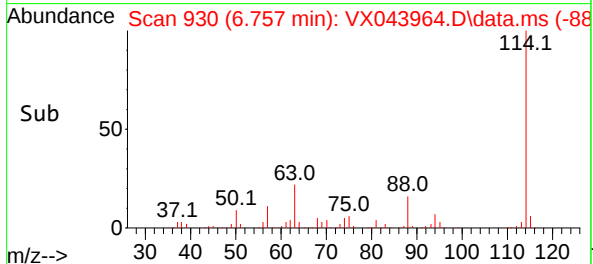
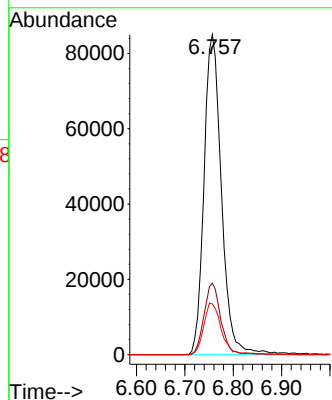
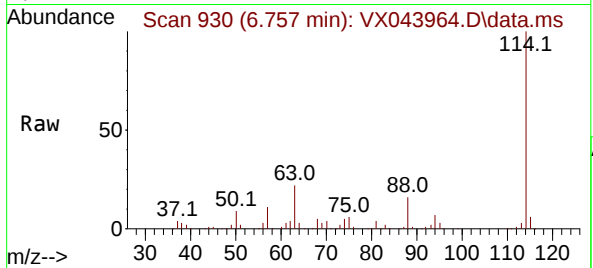




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX043964.D
Acq: 22 Nov 2024 16:52

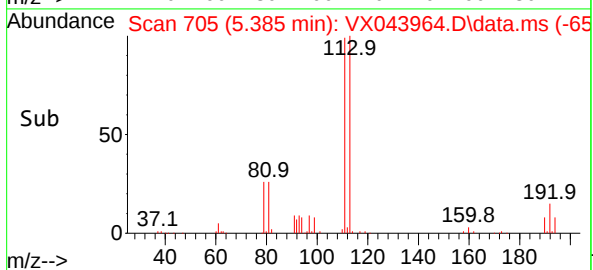
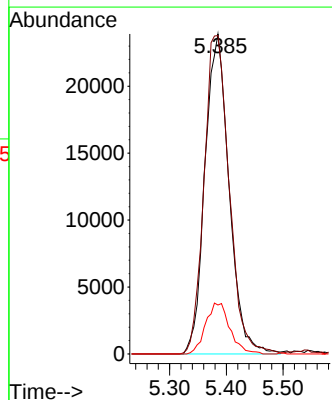
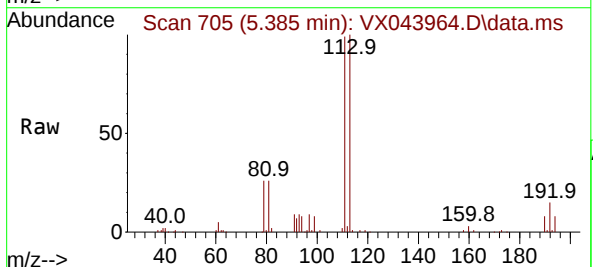
Instrument :
MSVOA_X
ClientSampleId :

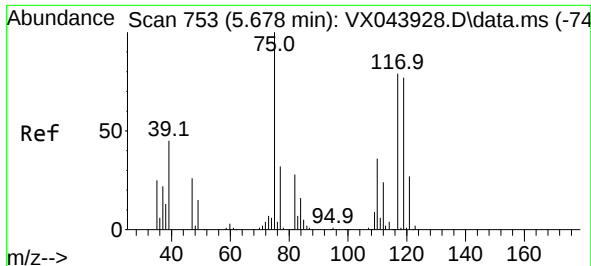
Tgt Ion:114 Resp: 212874
Ion Ratio Lower Upper
114 100
63 22.4 0.0 44.0
88 15.8 0.0 32.4



#35
Dibromofluoromethane
Concen: 46.467 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX043964.D
Acq: 22 Nov 2024 16:52

