

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
 Data File : VX044131.D
 Acq On : 04 Dec 2024 20:44
 Operator : JC/MD
 Sample : P5093-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 05 00:38:25 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)

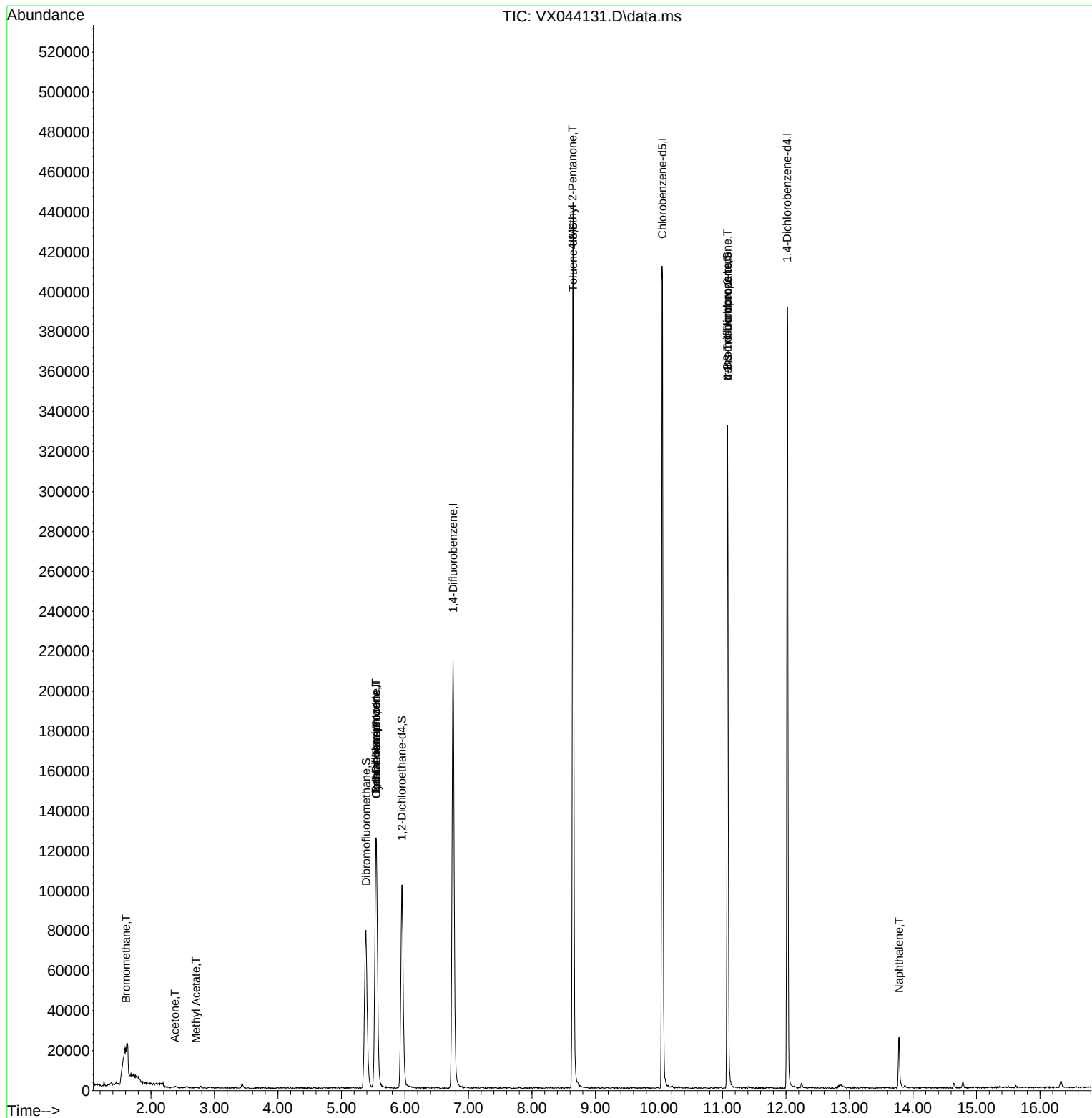
Internal Standards						
1) Pentafluorobenzene	5.544	168	106401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	205400	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	75267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95934	52.568	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.140%			
35) Dibromofluoromethane	5.385	113	67460	45.963	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.920%			
50) Toluene-d8	8.647	98	253866	50.178	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.360%			
62) 4-Bromofluorobenzene	11.079	95	84962	49.345	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.680%			
Target Compounds						Qvalue
5) Bromomethane	1.605	94	415	0.447	ug/l	85
16) Acetone	2.380	43	1115	1.330	ug/l	90
18) Methyl Acetate	2.709	43	427	0.219	ug/l #	52
31) Cyclohexane	5.550	56	3226	1.586	ug/l #	35
36) 1,1-Dichloropropene	5.544	75	10410	5.692	ug/l #	47
38) Carbon Tetrachloride	5.550	117	13327	6.485	ug/l #	16
51) 4-Methyl-2-Pentanone	8.641	43	1462	0.663	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	50355	30.507	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	50355	83.247	ug/l #	7
95) Naphthalene	13.780	128	18638	3.462	ug/l	98

