

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
 Data File : VX044132.D
 Acq On : 04 Dec 2024 21:07
 Operator : JC/MD
 Sample : P5093-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 05 00:38:50 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	5.543	168	110604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	218721	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	79833	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	101329	53.414	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.820%
35) Dibromofluoromethane	5.385	113	71404	45.688	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.380%
50) Toluene-d8	8.647	98	262132	48.657	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.320%
62) 4-Bromofluorobenzene	11.079	95	90619	49.425	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.840%

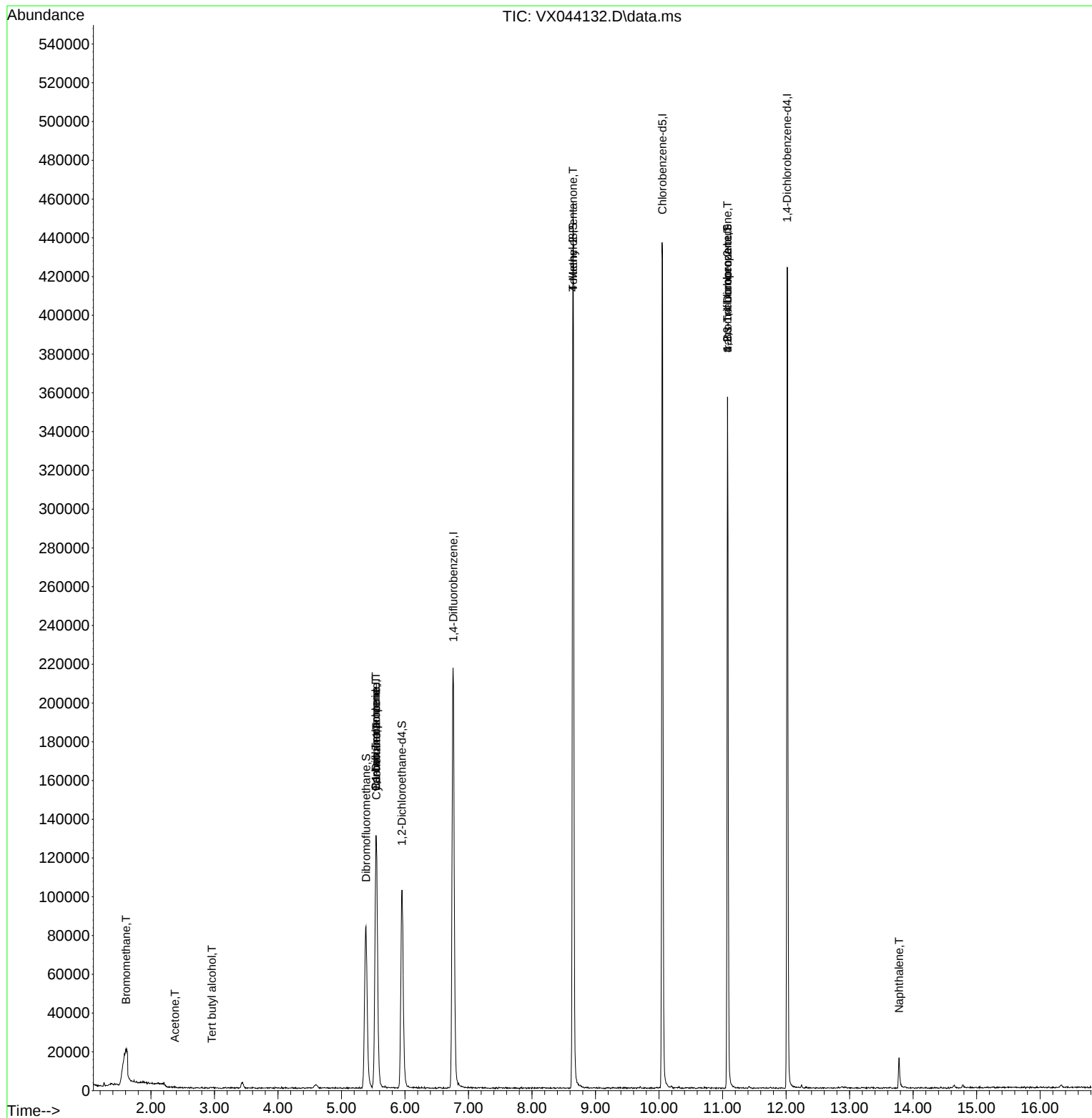
Target Compounds					Qvalue	
5) Bromomethane	1.605	94	242	0.251	ug/l #	56
11) Tert butyl alcohol	2.959	59	101	0.332	ug/l #	73
16) Acetone	2.379	43	260	0.298	ug/l #	46
31) Cyclohexane	5.550	56	3484	1.648	ug/l #	54
36) 1,1-Dichloropropene	5.543	75	10633	5.460	ug/l #	51
38) Carbon Tetrachloride	5.543	117	13826	6.318	ug/l #	18
51) 4-Methyl-2-Pentanone	8.647	43	1488	0.634	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	52595	30.042	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	52595	81.977	ug/l #	6
95) Naphthalene	13.780	128	11956	2.094	ug/l #	96

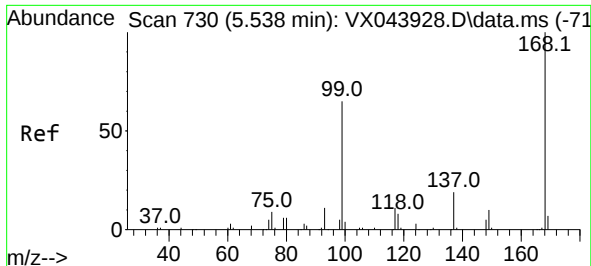
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 05 00:38:50 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