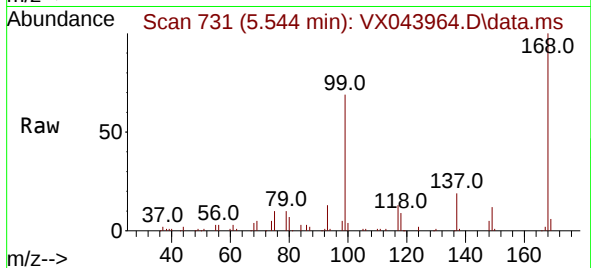
Tgt Ion:113 Resp: 70681
Ion Ratio Lower Upper
113 100
111 103.3 81.0 121.4
192 16.0 13.0 19.6



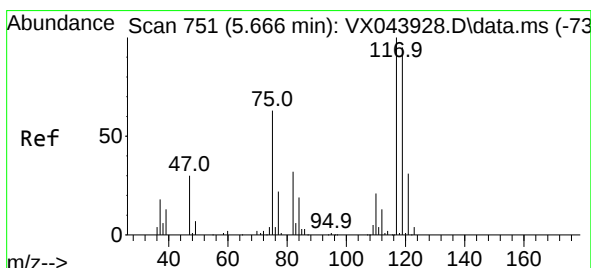
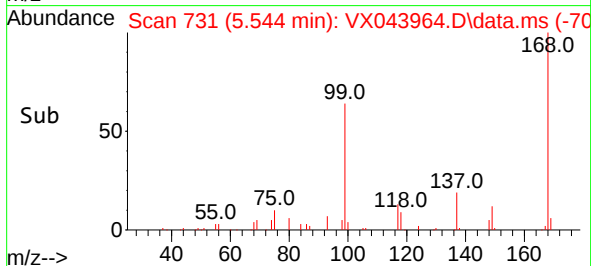
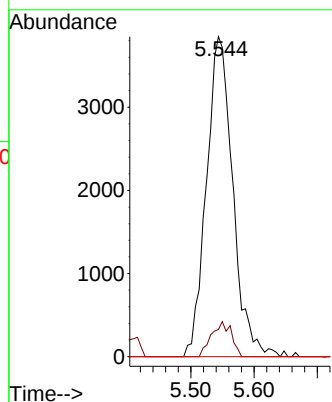


#36
1,1-Dichloropropene
Concen: 5.879 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX043964.D
Acq: 22 Nov 2024 16:52

Instrument :
MSVOA_X
ClientSampleId :

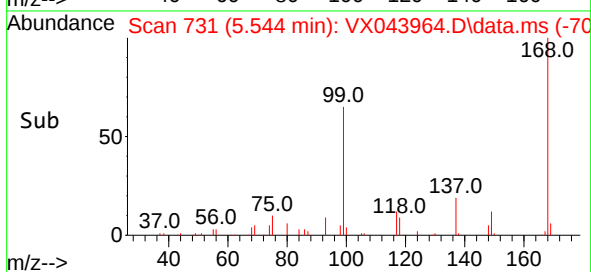
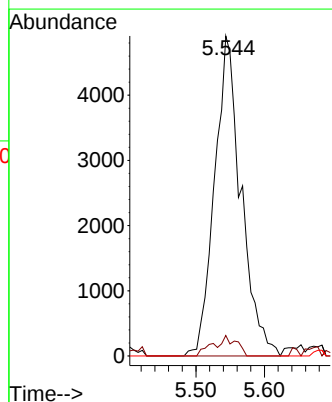
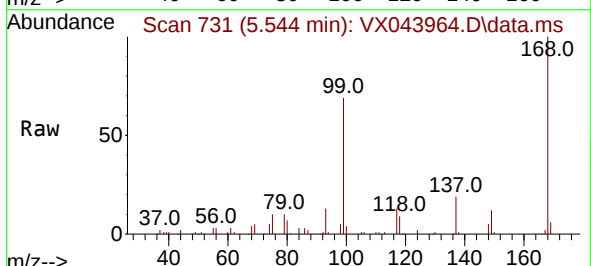


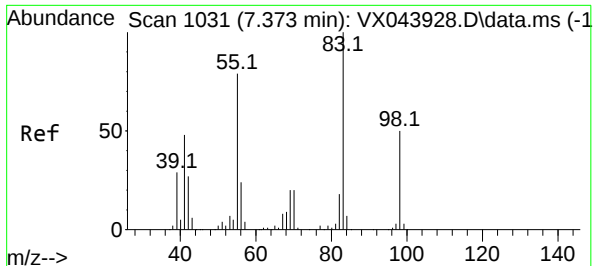
Tgt Ion: 75 Resp: 11143
Ion Ratio Lower Upper
75 100
110 8.2 17.4 52.2#
77 0.0 25.8 38.8#



