

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112524\
 Data File : VX044001.D
 Acq On : 25 Nov 2024 20:49
 Operator : JC/MD
 Sample : P4995-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 001

Quant Time: Nov 27 07:49:03 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)

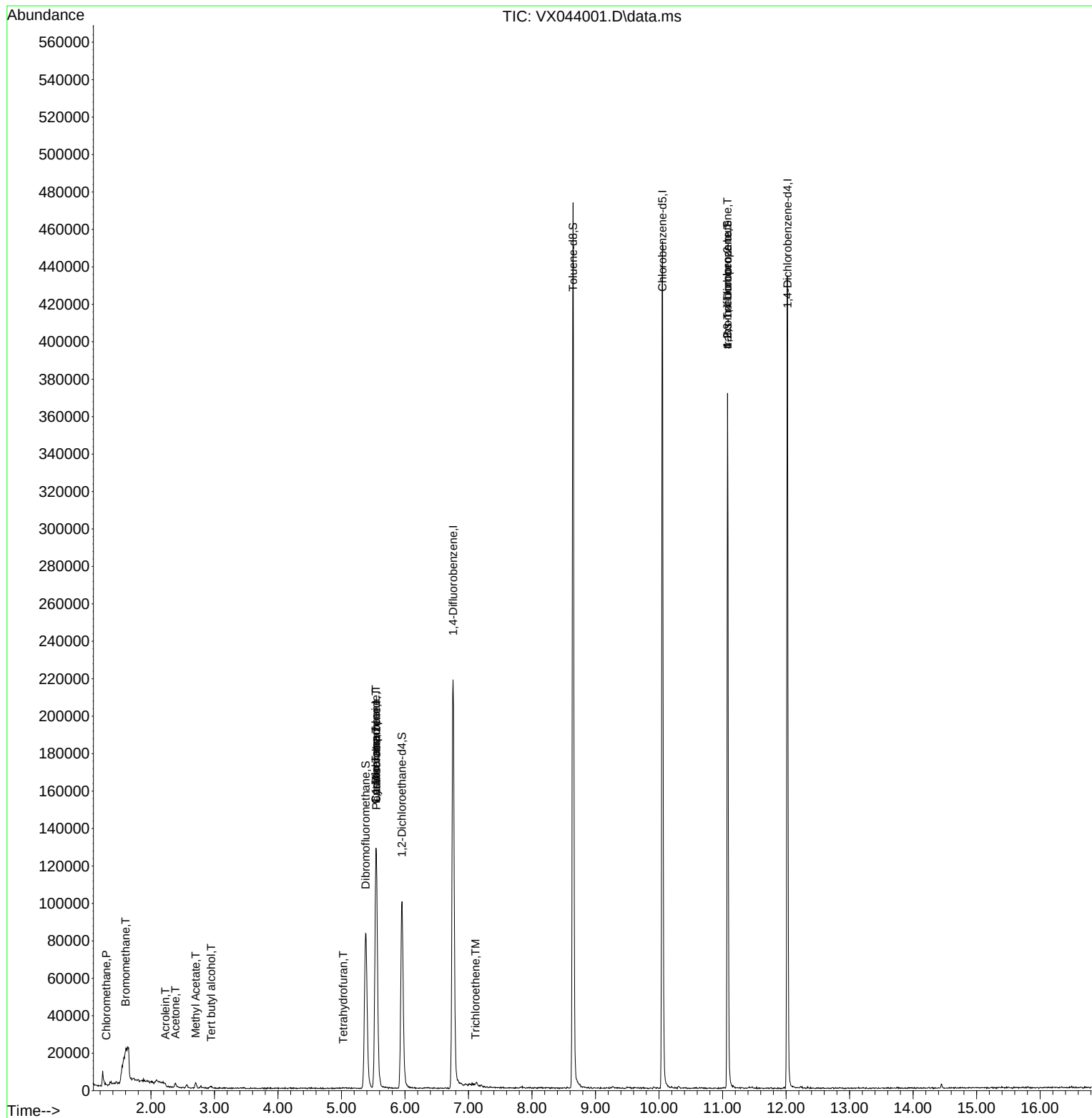
Internal Standards						
1) Pentafluorobenzene	5.550	168	112737	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	221459	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83986	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	98537	50.960	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.920%	
35) Dibromofluoromethane	5.379	113	72939	46.093	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 92.180%	
50) Toluene-d8	8.646	98	275478	50.502	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.000%	
62) 4-Bromofluorobenzene	11.079	95	91730	49.412	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 98.820%	
Target Compounds						Qvalue
3) Chloromethane	1.294	50	379	0.252	ug/l #	42
5) Bromomethane	1.599	94	556	0.565	ug/l #	64
11) Tert butyl alcohol	2.946	59	369	1.189	ug/l #	73
13) Acrolein	2.227	56	80	0.245	ug/l #	1
16) Acetone	2.385	43	2307	2.598	ug/l	90
18) Methyl Acetate	2.702	43	3479	1.682	ug/l	97
29) Tetrahydrofuran	5.025	42	227	0.323	ug/l #	41
31) Cyclohexane	5.543	56	3199	1.484	ug/l #	47
36) 1,1-Dichloropropene	5.543	75	10675	5.414	ug/l #	49
38) Carbon Tetrachloride	5.543	117	13466	6.078	ug/l #	17
44) Trichloroethene	7.110	130	528	0.304	ug/l	26
76) 1,2,3-Trichloropropane	11.079	75	51915	28.187	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	51915	76.916	ug/l #	7

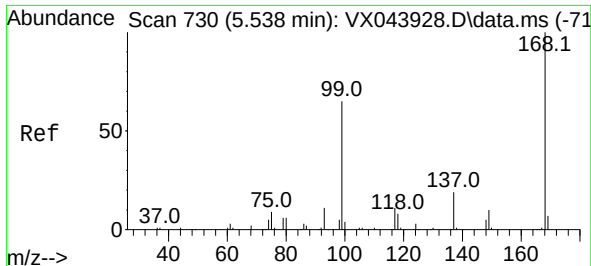
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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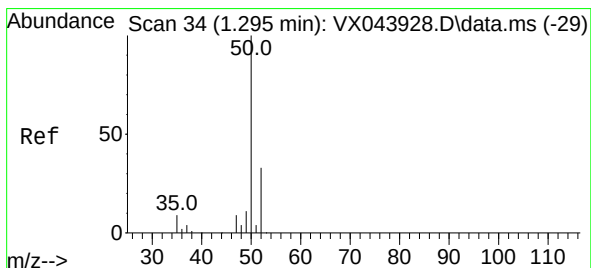
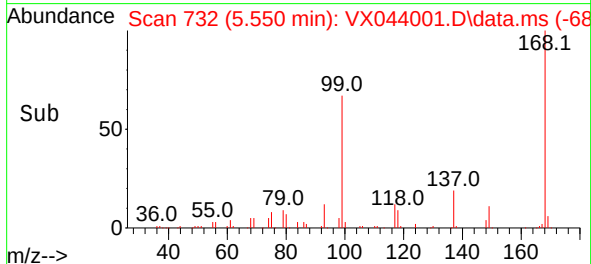
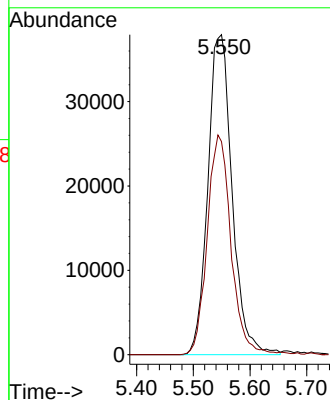
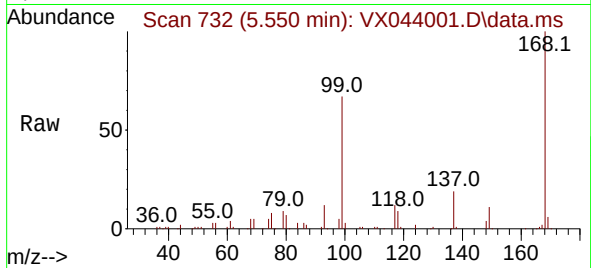