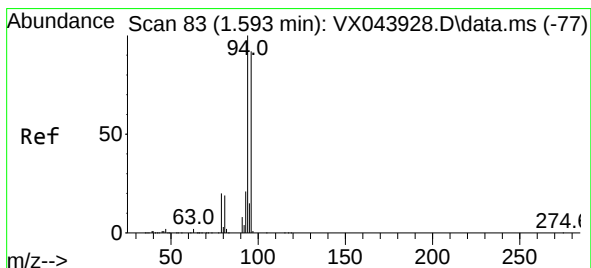
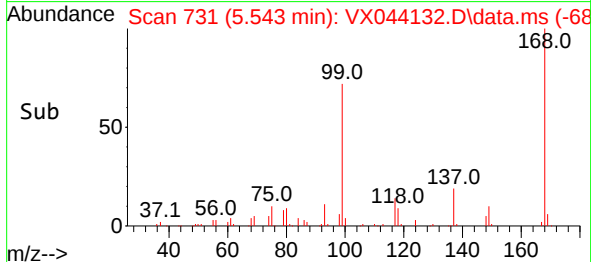
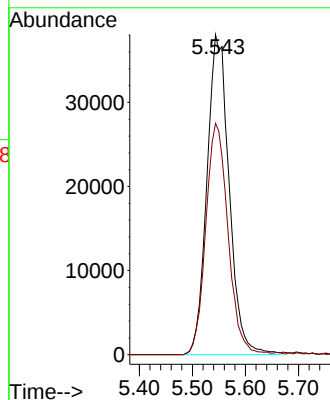
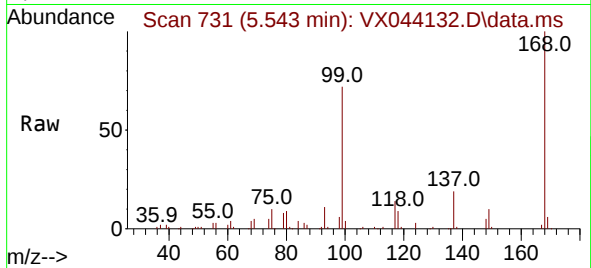




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX044132.D
Acq: 04 Dec 2024 21:07

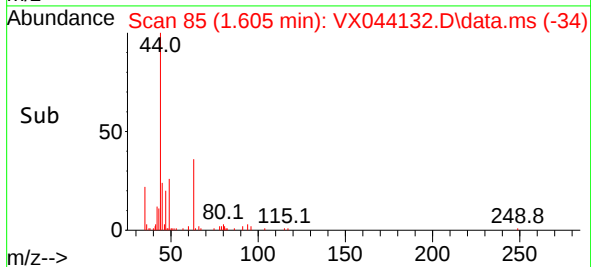
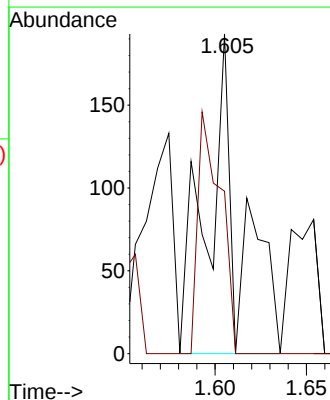
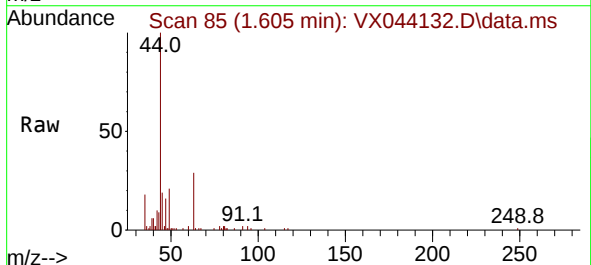
Instrument :
MSVOA_X
ClientSampleId :

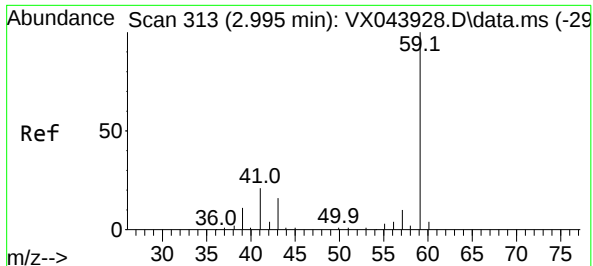
Tgt Ion:168 Resp: 110604
Ion Ratio Lower Upper
168 100
99 72.3 51.8 77.8



#5
Bromomethane
Concen: 0.251 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.012 min
Lab File: VX044132.D
Acq: 04 Dec 2024 21:07

Tgt Ion: 94 Resp: 242
Ion Ratio Lower Upper
94 100
96 50.8 73.9 110.9#





#11

Tert butyl alcohol

Concen: 0.332 ug/l

RT: 2.959 min Scan# 307

Delta R.T. -0.037 min

Lab File: VX044132.D

Acq: 04 Dec 2024 21:07

Instrument :