#38
Carbon Tetrachloride
Concen: 6.182 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.122 min
Lab File: VX043964.D
Acq: 22 Nov 2024 16:52

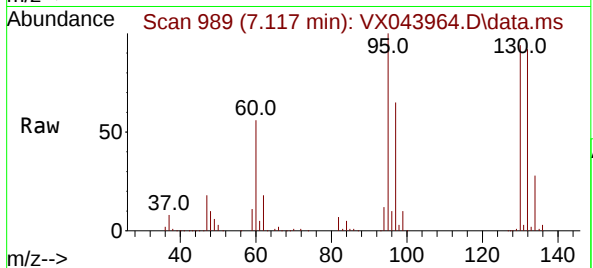
Tgt Ion: 117 Resp: 13167
Ion Ratio Lower Upper
117 100
119 6.4 75.2 112.8#
121 0.0 24.5 36.7#



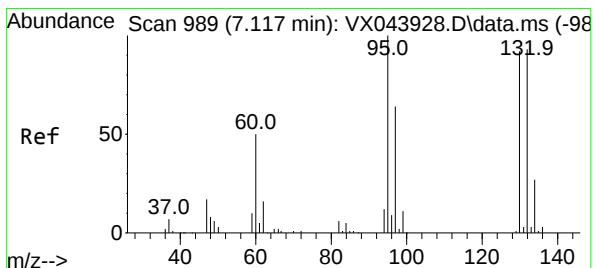
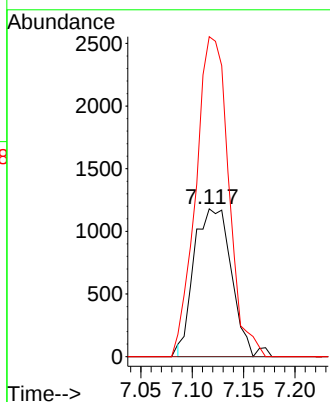
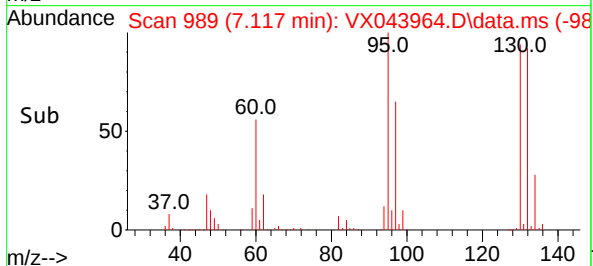


#39
Methylcyclohexane
Concen: 1.214 ug/l
RT: 7.117 min Scan# 91
Delta R.T. -0.256 min
Lab File: VX043964.D
Acq: 22 Nov 2024 16:52

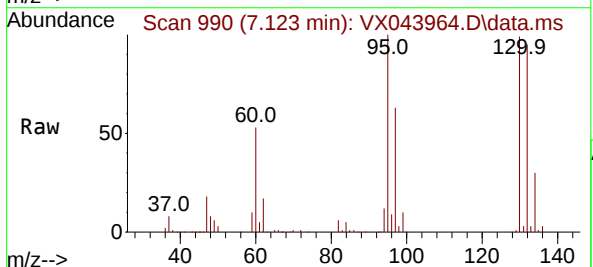
Instrument :
MSVOA_X
ClientSampleId :



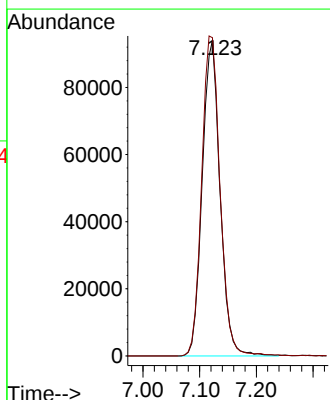
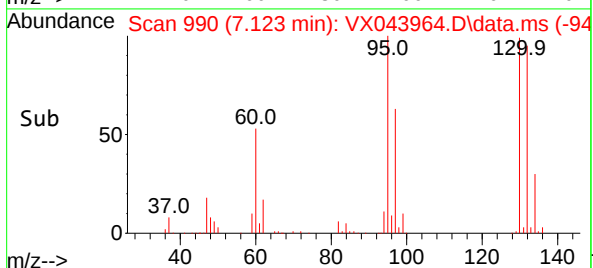
Tgt Ion: 83 Resp: 2989
Ion Ratio Lower Upper
83 100
55 0.0 63.1 94.7#
98 216.4 40.0 60.0#