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.011 min
Lab File: VX044001.D
Acq: 25 Nov 2024 20:49

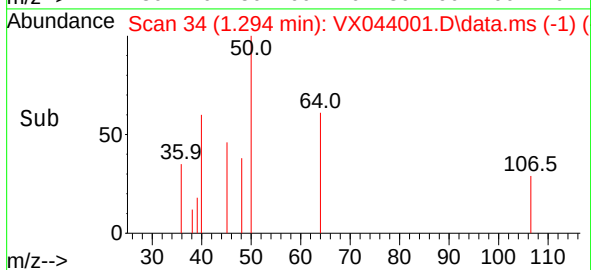
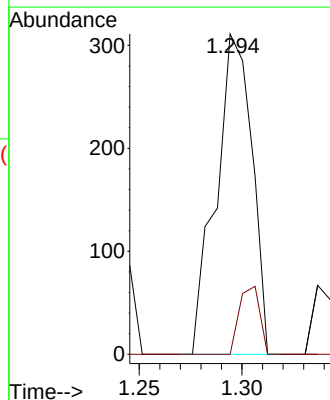
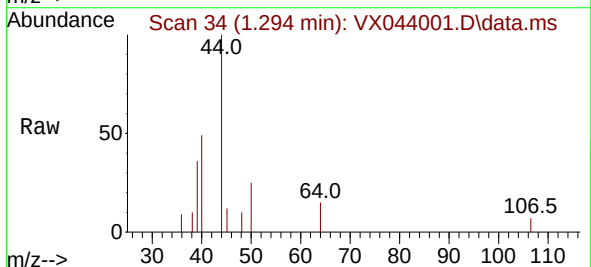
Instrument :
MSVOA_X
ClientSampleId :
001

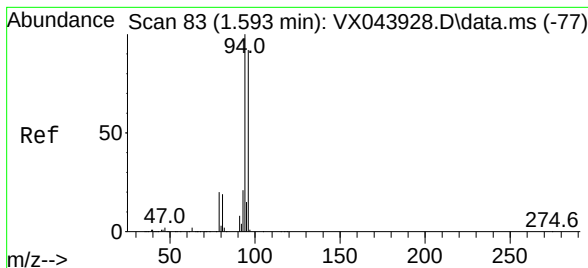
Tgt Ion:168 Resp: 112737
Ion Ratio Lower Upper
168 100
99 66.6 51.8 77.8



#3
Chloromethane
Concen: 0.252 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044001.D
Acq: 25 Nov 2024 20:49

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





#5

Bromomethane

Concen: 0.565 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.006 min

Lab File: VX044001.D

Acq: 25 Nov 2024 20:49

Instrument :

MSVOA_X

ClientSampleId :

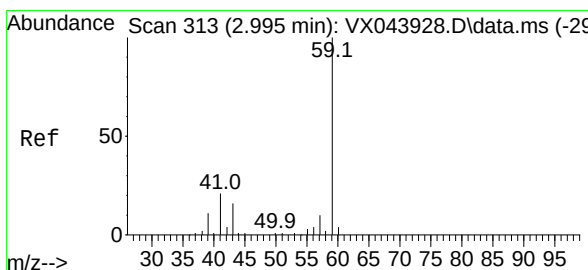
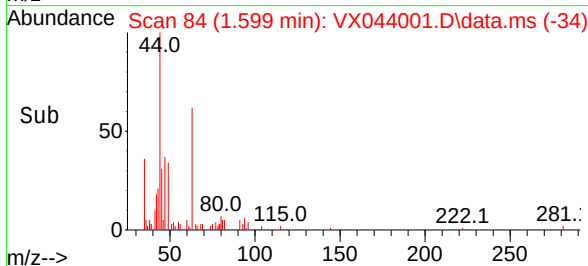
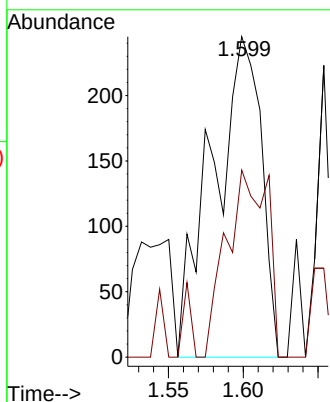
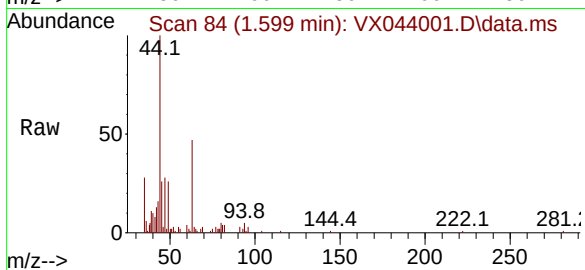
001