MSVOA_X

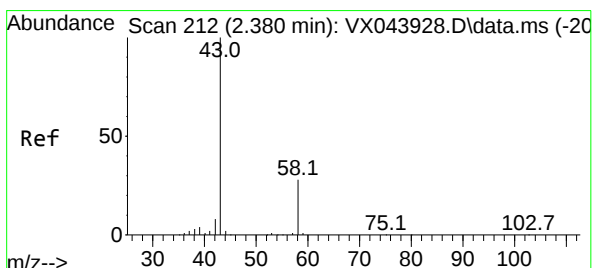
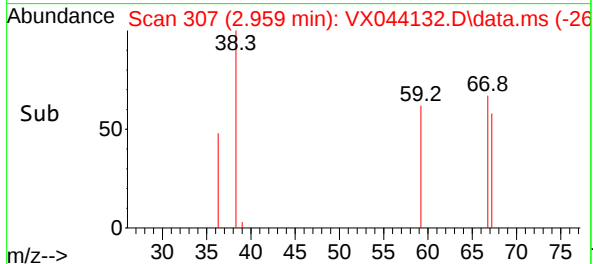
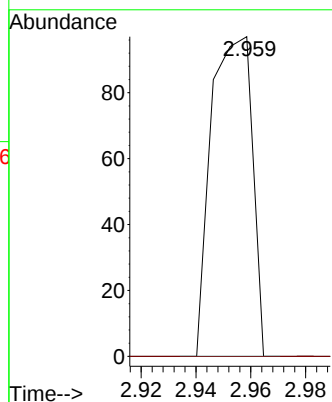
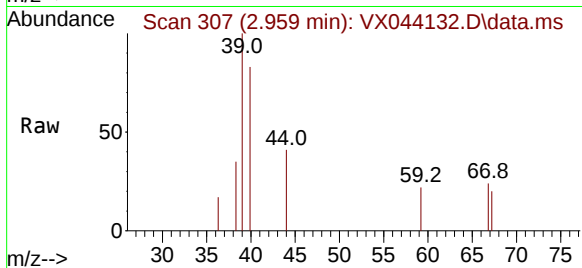
ClientSampleId :

Tgt Ion: 59 Resp: 101

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#



#16

Acetone

Concen: 0.298 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX044132.D

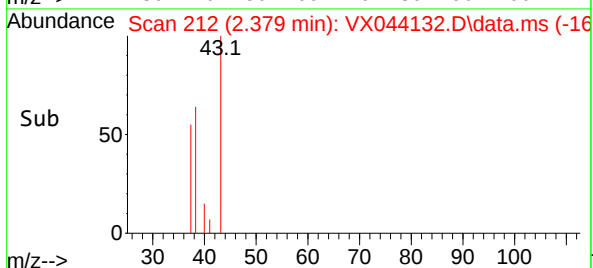
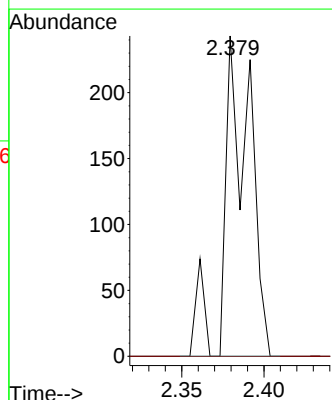
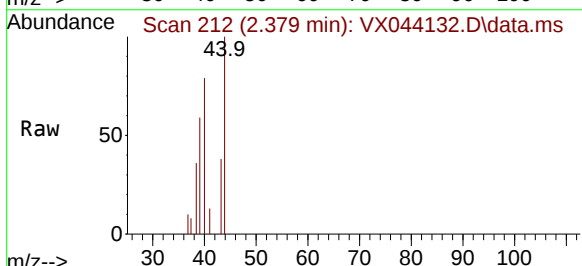
Acq: 04 Dec 2024 21:07

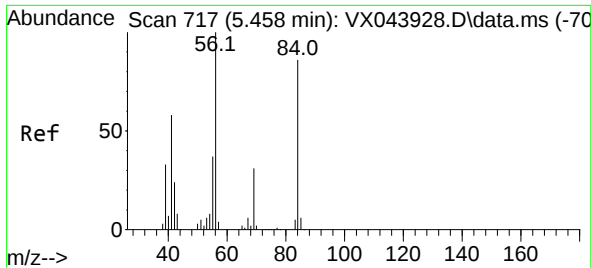
Tgt Ion: 43 Resp: 260

Ion Ratio Lower Upper

43 100

58 0.0 22.7 34.1#

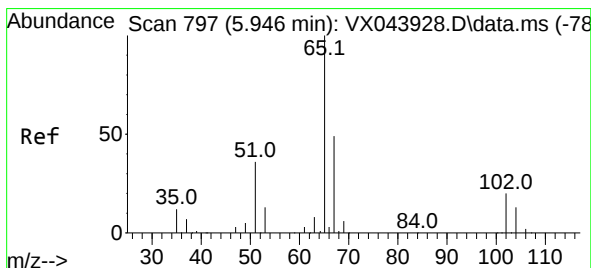
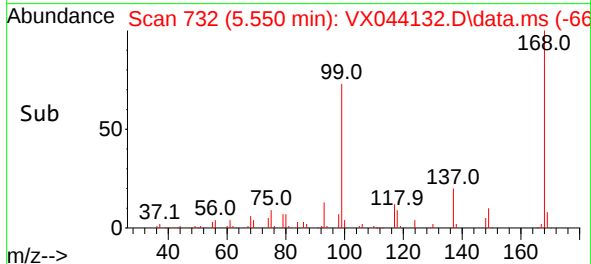
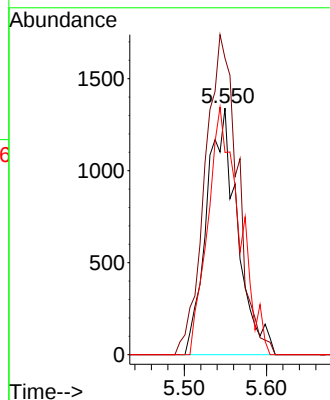
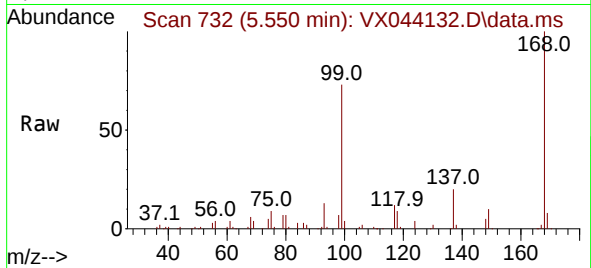




#31
Cyclohexane
Concen: 1.648 ug/l
RT: 5.550 min Scan# 717
Delta R.T. 0.091 min
Lab File: VX044132.D
Acq: 04 Dec 2024 21:07