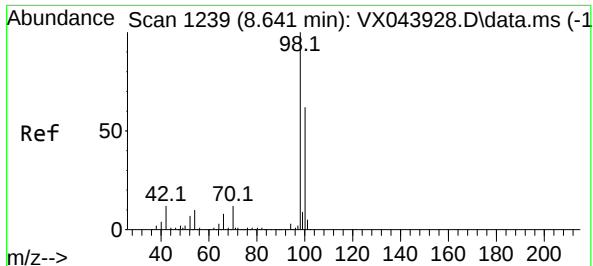


#44
Trichloroethene
Concen: 122.602 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX043964.D
Acq: 22 Nov 2024 16:52



Tgt Ion:130 Resp: 204919
Ion Ratio Lower Upper
130 100
95 100.8 0.0 217.8

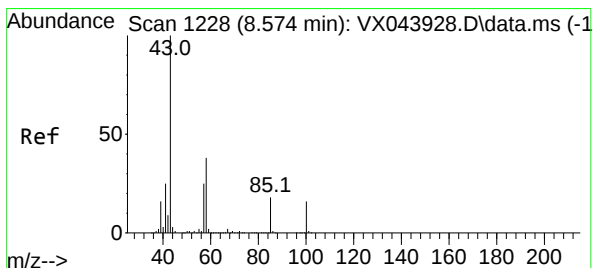
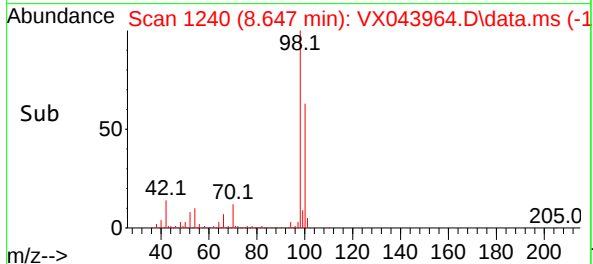
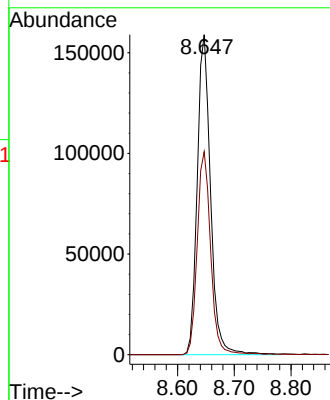
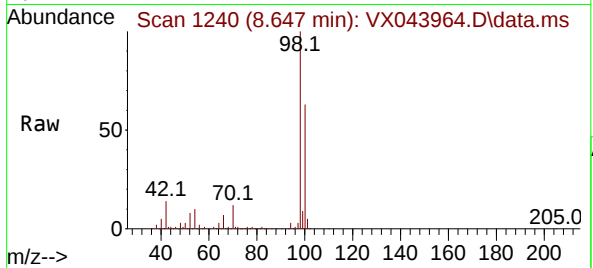




#50
Toluene-d8
Concen: 49.410 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043964.D
Acq: 22 Nov 2024 16:52