Tgt Ion: 94 Resp: 556

Ion Ratio Lower Upper

94 100

96 58.4 73.9 110.9#



#11

Tert butyl alcohol

Concen: 1.189 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.049 min

Lab File: VX044001.D

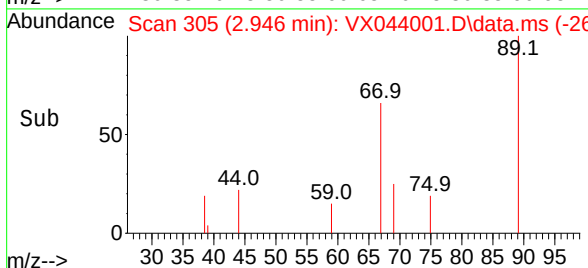
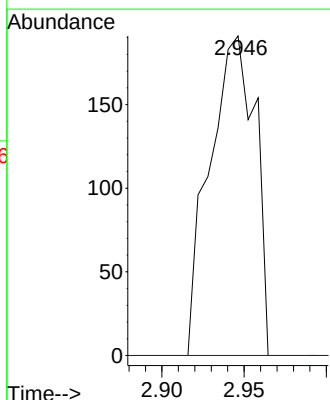
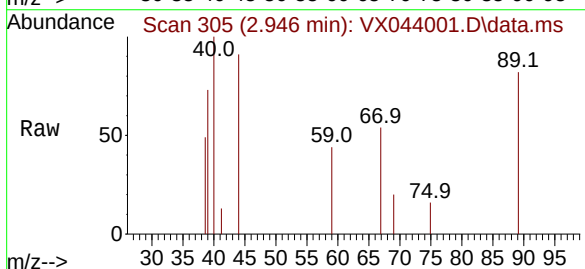
Acq: 25 Nov 2024 20:49

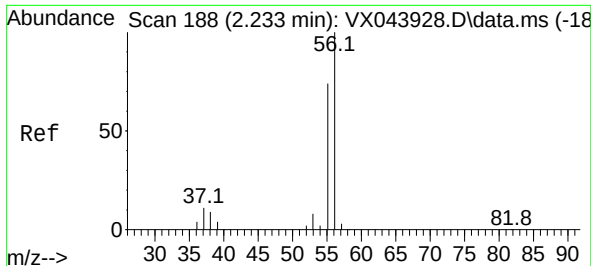
Tgt Ion: 59 Resp: 369

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#

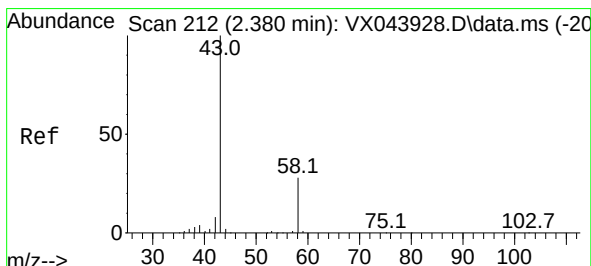
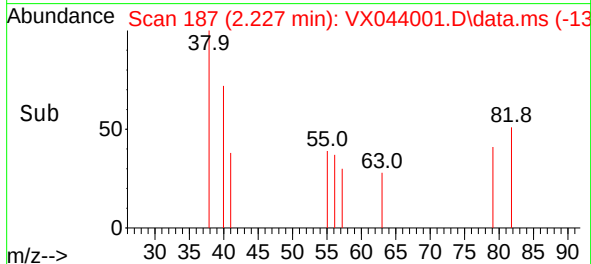
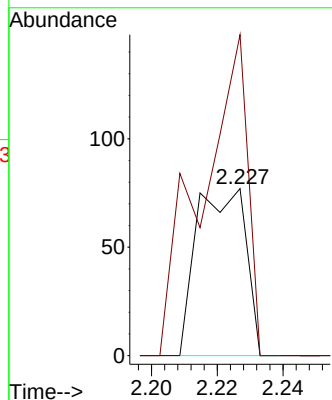
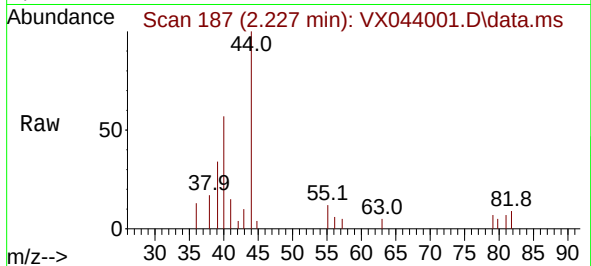




#13
Acrolein
Concen: 0.245 ug/l
RT: 2.227 min Scan# 11
Delta R.T. -0.007 min
Lab File: VX044001.D
Acq: 25 Nov 2024 20:49

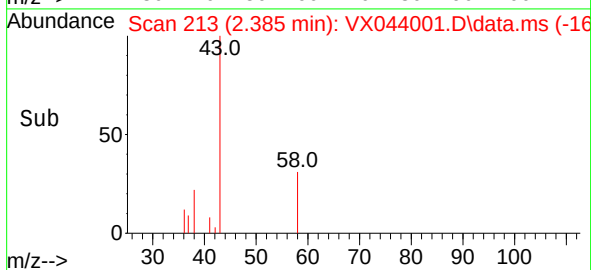
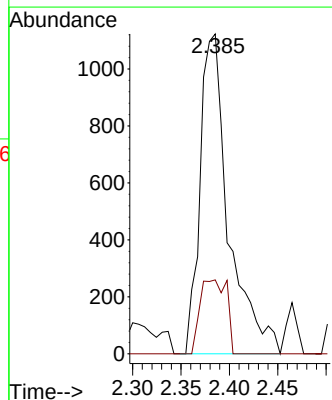
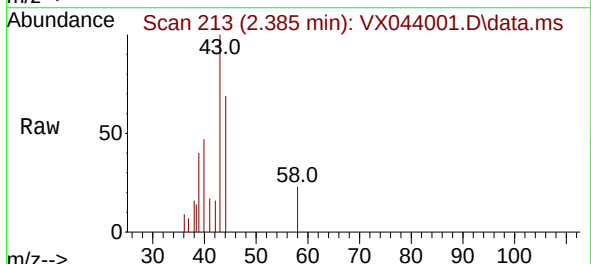
Instrument :
MSVOA_X
ClientSampleId :
001

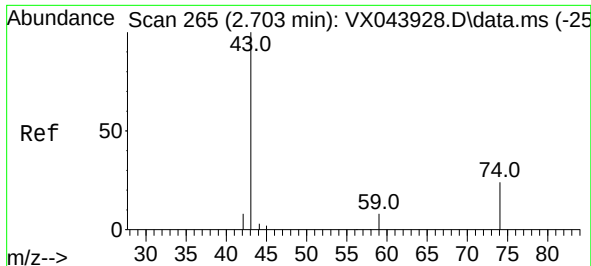
Tgt Ion: 56 Resp: 80
Ion Ratio Lower Upper
56 100
55 180.0 58.2 87.2#



#16
Acetone
Concen: 2.598 ug/l
RT: 2.385 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044001.D
Acq: 25 Nov 2024 20:49

Tgt Ion: 43 Resp: 2307
Ion Ratio Lower Upper
43 100
58 23.2 22.7 34.1





#18

Methyl Acetate

Concen: 1.682 ug/l

RT: 2.702 min Scan# 2

Delta R.T. -0.000 min

Lab File: VX044001.D

Acq: 25 Nov 2024 20:49

Instrument :

MSVOA_X

ClientSampleId :