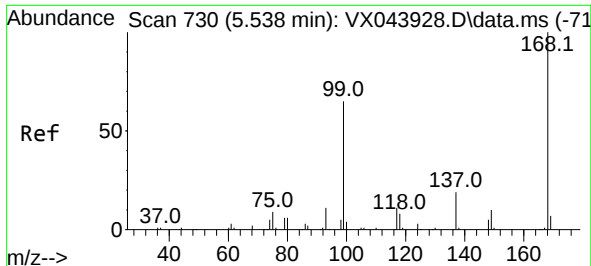
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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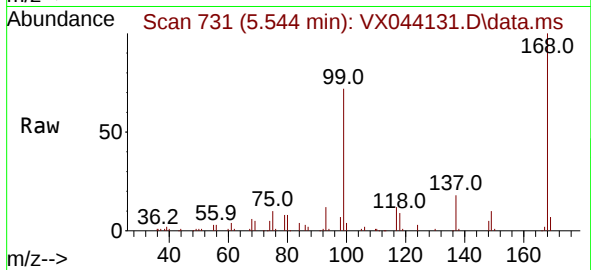
Quant Time: Dec 05 00:38:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
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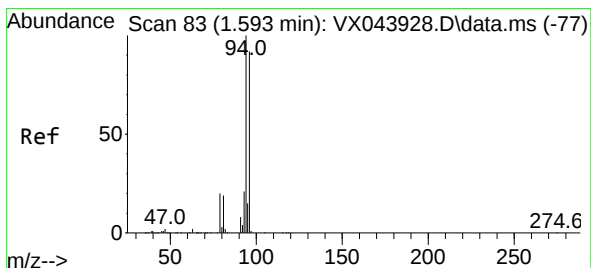
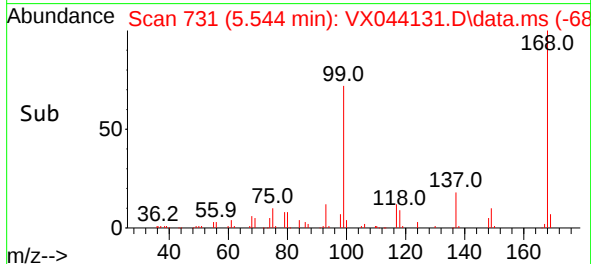
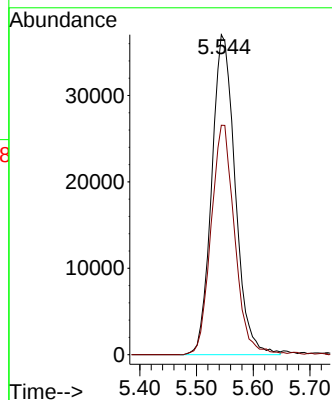


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX044131.D
Acq: 04 Dec 2024 20:44

Instrument :
MSVOA_X
ClientSampleId :

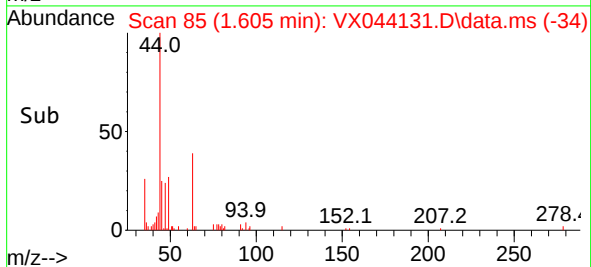
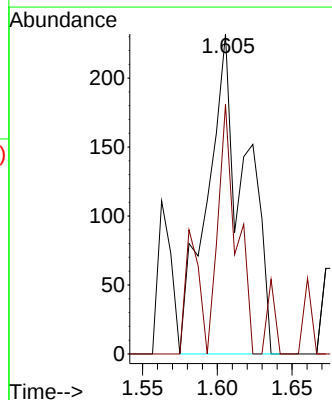
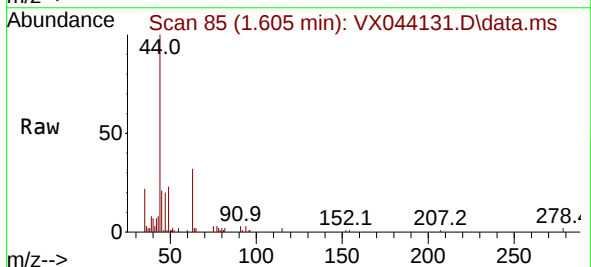


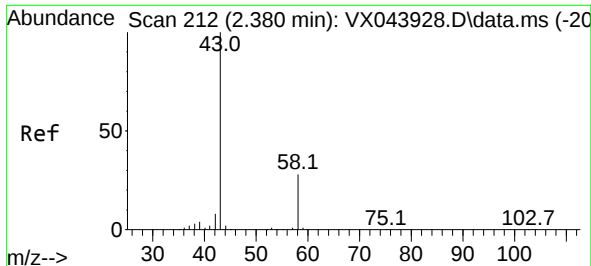
Tgt Ion:168 Resp: 106401
Ion Ratio Lower Upper
168 100
99 71.7 51.8 77.8



#5
Bromomethane
Concen: 0.447 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.012 min
Lab File: VX044131.D
Acq: 04 Dec 2024 20:44

Tgt Ion: 94 Resp: 415
Ion Ratio Lower Upper
94 100
96 78.0 73.9 110.9





#16

Acetone

Concen: 1.330 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX044131.D

Acq: 04 Dec 2024 20:44

Instrument :