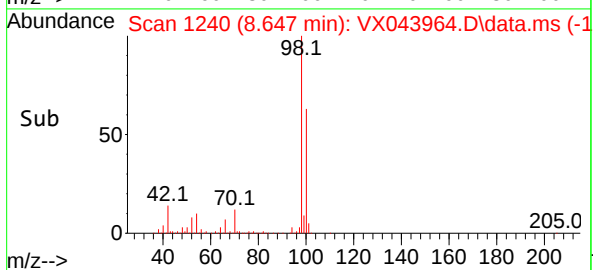
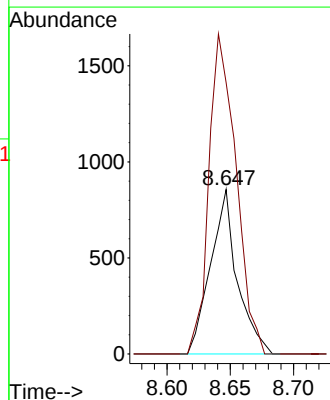
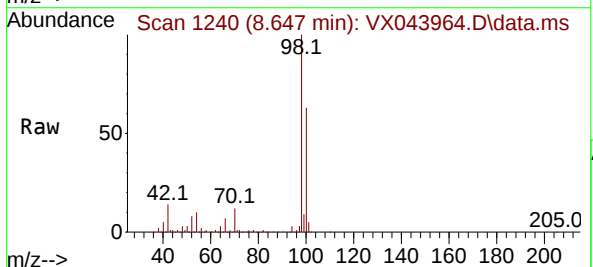
Instrument :
MSVOA_X
ClientSampleId :

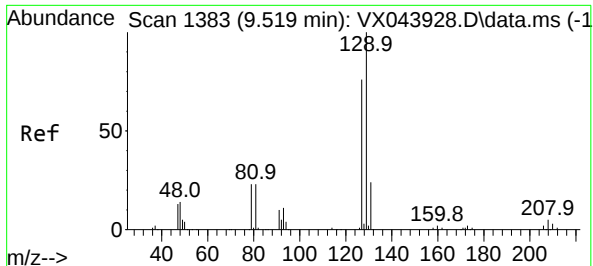
Tgt Ion: 98 Resp: 259074
Ion Ratio Lower Upper
98 100
100 63.9 52.6 79.0



#51
4-Methyl-2-Pentanone
Concen: 0.552 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX043964.D
Acq: 22 Nov 2024 16:52

Tgt Ion: 43 Resp: 1261
Ion Ratio Lower Upper
43 100
58 197.5 30.0 45.0#

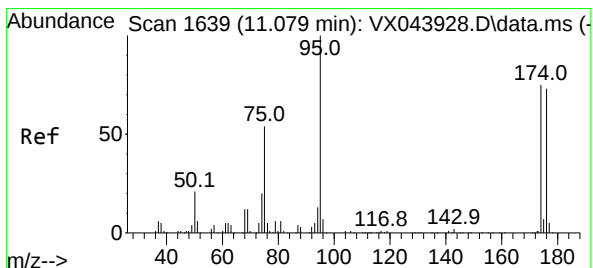
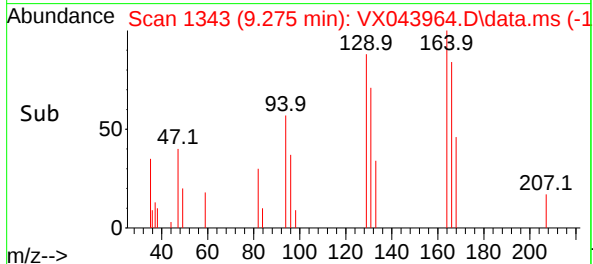
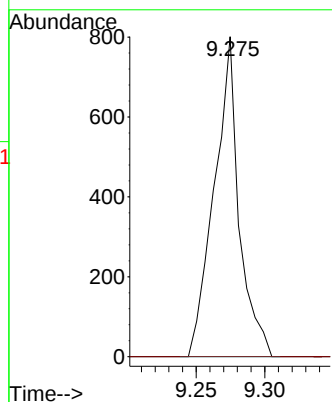
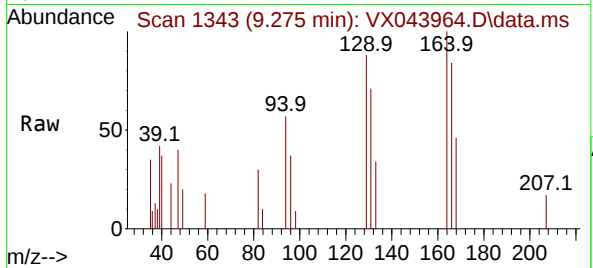




#60
Dibromochloromethane
Concen: 0.689 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX043964.D
Acq: 22 Nov 2024 16:52