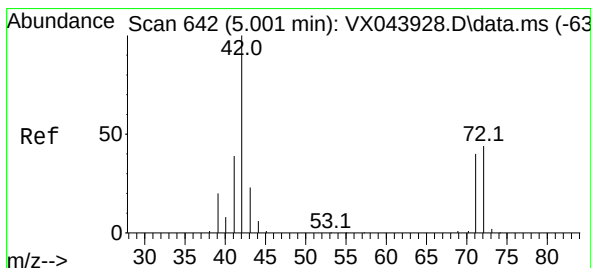
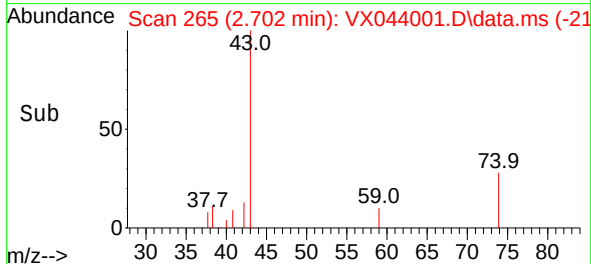
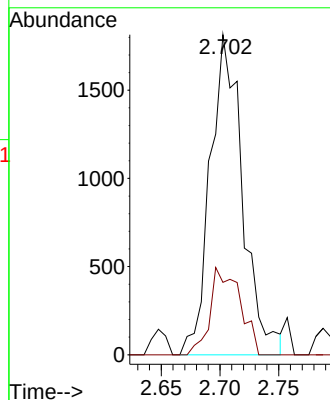
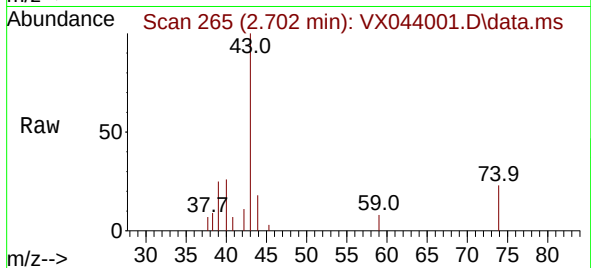
001

Tgt Ion: 43 Resp: 3479

Ion Ratio Lower Upper

43 100

74 25.2 18.9 28.3



#29

Tetrahydrofuran

Concen: 0.323 ug/l

RT: 5.025 min Scan# 646

Delta R.T. 0.024 min

Lab File: VX044001.D

Acq: 25 Nov 2024 20:49

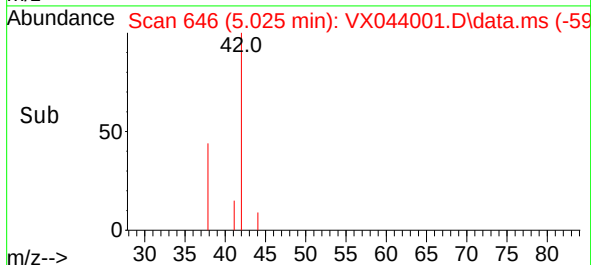
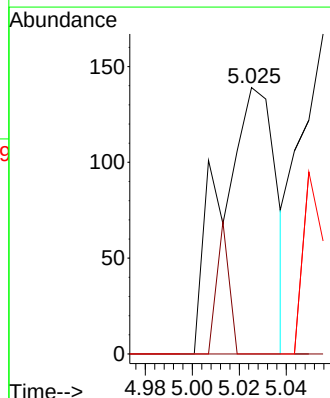
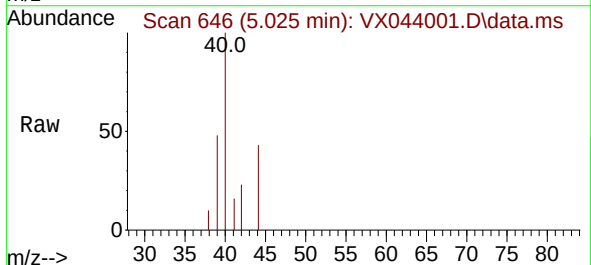
Tgt Ion: 42 Resp: 227

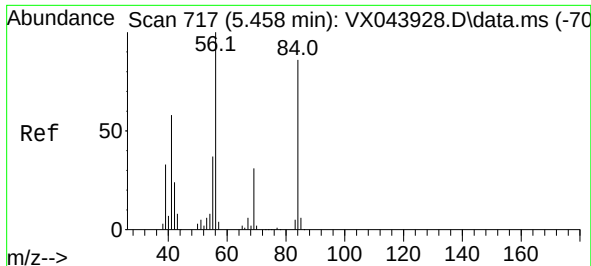
Ion Ratio Lower Upper

42 100

72 11.0 36.4 54.6#

71 0.0 33.4 50.0#

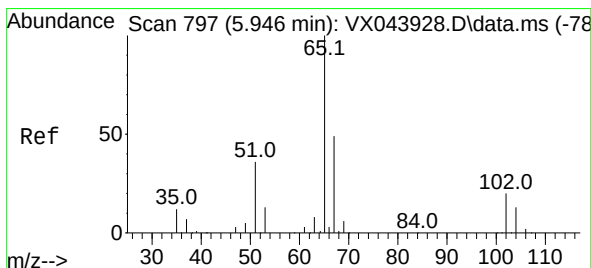
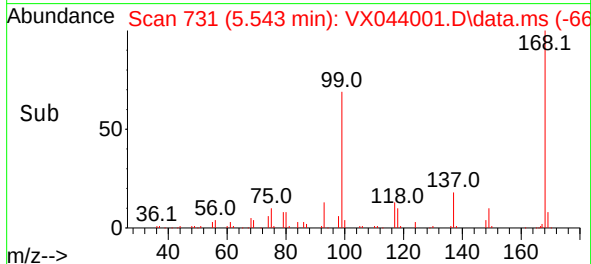
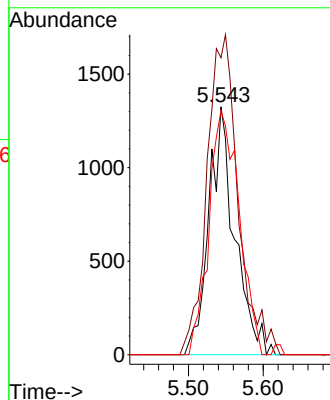
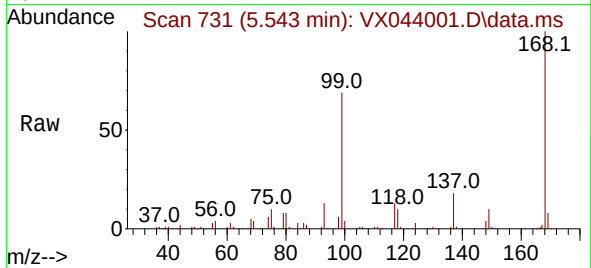




#31
Cyclohexane
Concen: 1.484 ug/l
RT: 5.543 min Scan# 717
Delta R.T. 0.085 min
Lab File: VX044001.D
Acq: 25 Nov 2024 20:49