MSVOA_X

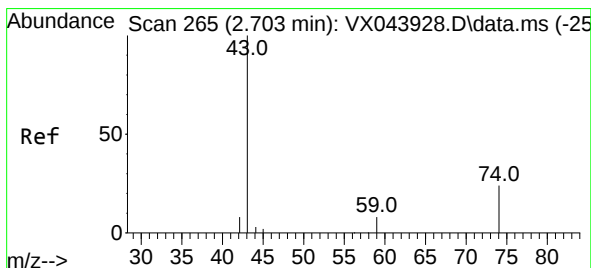
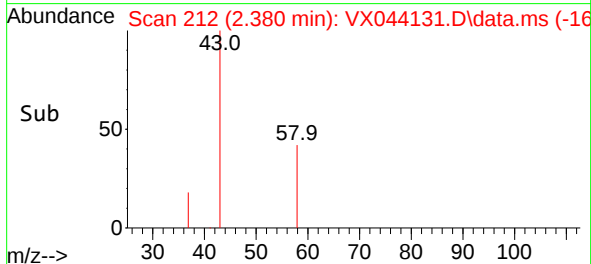
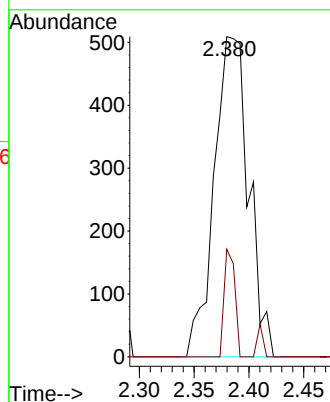
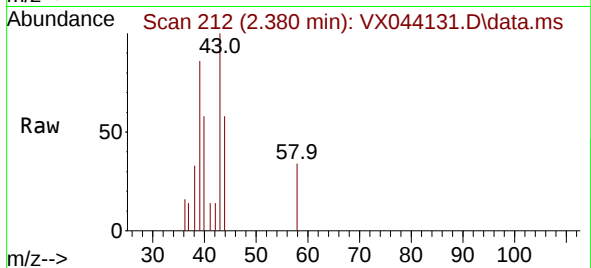
ClientSampleId :

Tgt Ion: 43 Resp: 1115

Ion Ratio Lower Upper

43 100

58 33.6 22.7 34.1



#18

Methyl Acetate

Concen: 0.219 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.006 min

Lab File: VX044131.D

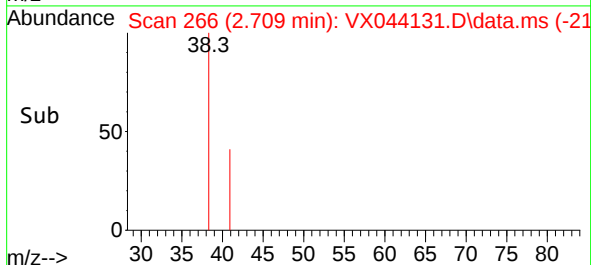
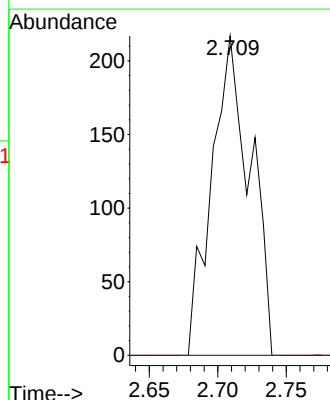
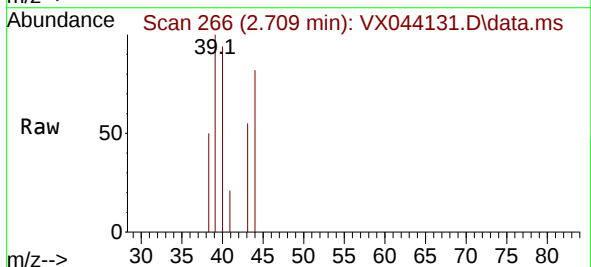
Acq: 04 Dec 2024 20:44

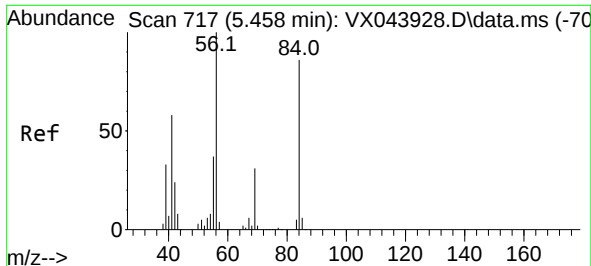
Tgt Ion: 43 Resp: 427

Ion Ratio Lower Upper

43 100

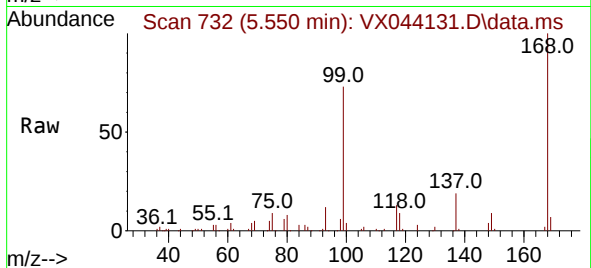
74 0.0 18.9 28.3#



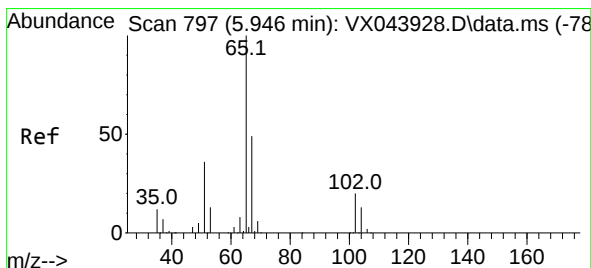
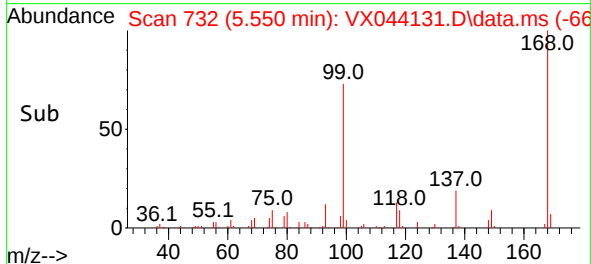
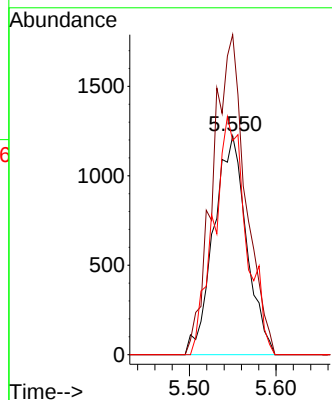


#31
Cyclohexane
Concen: 1.586 ug/l
RT: 5.550 min Scan# 717
Delta R.T. 0.091 min
Lab File: VX044131.D
Acq: 04 Dec 2024 20:44