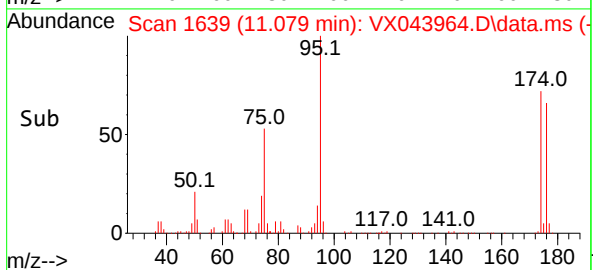
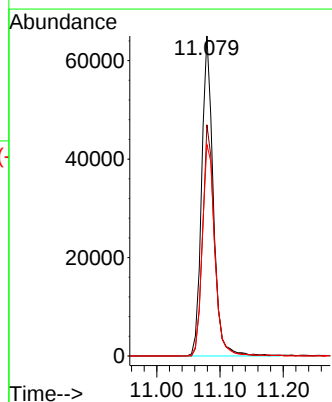
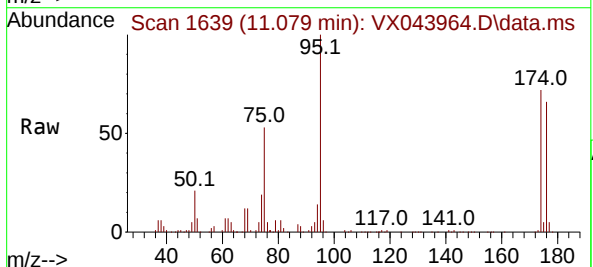
Instrument :
MSVOA_X
ClientSampleId :

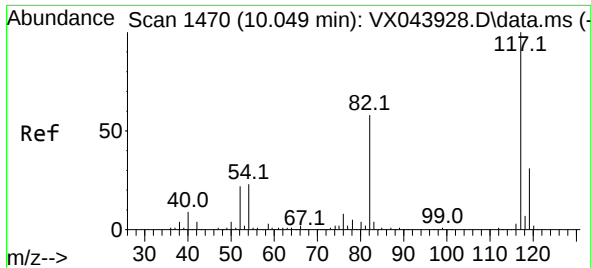
Tgt Ion:129 Resp: 1008
Ion Ratio Lower Upper
129 100
127 0.0 38.2 114.6#



#62
4-Bromofluorobenzene
Concen: 46.635 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043964.D
Acq: 22 Nov 2024 16:52

Tgt Ion: 95 Resp: 83219
Ion Ratio Lower Upper
95 100
174 73.2 0.0 150.4
176 71.2 0.0 146.0

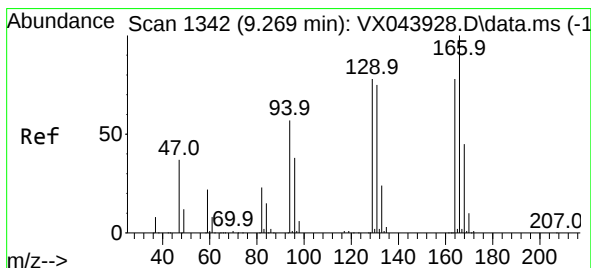
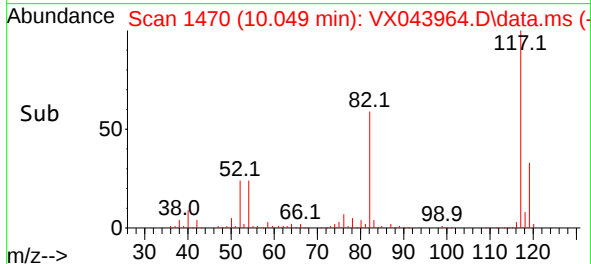
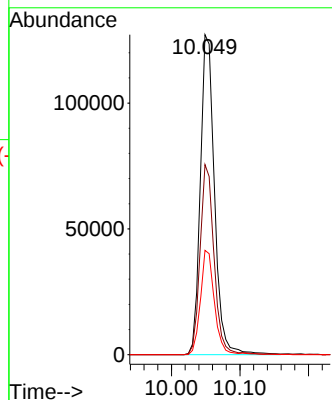
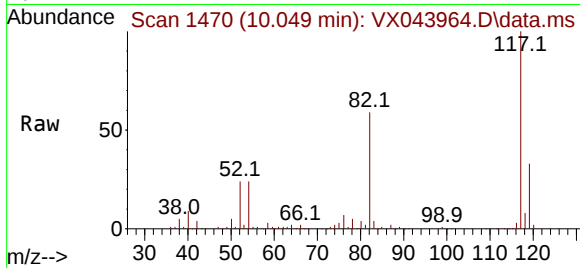