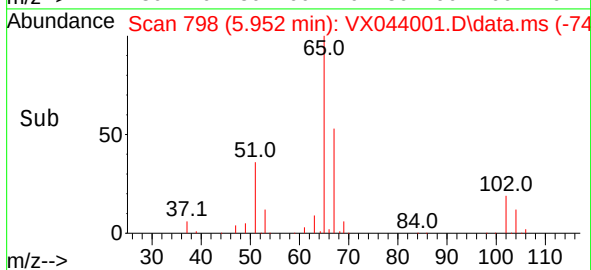
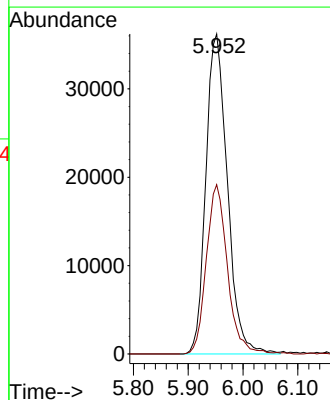
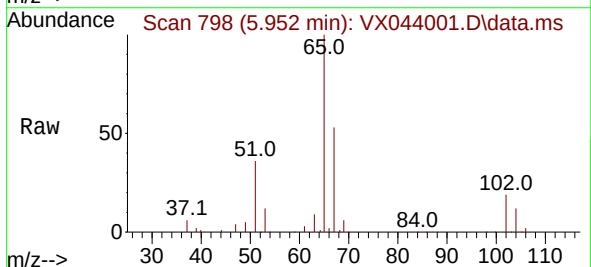
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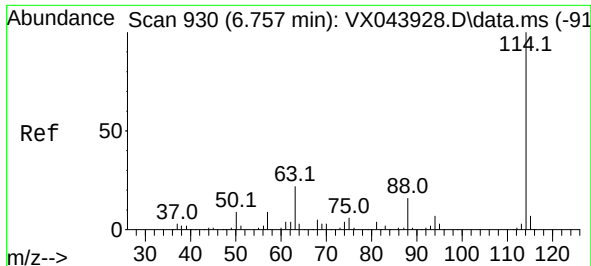
Tgt Ion: 56 Resp: 3199
Ion Ratio Lower Upper
56 100
69 119.8 24.7 37.1#
84 98.4 68.7 103.1



#33
1,2-Dichloroethane-d4
Concen: 50.960 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX044001.D
Acq: 25 Nov 2024 20:49

Tgt Ion: 65 Resp: 98537
Ion Ratio Lower Upper
65 100
67 52.0 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: VX044001.D

Acq: 25 Nov 2024 20:49

Instrument :

MSVOA_X

ClientSampleId :

001

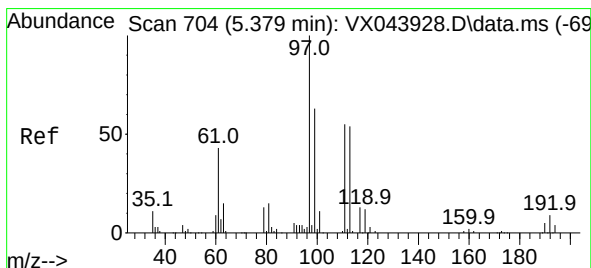
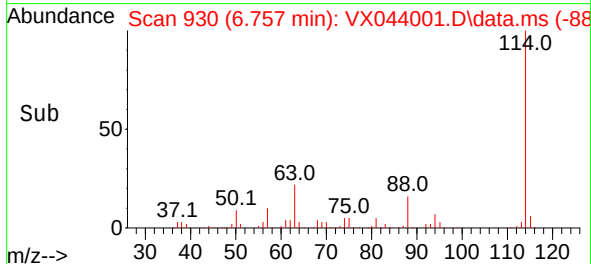
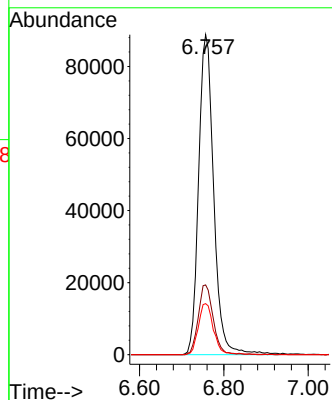
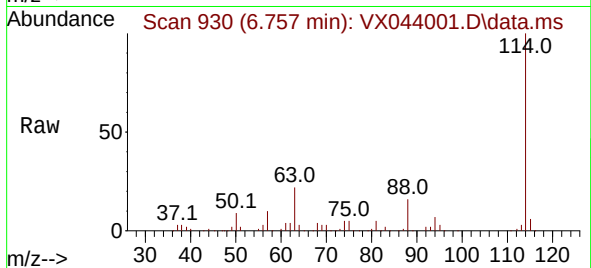
Tgt Ion:114 Resp: 221459

Ion Ratio Lower Upper

114 100

63 21.8 0.0 44.0

88 16.0 0.0 32.4



#35

Dibromofluoromethane

Concen: 46.093 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX044001.D

Acq: 25 Nov 2024 20:49

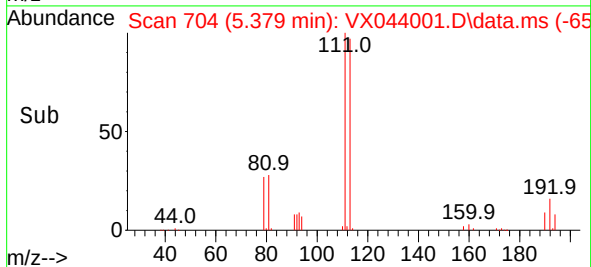
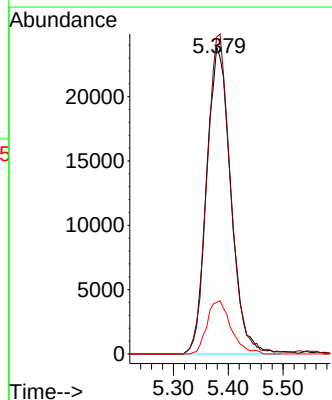
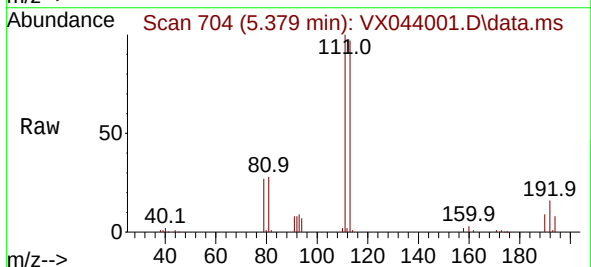
Tgt Ion:113 Resp: 72939