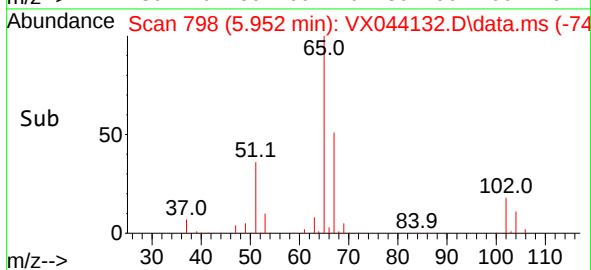
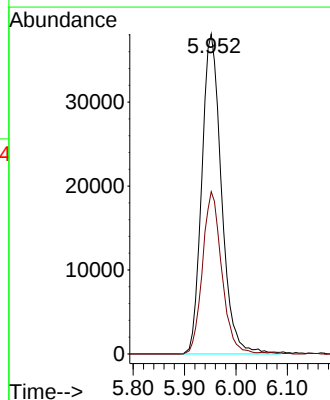
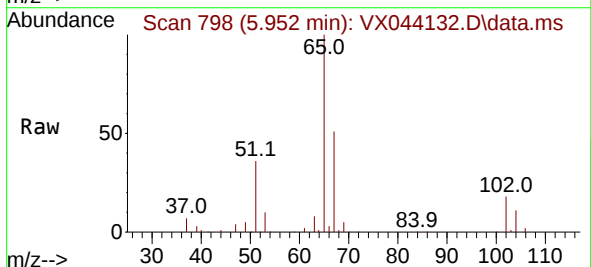
Instrument :
MSVOA_X
ClientSampleId :

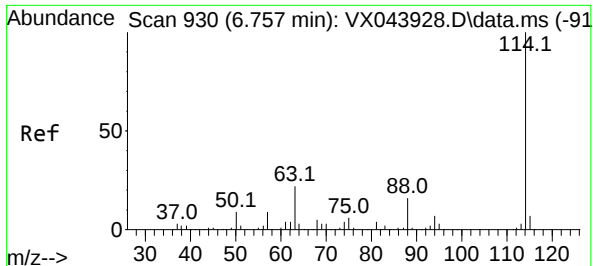
Tgt Ion: 56 Resp: 3484
Ion Ratio Lower Upper
56 100
69 120.2 24.7 37.1#
84 82.0 68.7 103.1



#33
1,2-Dichloroethane-d4
Concen: 53.414 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX044132.D
Acq: 04 Dec 2024 21:07

Tgt Ion: 65 Resp: 101329
Ion Ratio Lower Upper
65 100
67 49.7 0.0 100.8

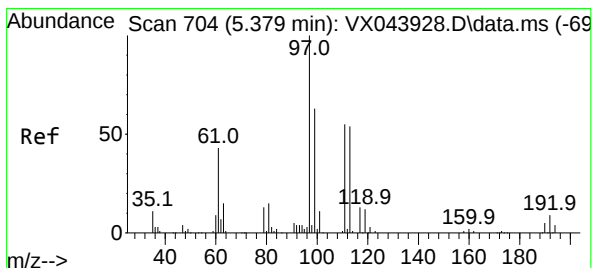
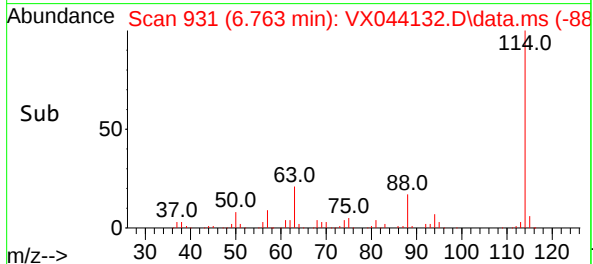
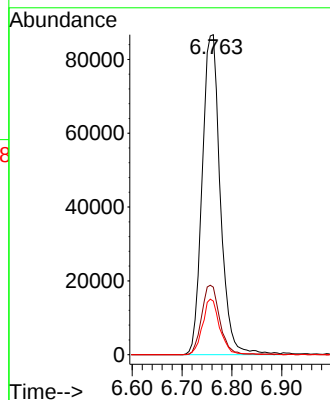
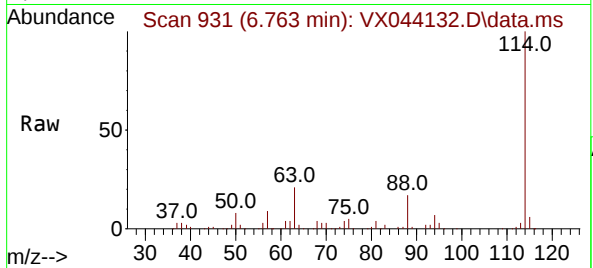




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX044132.D
Acq: 04 Dec 2024 21:07

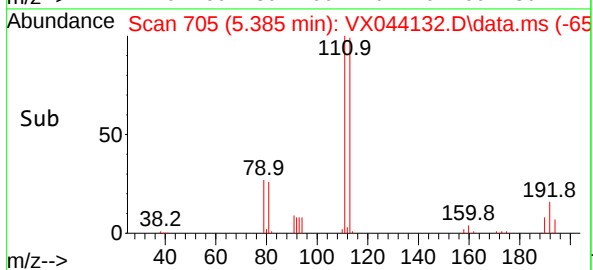
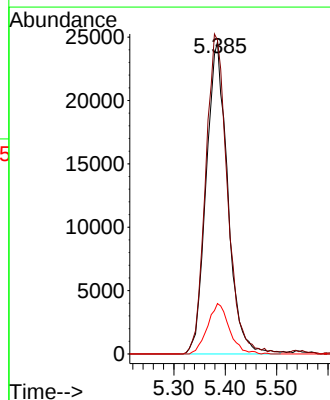
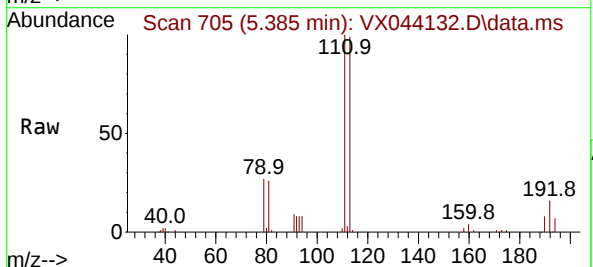
Instrument :
MSVOA_X
ClientSampleId :