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX043964.D
Acq: 22 Nov 2024 16:52

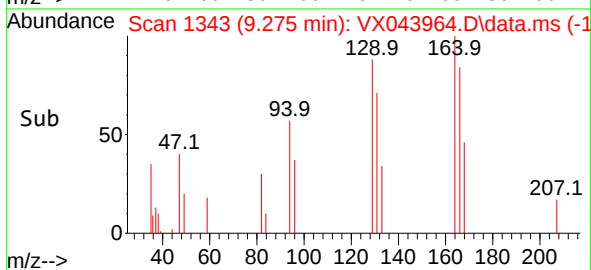
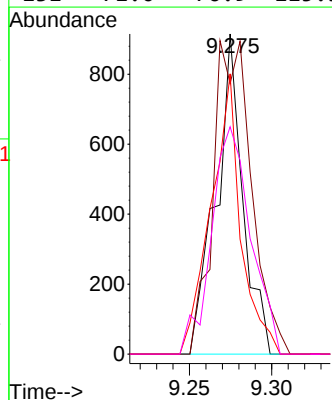
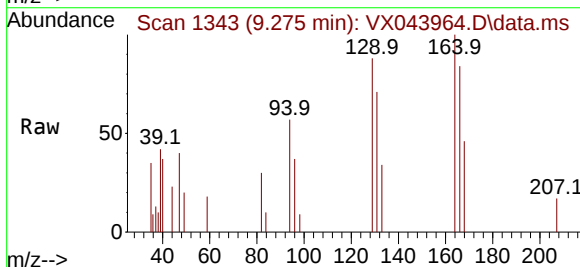
Instrument :
MSVOA_X
ClientSampleId :

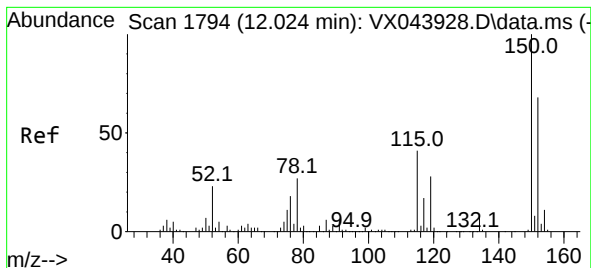
Tgt Ion:117 Resp: 183450
Ion Ratio Lower Upper
117 100
82 59.4 46.4 69.6
119 32.6 24.6 37.0



#64
Tetrachloroethene
Concen: 0.863 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX043964.D
Acq: 22 Nov 2024 16:52

Tgt Ion:164 Resp: 1044
Ion Ratio Lower Upper
164 100
166 84.5 102.1 153.1#
129 87.5 79.6 119.4
131 71.0 76.9 115.3#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX043964.D

Acq: 22 Nov 2024 16:52

Instrument :

MSVOA_X

ClientSampleId :