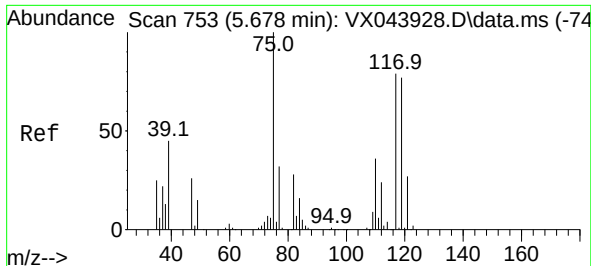
Ion Ratio Lower Upper

113 100

111 101.4 81.0 121.4

192 17.2 13.0 19.6

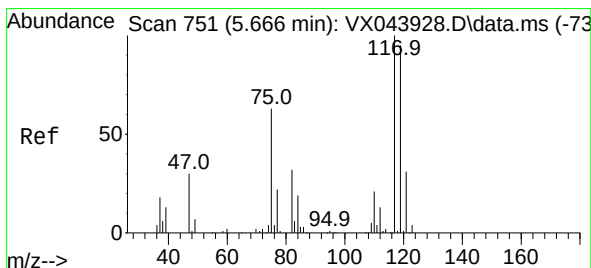
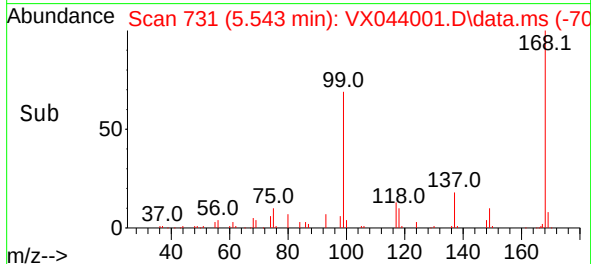
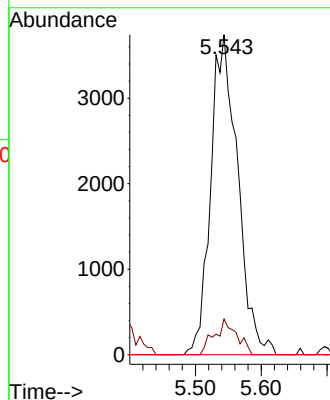
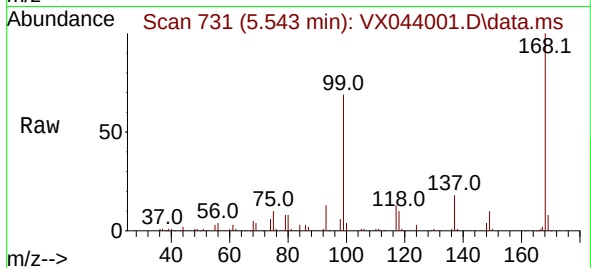




#36
1,1-Dichloropropene
Concen: 5.414 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.135 min
Lab File: VX044001.D
Acq: 25 Nov 2024 20:49

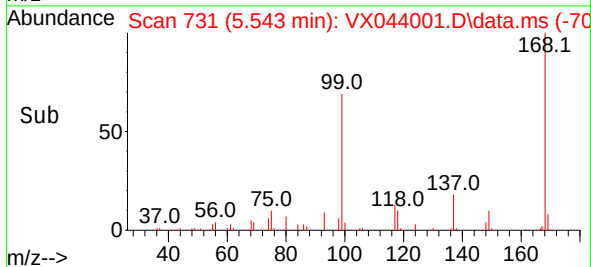
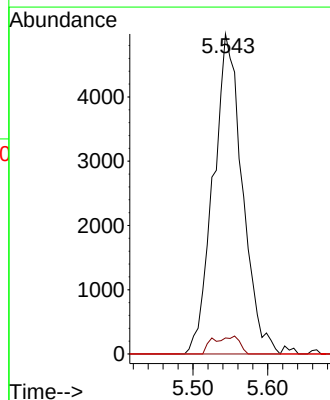
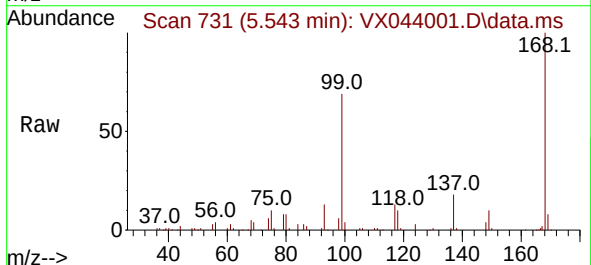
Instrument :
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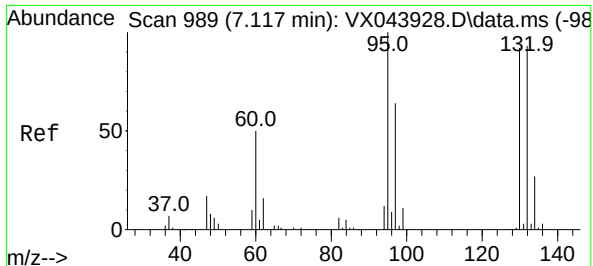
Tgt Ion: 75 Resp: 10675
Ion Ratio Lower Upper
75 100
110 9.2 17.4 52.2#
77 0.0 25.8 38.8#



#38
Carbon Tetrachloride
Concen: 6.078 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.122 min
Lab File: VX044001.D
Acq: 25 Nov 2024 20:49

Tgt Ion:117 Resp: 13466
Ion Ratio Lower Upper
117 100
119 5.0 75.2 112.8#
121 0.0 24.5 36.7#





#44

Trichloroethene

Concen: 0.304 ug/l

RT: 7.110 min Scan# 90

Delta R.T. -0.007 min

Lab File: VX044001.D

Acq: 25 Nov 2024 20:49

Instrument :

MSVOA_X

ClientSampleId :

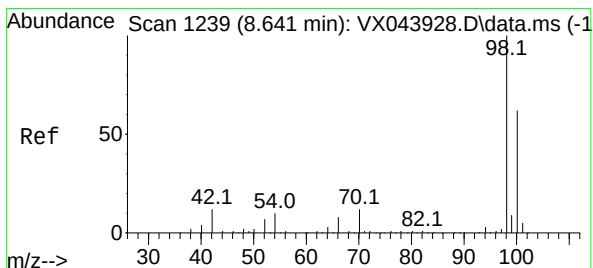
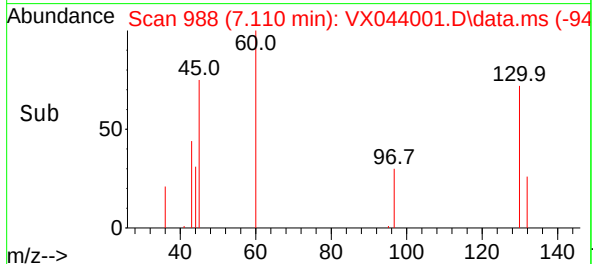
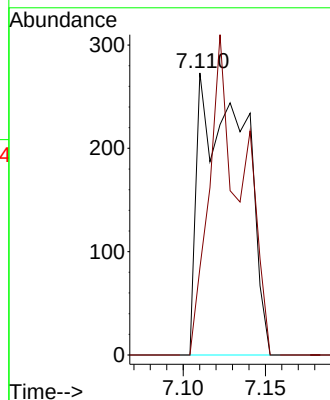
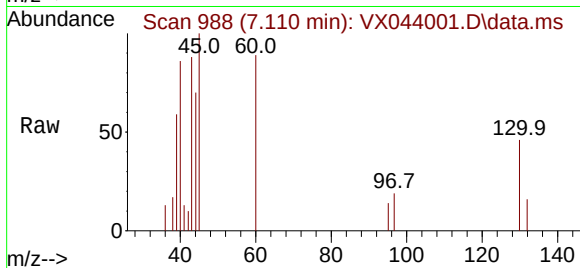
001