Instrument :
MSVOA_X
ClientSampleId :

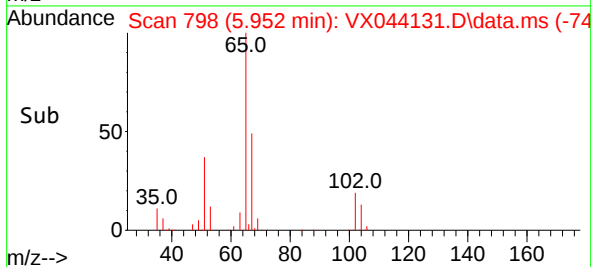
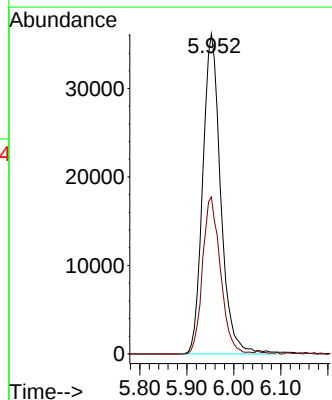
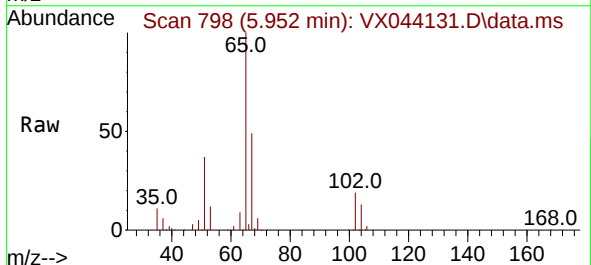


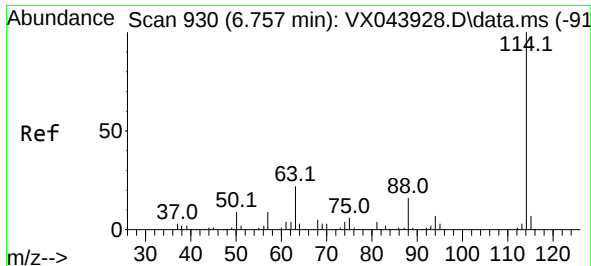
Tgt Ion: 56 Resp: 3226
Ion Ratio Lower Upper
56 100
69 146.3 24.7 37.1#
84 97.9 68.7 103.1



#33
1,2-Dichloroethane-d4
Concen: 52.568 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX044131.D
Acq: 04 Dec 2024 20:44

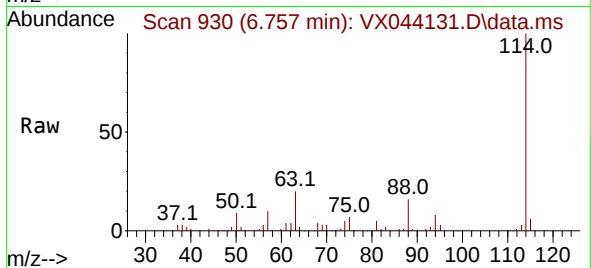
Tgt Ion: 65 Resp: 95934
Ion Ratio Lower Upper
65 100
67 48.8 0.0 100.8



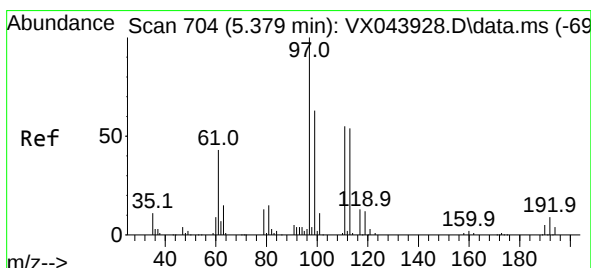
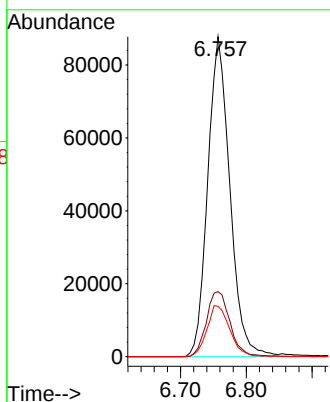
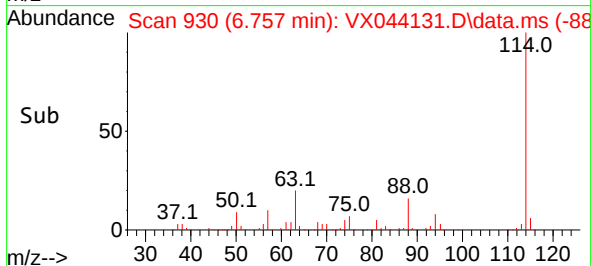


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044131.D
Acq: 04 Dec 2024 20:44

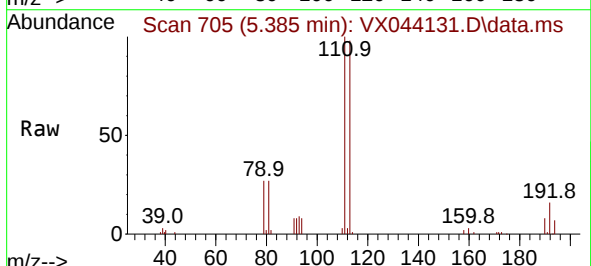
Instrument :
MSVOA_X
ClientSampleId :