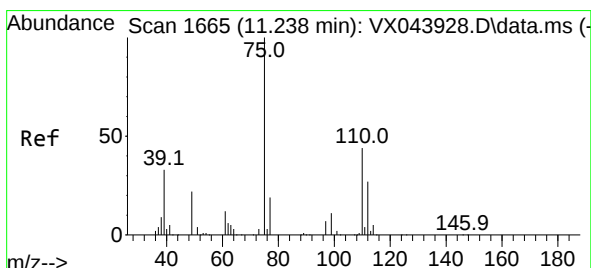
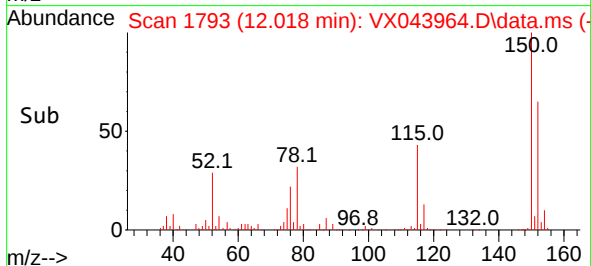
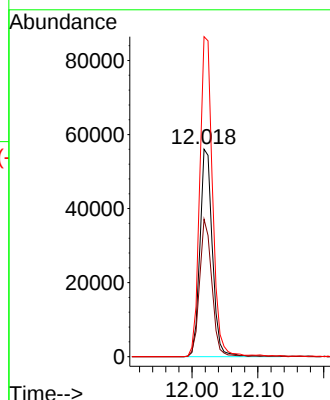
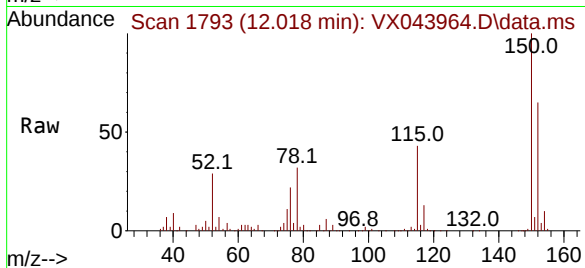
Tgt Ion:152 Resp: 74078

Ion Ratio Lower Upper

152 100

115 65.1 45.4 136.2

150 157.6 0.0 353.0



#76

1,2,3-Trichloropropane

Concen: 29.175 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX043964.D

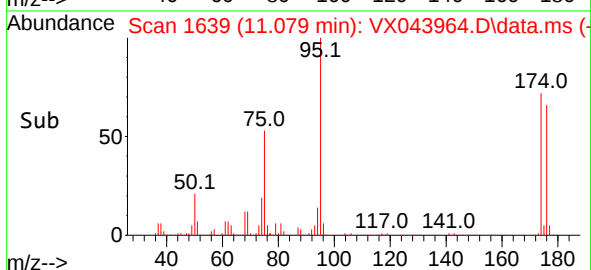
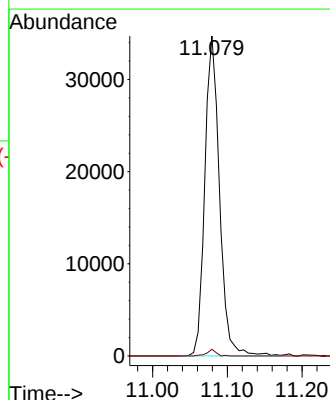
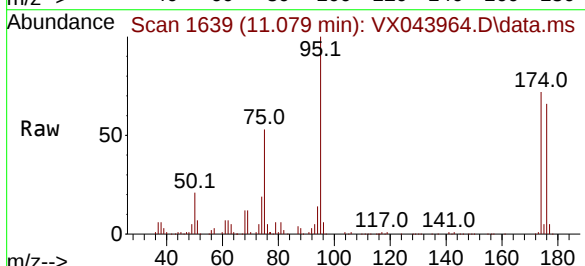
Acq: 22 Nov 2024 16:52

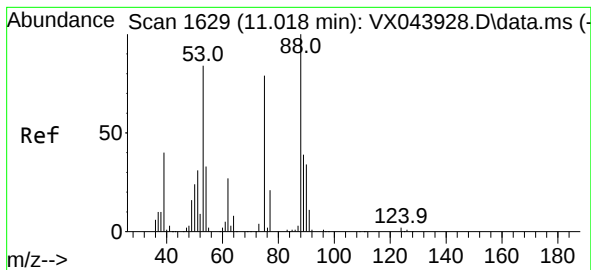
Tgt Ion: 75 Resp: 47395

Ion Ratio Lower Upper

75 100

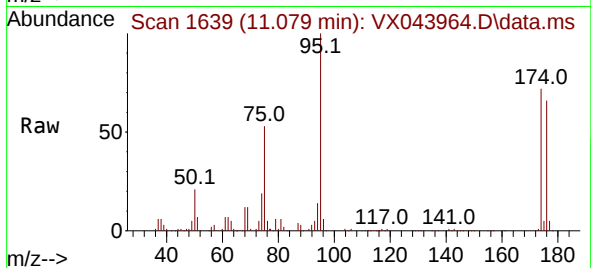
77 1.3 21.8 65.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.611 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX043964.D
 Acq: 22 Nov 2024 16:52

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 47395
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.7 130.1#
 89 0.1 38.2 57.2#