Tgt Ion:130 Resp: 528

Ion Ratio Lower Upper

130 100

95 30.8 0.0 217.8



#50

Toluene-d8

Concen: 50.502 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044001.D

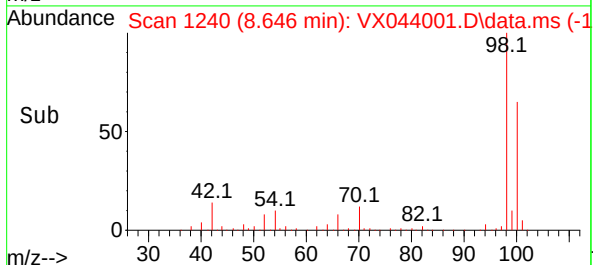
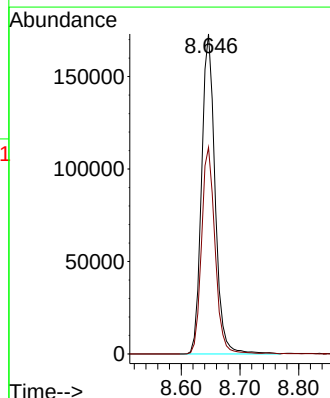
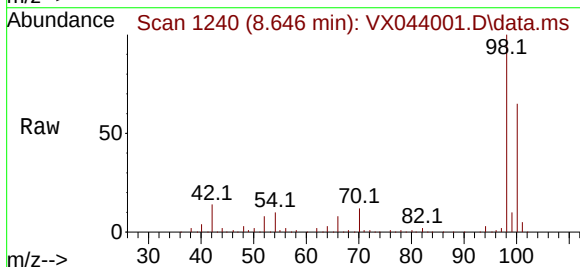
Acq: 25 Nov 2024 20:49

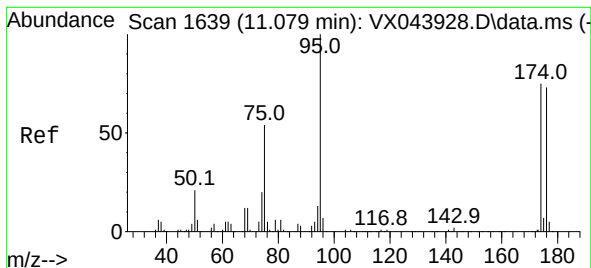
Tgt Ion: 98 Resp: 275478

Ion Ratio Lower Upper

98 100

100 64.5 52.6 79.0

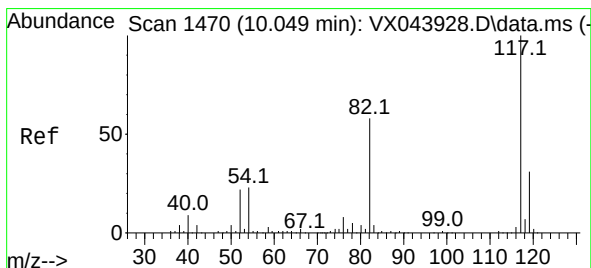
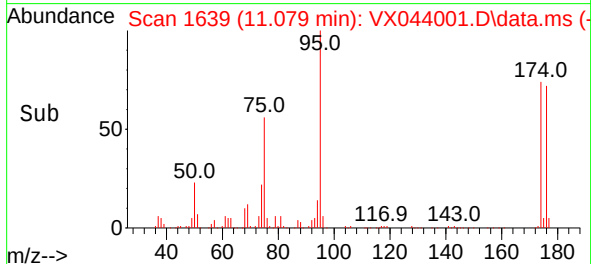
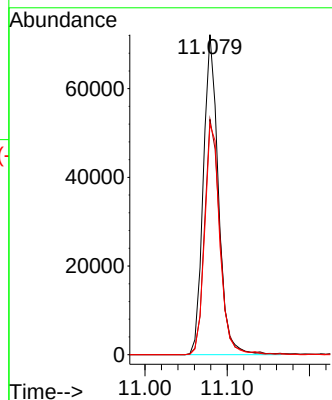
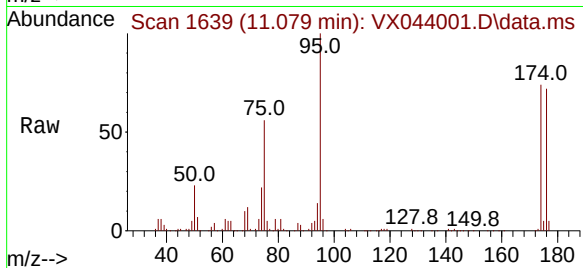




#62
4-Bromofluorobenzene
Concen: 49.412 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044001.D
Acq: 25 Nov 2024 20:49

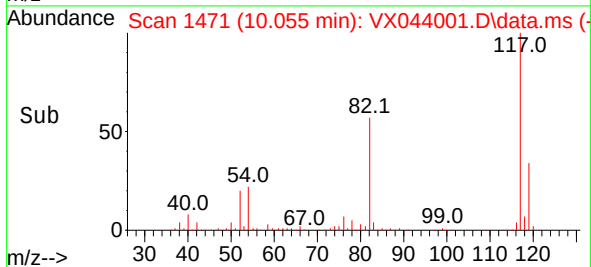
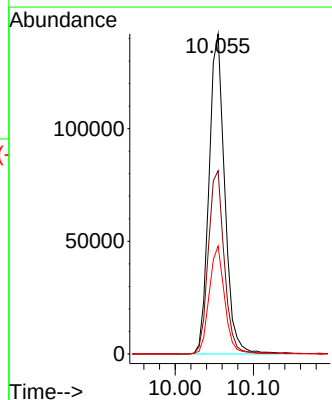
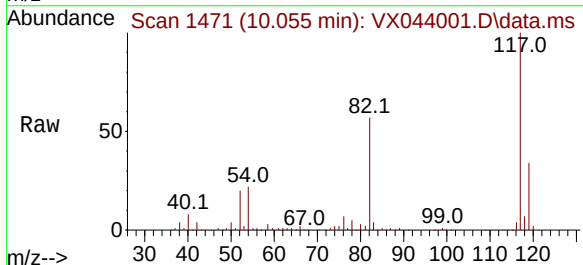
Instrument :
MSVOA_X
ClientSampleId :
001