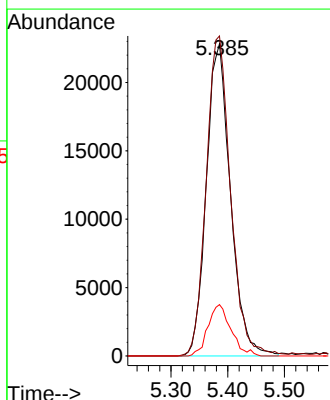
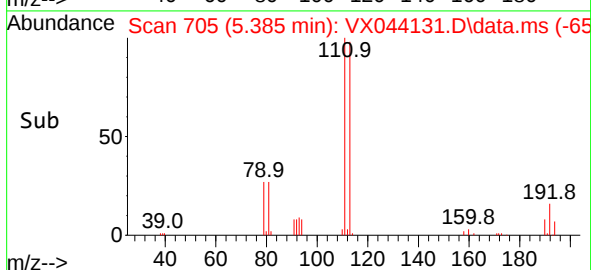
Tgt Ion:114 Resp: 205400
Ion Ratio Lower Upper
114 100
63 20.4 0.0 44.0
88 15.7 0.0 32.4

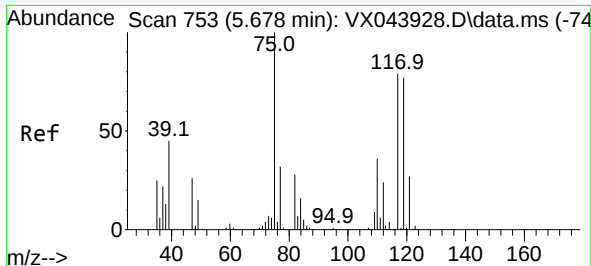


#35
Dibromofluoromethane
Concen: 45.963 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX044131.D
Acq: 04 Dec 2024 20:44



Tgt Ion:113 Resp: 67460
Ion Ratio Lower Upper
113 100
111 103.6 81.0 121.4
192 15.7 13.0 19.6





#36

1,1-Dichloropropene

Concen: 5.692 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.134 min

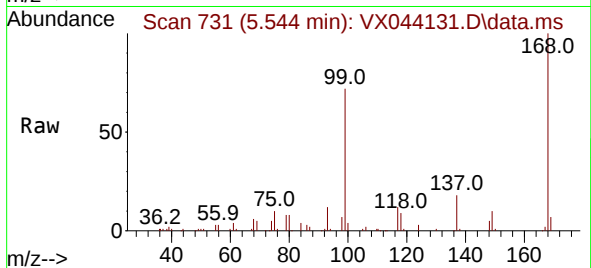
Lab File: VX044131.D

Acq: 04 Dec 2024 20:44

Instrument :

MSVOA_X

ClientSampleId :



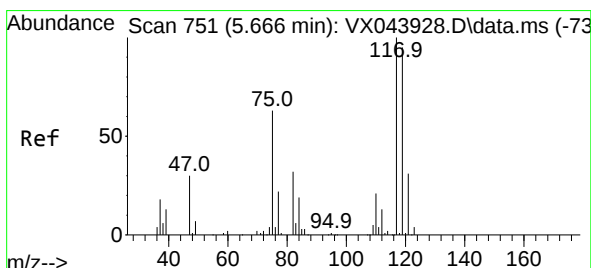
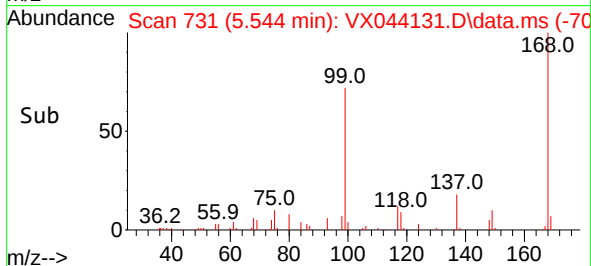
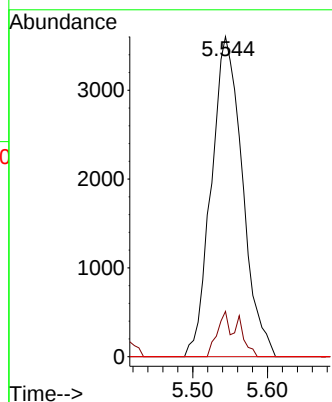
Tgt Ion: 75 Resp: 10410

Ion Ratio Lower Upper

75 100

110 6.4 17.4 52.2#

77 0.0 25.8 38.8#



#38

Carbon Tetrachloride

Concen: 6.485 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.116 min

Lab File: VX044131.D

Acq: 04 Dec 2024 20:44

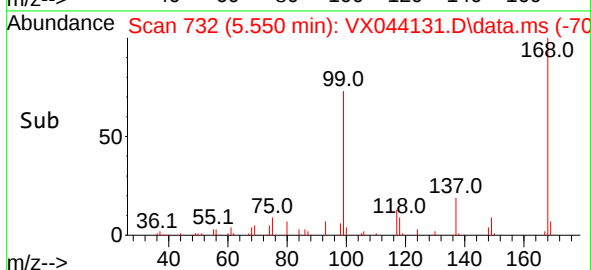
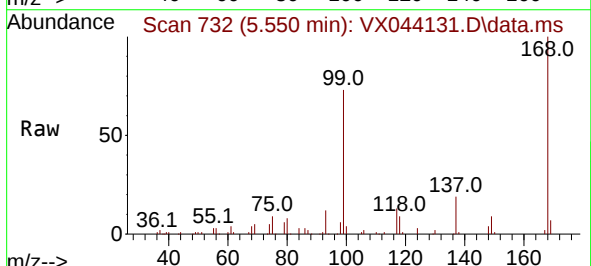
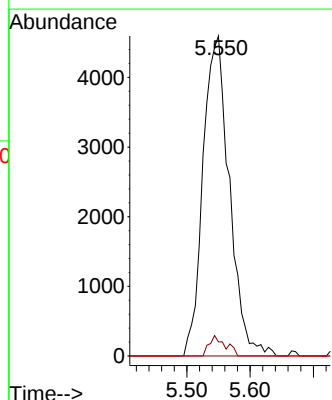
Tgt Ion: 117 Resp: 13327