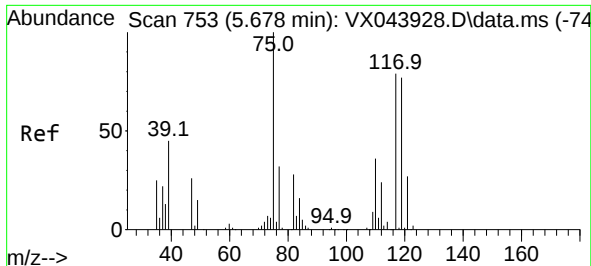
Tgt Ion:114 Resp: 218721
Ion Ratio Lower Upper
114 100
63 21.1 0.0 44.0
88 16.8 0.0 32.4



#35
Dibromofluoromethane
Concen: 45.688 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX044132.D
Acq: 04 Dec 2024 21:07

Tgt Ion:113 Resp: 71404
Ion Ratio Lower Upper
113 100
111 104.4 81.0 121.4
192 16.4 13.0 19.6





#36

1,1-Dichloropropene

Concen: 5.460 ug/l

RT: 5.543 min Scan# 71

Delta R.T. -0.135 min

Lab File: VX044132.D

Acq: 04 Dec 2024 21:07

Instrument :

MSVOA_X

ClientSampleId :

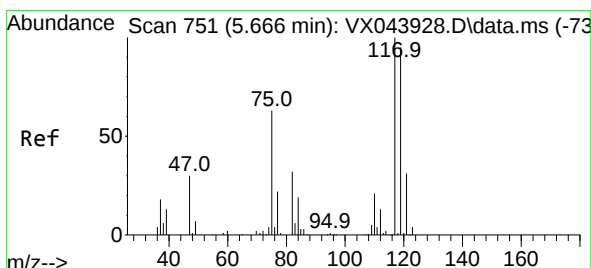
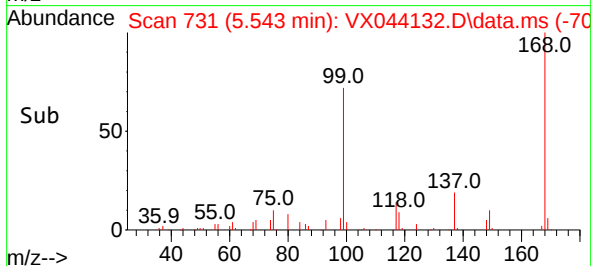
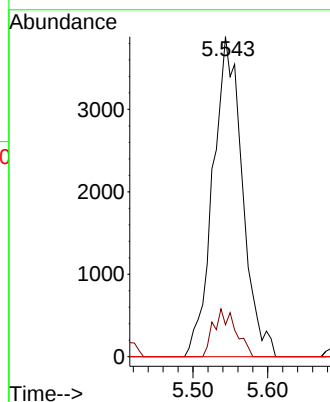
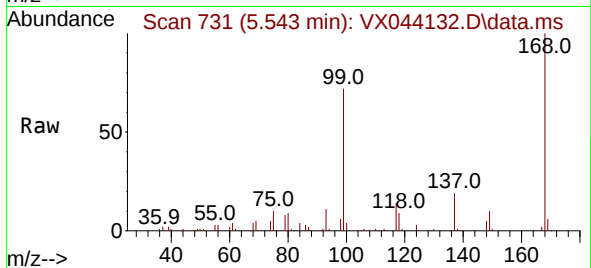
Tgt Ion: 75 Resp: 10633

Ion Ratio Lower Upper

75 100

110 11.2 17.4 52.2#

77 0.0 25.8 38.8#



#38

Carbon Tetrachloride

Concen: 6.318 ug/l

RT: 5.543 min Scan# 731

Delta R.T. -0.122 min

Lab File: VX044132.D

Acq: 04 Dec 2024 21:07

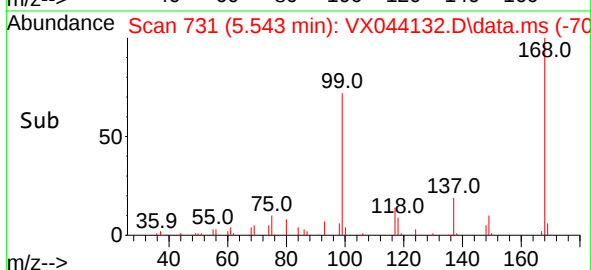
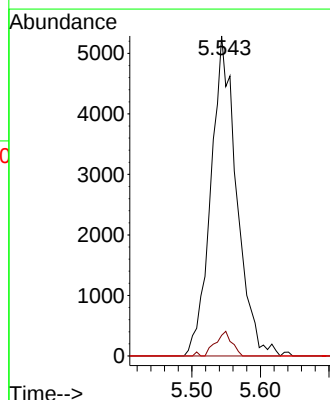
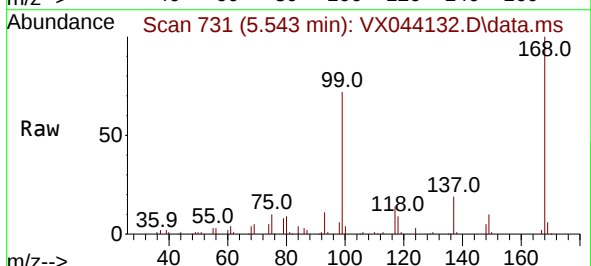
Tgt Ion: 117 Resp: 13826