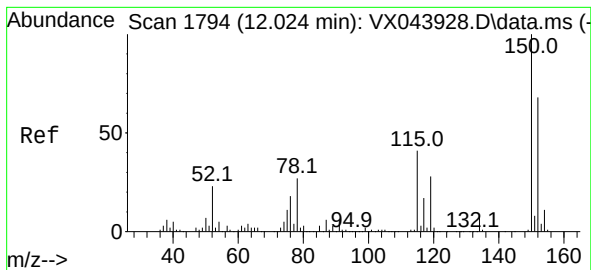
Tgt Ion: 95 Resp: 91730
Ion Ratio Lower Upper
95 100
174 75.3 0.0 150.4
176 73.1 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044001.D
Acq: 25 Nov 2024 20:49

Tgt Ion: 117 Resp: 197663
Ion Ratio Lower Upper
117 100
82 57.2 46.4 69.6
119 33.7 24.6 37.0

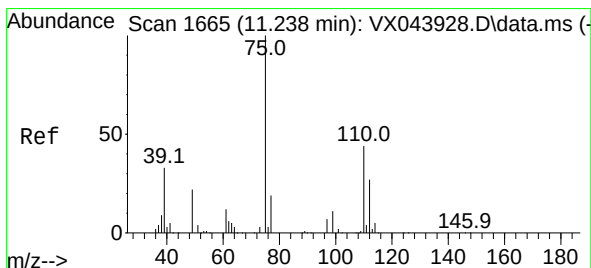
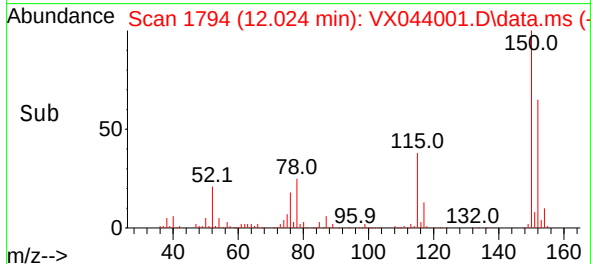
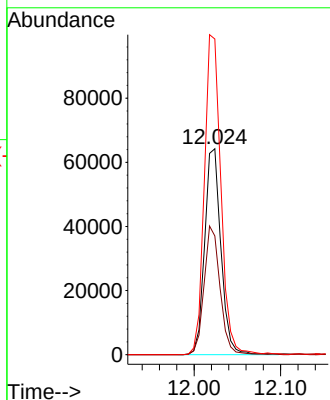
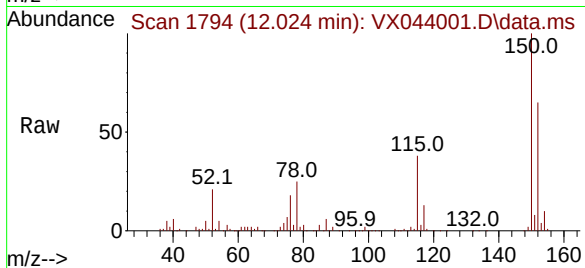




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX044001.D
 Acq: 25 Nov 2024 20:49

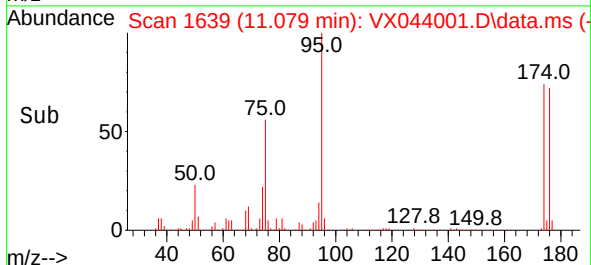
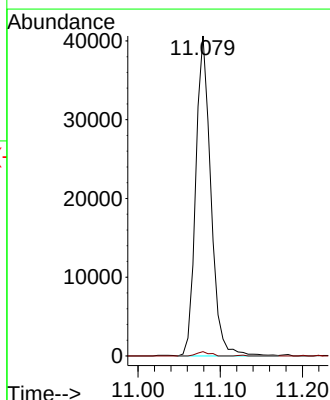
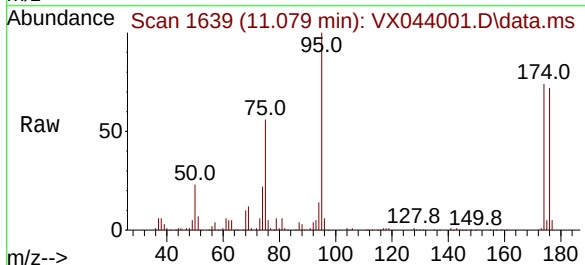
Instrument :
 MSVOA_X
 ClientSampleId :
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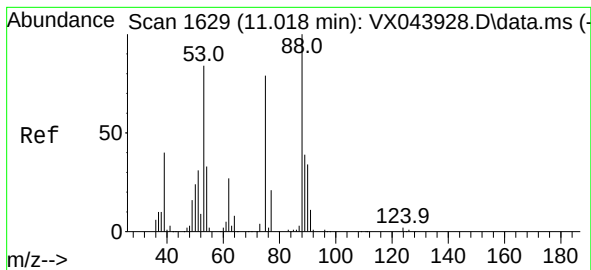
Tgt Ion:152 Resp: 83986
 Ion Ratio Lower Upper
 152 100
 115 61.3 45.4 136.2
 150 157.0 0.0 353.0



#76
 1,2,3-Trichloropropane
 Concen: 28.187 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX044001.D
 Acq: 25 Nov 2024 20:49

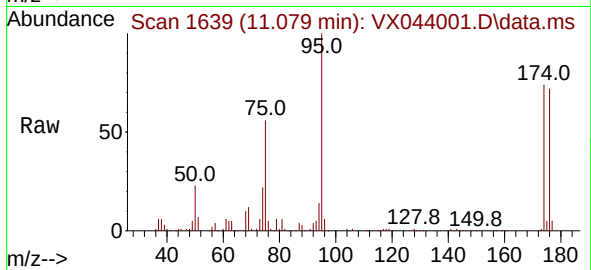
Tgt Ion: 75 Resp: 51915
 Ion Ratio Lower Upper
 75 100
 77 1.2 21.8 65.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 76.916 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX044001.D
Acq: 25 Nov 2024 20:49

Instrument :
MSVOA_X
ClientSampleId :
001



Tgt Ion: 75 Resp: 51915
Ion Ratio Lower Upper
75 100
53 0.0 86.7 130.1#
89 0.2 38.2 57.2#