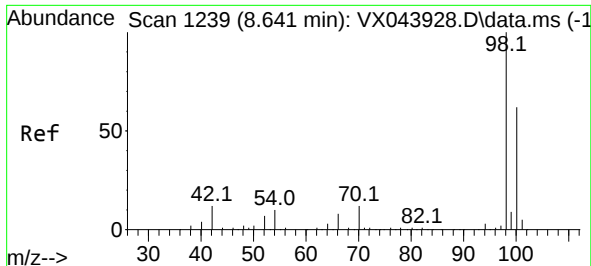
Ion Ratio Lower Upper

117 100

119 4.4 75.2 112.8#

121 0.0 24.5 36.7#

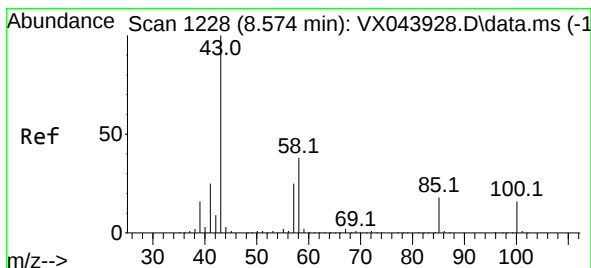
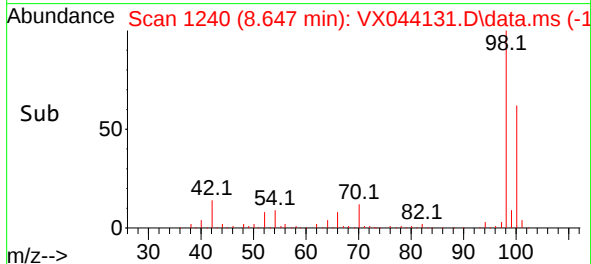
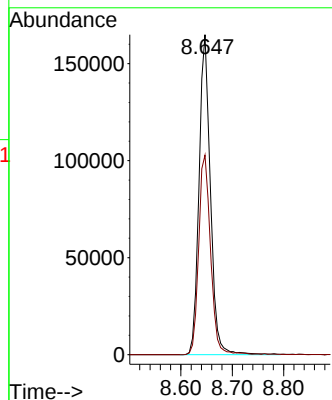
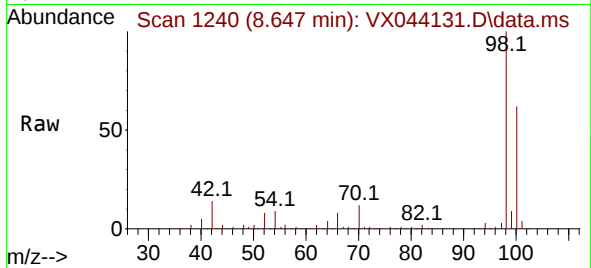




#50
Toluene-d8
Concen: 50.178 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044131.D
Acq: 04 Dec 2024 20:44

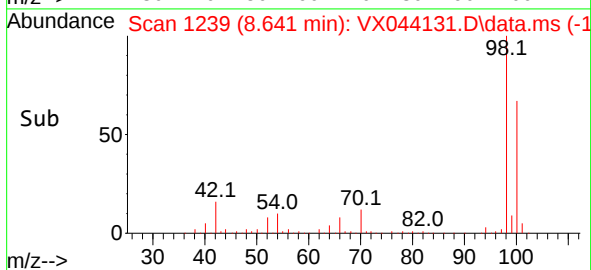
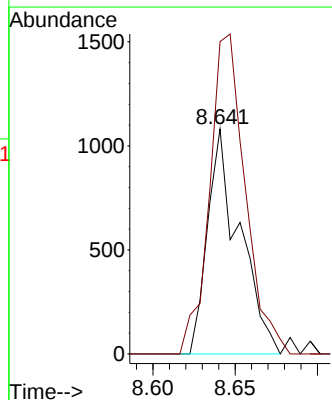
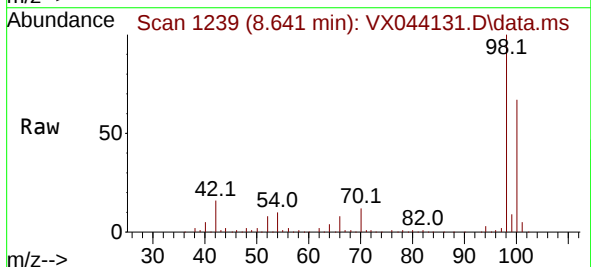
Instrument :
MSVOA_X
ClientSampleId :

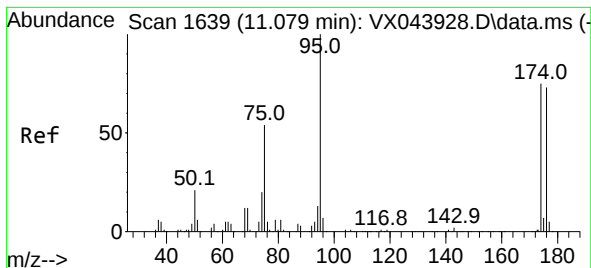
Tgt Ion: 98 Resp: 253866
Ion Ratio Lower Upper
98 100
100 65.3 52.6 79.0



#51
4-Methyl-2-Pentanone
Concen: 0.663 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX044131.D
Acq: 04 Dec 2024 20:44