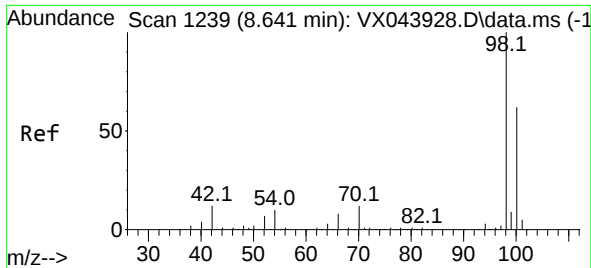
Ion Ratio Lower Upper

117 100

119 6.4 75.2 112.8#

121 0.0 24.5 36.7#

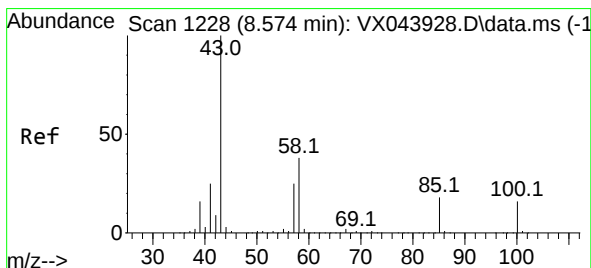
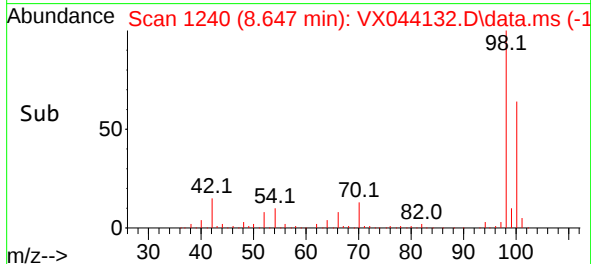
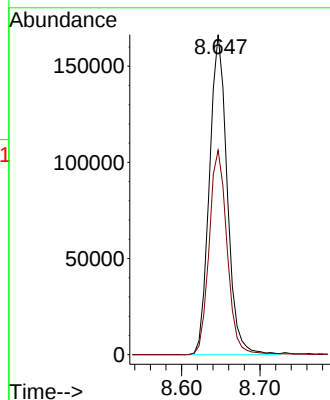
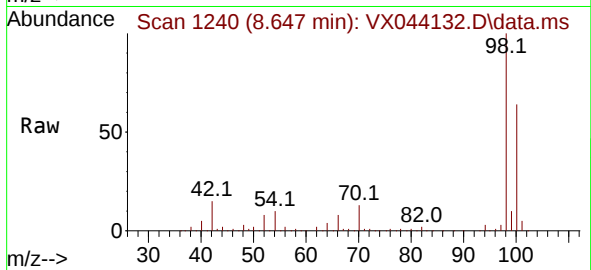




#50
Toluene-d8
Concen: 48.657 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044132.D
Acq: 04 Dec 2024 21:07

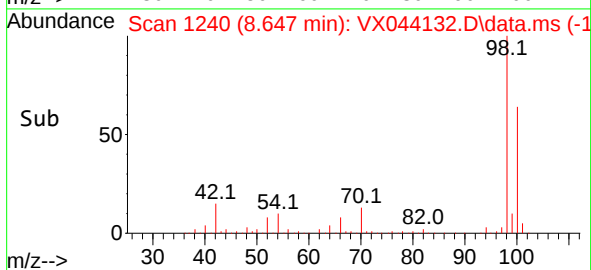
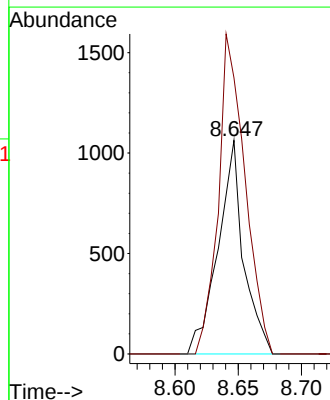
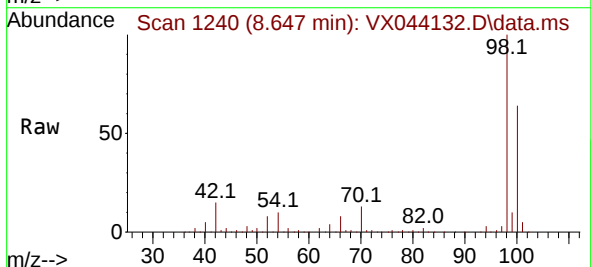
Instrument :
MSVOA_X
ClientSampleId :

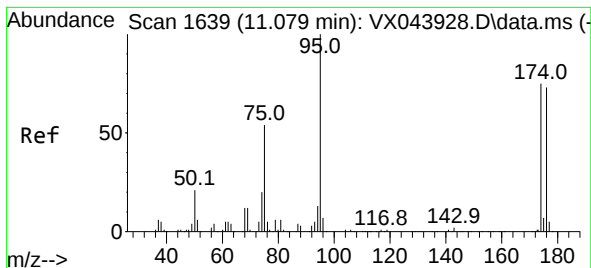
Tgt Ion: 98 Resp: 262132
Ion Ratio Lower Upper
98 100
100 64.7 52.6 79.0



#51
4-Methyl-2-Pentanone
Concen: 0.634 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX044132.D
Acq: 04 Dec 2024 21:07