Tgt Ion: 43 Resp: 1462
Ion Ratio Lower Upper
43 100
58 158.3 30.0 45.0#

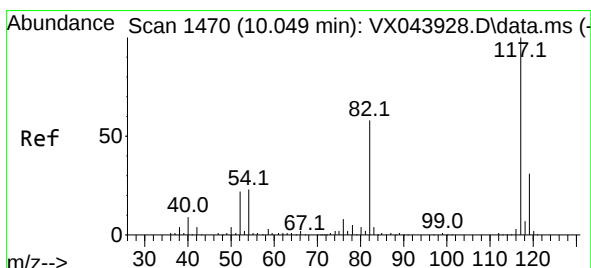
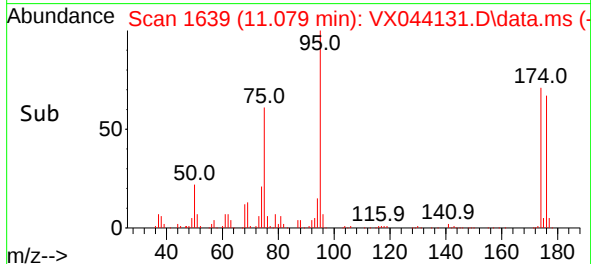
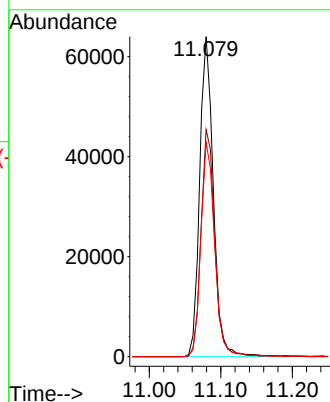
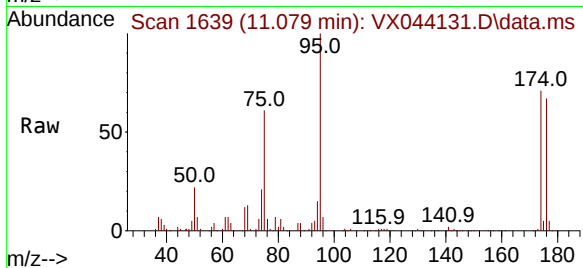




#62
4-Bromofluorobenzene
Concen: 49.345 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044131.D
Acq: 04 Dec 2024 20:44

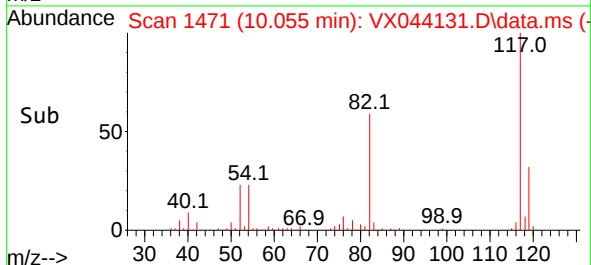
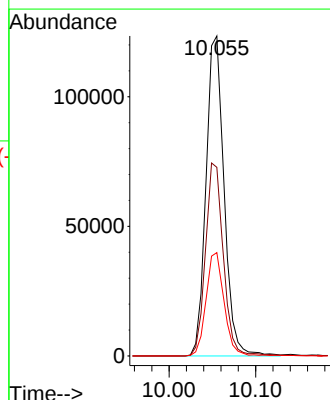
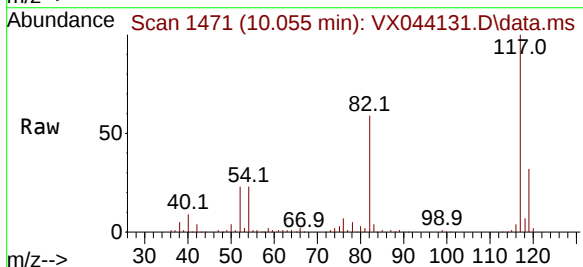
Instrument :
MSVOA_X
ClientSampleId :

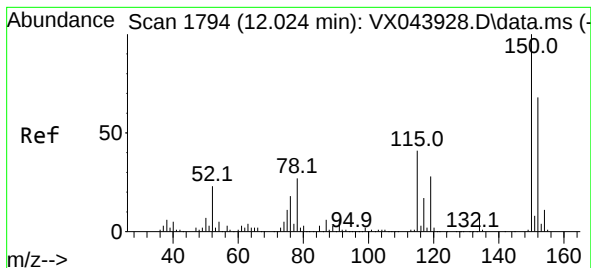
Tgt Ion: 95 Resp: 84962
Ion Ratio Lower Upper
95 100
174 71.1 0.0 150.4
176 67.2 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044131.D
Acq: 04 Dec 2024 20:44

Tgt Ion: 117 Resp: 179121
Ion Ratio Lower Upper
117 100
82 58.9 46.4 69.6
119 32.3 24.6 37.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX044131.D

Acq: 04 Dec 2024 20:44

Instrument :

MSVOA_X

ClientSampleId :

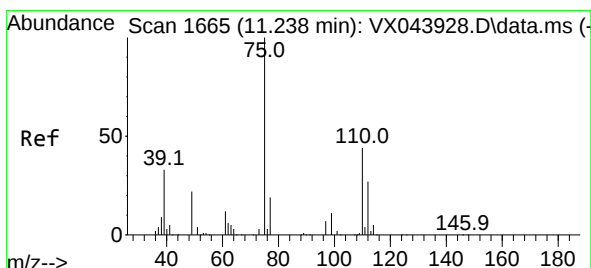
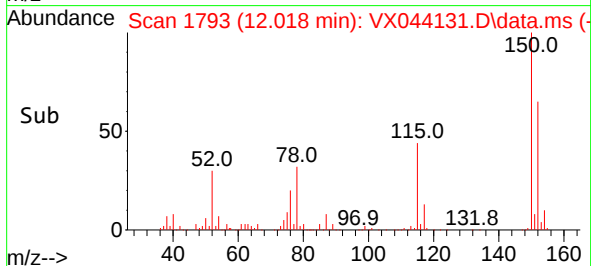
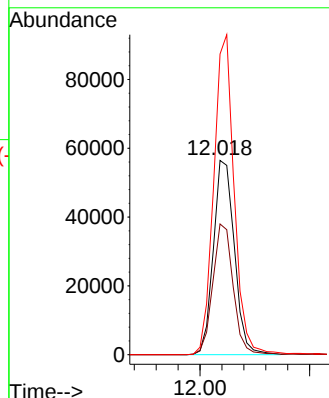
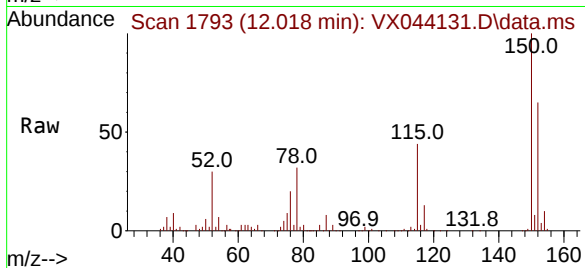
Tgt Ion:152 Resp: 75267

Ion Ratio Lower Upper

152 100

115 65.4 45.4 136.2

150 160.5 0.0 353.0



#76

1,2,3-Trichloropropane

Concen: 30.507 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044131.D

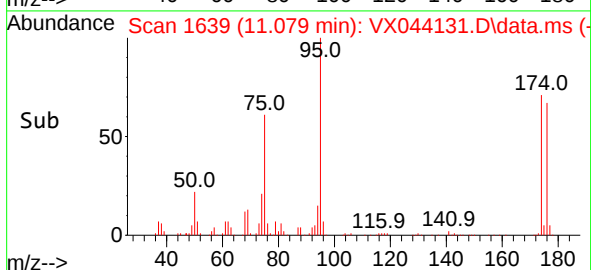
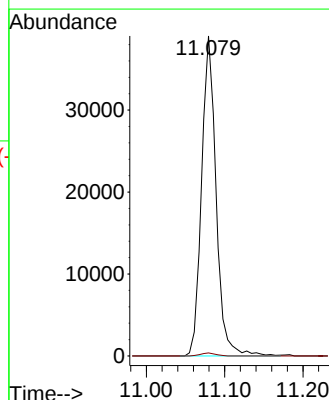
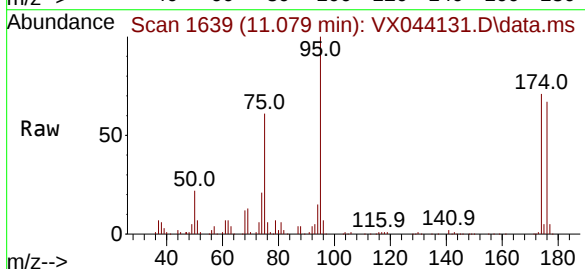
Acq: 04 Dec 2024 20:44

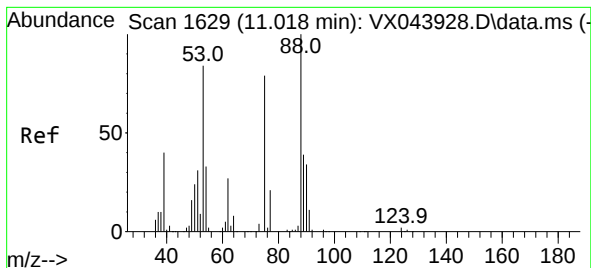
Tgt Ion: 75 Resp: 50355

Ion Ratio Lower Upper

75 100

77 1.0 21.8 65.3#

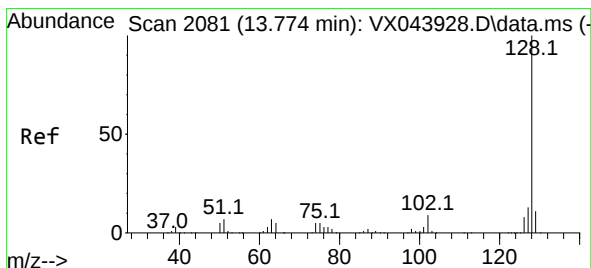
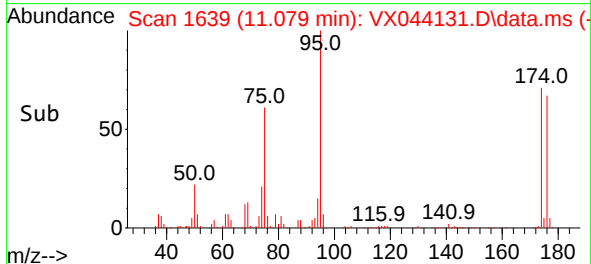
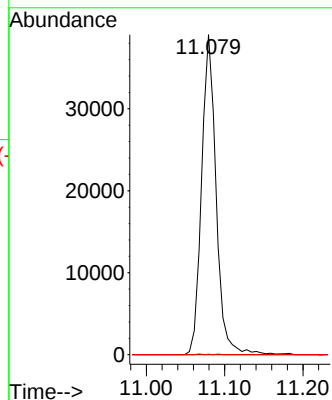
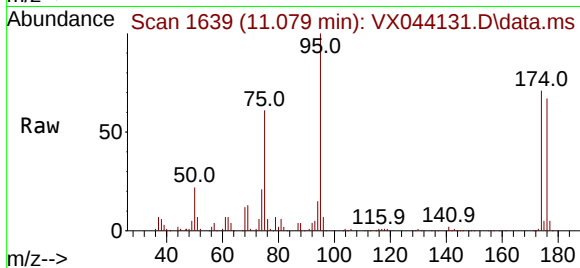




#81
trans-1,4-Dichloro-2-butene
Concen: 83.247 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044131.D
Acq: 04 Dec 2024 20:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 50355
Ion Ratio Lower Upper
75 100
53 0.0 86.7 130.1#
89 0.1 38.2 57.2#



#95
Naphthalene
Concen: 3.462 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX044131.D
Acq: 04 Dec 2024 20:44

Tgt Ion:128 Resp: 18638
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 11.5 8.6 12.8