Tgt Ion: 43 Resp: 1488
Ion Ratio Lower Upper
43 100
58 157.0 30.0 45.0#

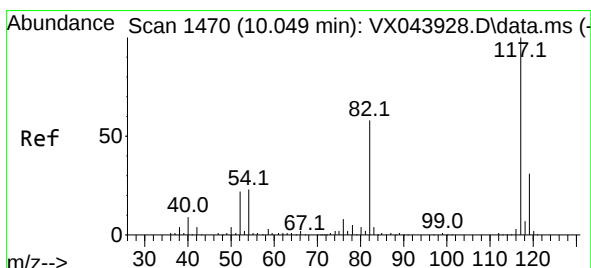
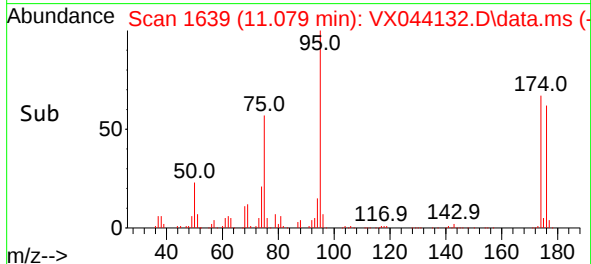
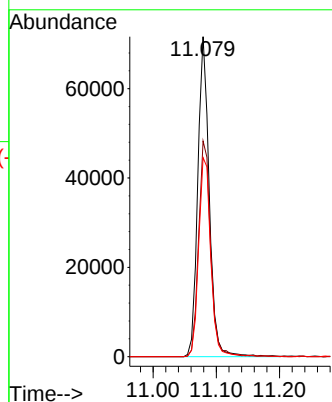
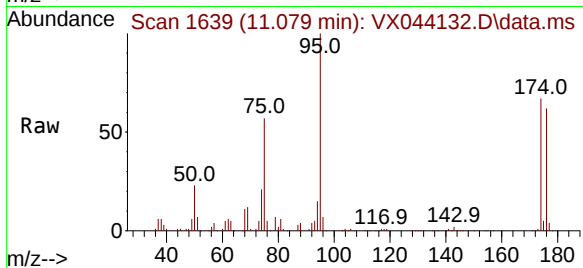




#62
4-Bromofluorobenzene
Concen: 49.425 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044132.D
Acq: 04 Dec 2024 21:07

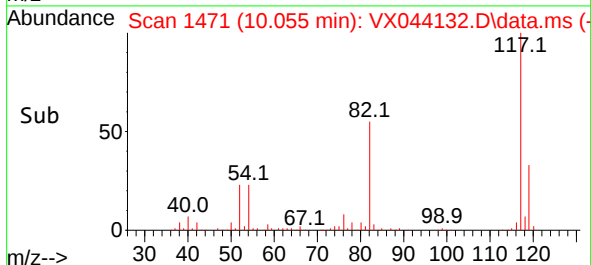
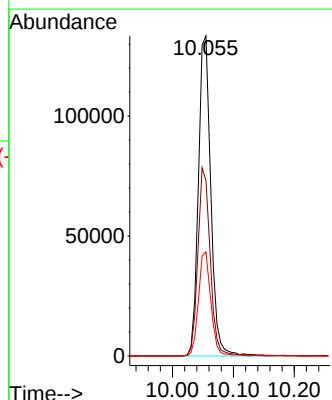
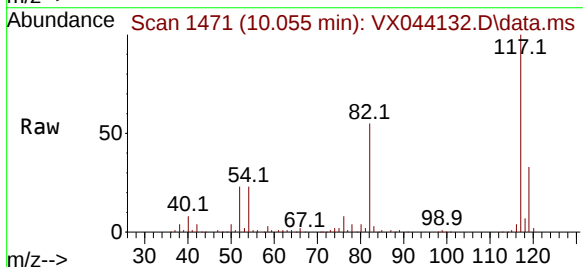
Instrument :
MSVOA_X
ClientSampleId :

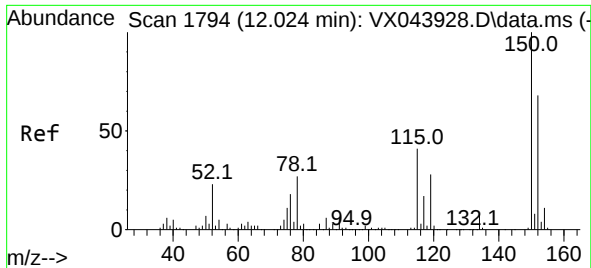
Tgt Ion: 95 Resp: 90619
Ion Ratio Lower Upper
95 100
174 71.2 0.0 150.4
176 65.9 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044132.D
Acq: 04 Dec 2024 21:07

Tgt Ion: 117 Resp: 189224
Ion Ratio Lower Upper
117 100
82 54.8 46.4 69.6
119 32.5 24.6 37.0

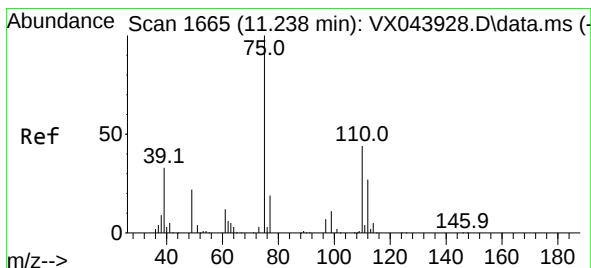
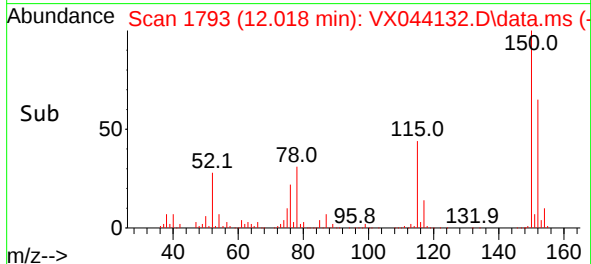
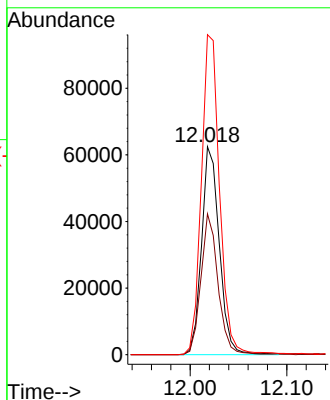
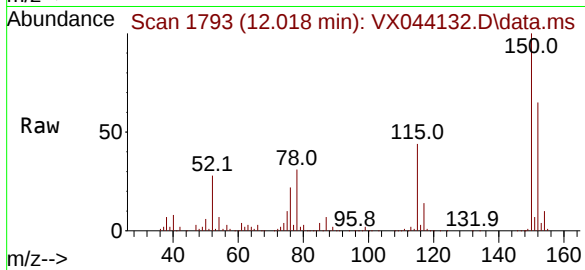




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.007 min
Lab File: VX044132.D
Acq: 04 Dec 2024 21:07

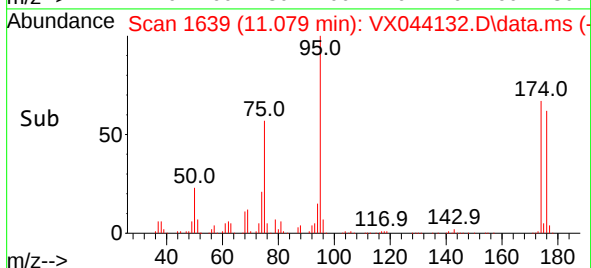
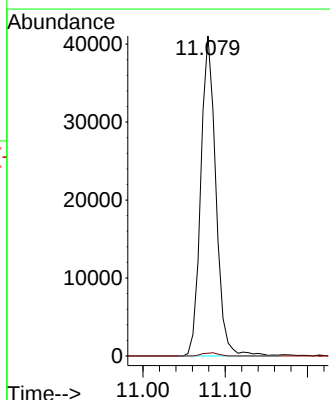
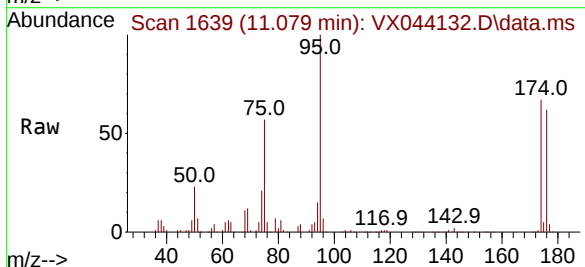
Instrument :
MSVOA_X
ClientSampleId :

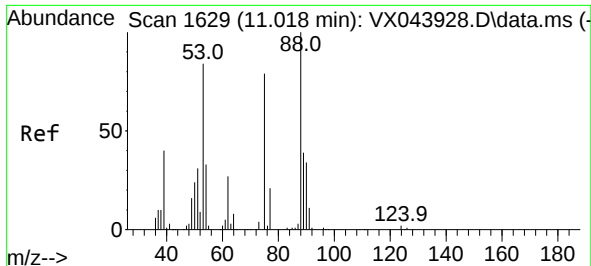
Tgt Ion:152 Resp: 79833
Ion Ratio Lower Upper
152 100
115 65.3 45.4 136.2
150 159.2 0.0 353.0



#76
1,2,3-Trichloropropane
Concen: 30.042 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044132.D
Acq: 04 Dec 2024 21:07

Tgt Ion: 75 Resp: 52595
Ion Ratio Lower Upper
75 100
77 1.0 21.8 65.3#

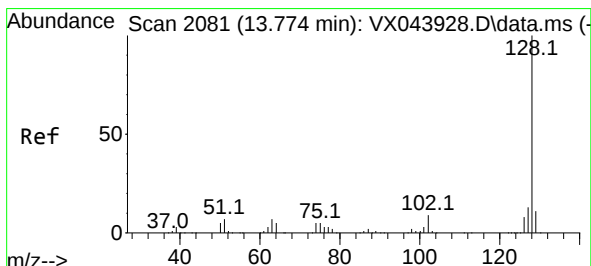
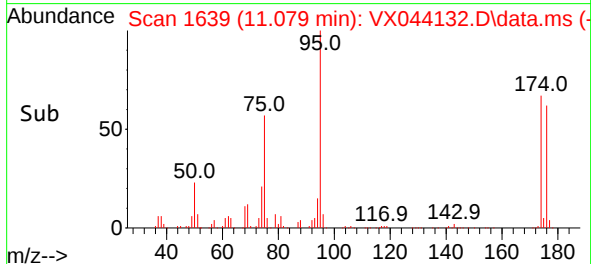
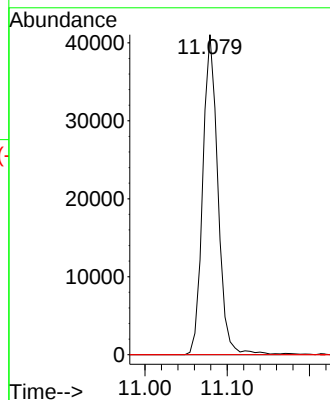
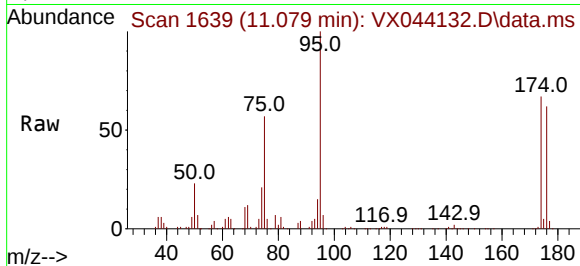




#81
trans-1,4-Dichloro-2-butene
Concen: 81.977 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044132.D
Acq: 04 Dec 2024 21:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 52595
Ion Ratio Lower Upper
75 100
53 0.0 86.7 130.1#
89 0.0 38.2 57.2#



#95
Naphthalene
Concen: 2.094 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX044132.D
Acq: 04 Dec 2024 21:07

Tgt Ion:128 Resp: 11956
Ion Ratio Lower Upper
128 100
127 10.1 10.2 15.2#
129 11.0 8.6 12.8

