

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090321\
 Data File : VX024102.D
 Acq On : 03 Sep 2021 15:05
 Operator : JC/MD
 Sample : M3643-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OF-3

Quant Time: Sep 04 01:29:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

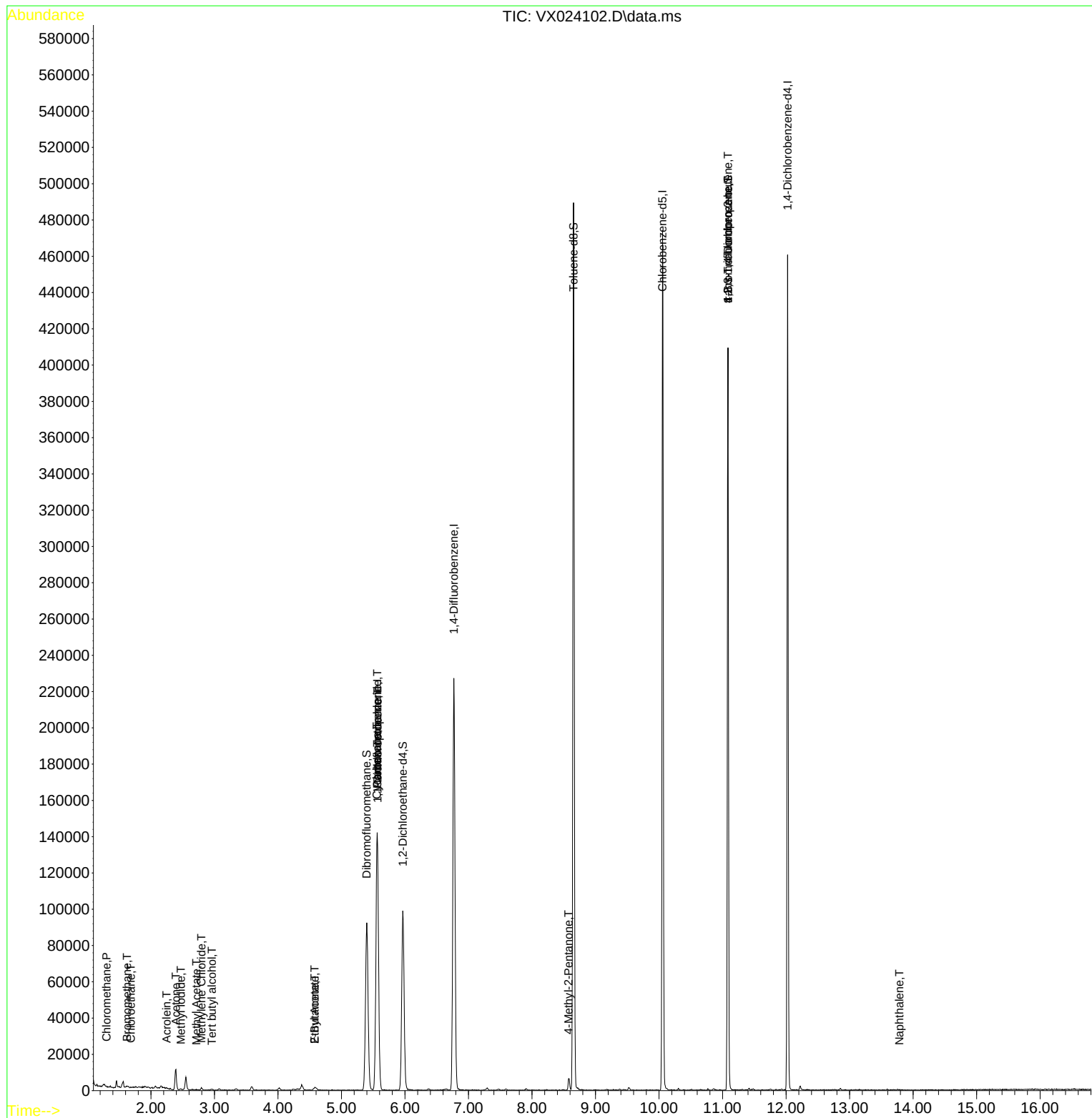
Internal Standards						
1) Pentafluorobenzene	5.562	168	132525	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	220888	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90375	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	99872	53.996	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.000%
35) Dibromofluoromethane	5.397	113	76879	52.585	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.160%
50) Toluene-d8	8.653	98	278338	50.021	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.040%
62) 4-Bromofluorobenzene	11.085	95	100617	49.119	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.240%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	428	0.279	ug/l #	75
5) Bromomethane	1.623	94	509	0.541	ug/l	87
6) Chloroethane	1.684	64	94	2.289	ug/l #	43
10) Methyl Iodide	2.471	142	718	0.388	ug/l #	82
11) Tert butyl alcohol	2.959	59	409	1.093	ug/l #	73
13) Acrolein	2.245	56	115	0.517	ug/l #	55
16) Acetone	2.392	43	12113	14.647	ug/l #	85
18) Methyl Acetate	2.715	43	455	0.220	ug/l #	47
20) Methylene Chloride	2.794	84	613	0.388	ug/l #	85
25) 2-Butanone	4.574	43	2237	1.786	ug/l #	68
31) Cyclohexane	5.556	56	3055	1.286	ug/l #	41
36) 1,1-Dichloropropene	5.568	75	10432	5.100	ug/l #	50
37) Ethyl Acetate	4.574	43	2237	0.890	ug/l #	64
38) Carbon Tetrachloride	5.562	117	13383	6.274	ug/l #	17
51) 4-Methyl-2-Pentanone	8.573	43	4323	1.700	ug/l	87
76) 1,2,3-Trichloropropane	11.085	75	55438	26.296	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	55438	77.351	ug/l #	12
95) Naphthalene	13.786	128	279	1.324	ug/l #	69

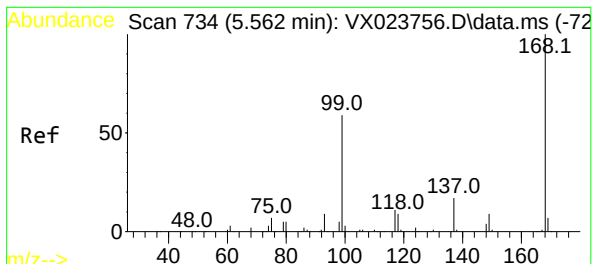
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 17 11:57:51 2021
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.000 min

Lab File: VX024102.D

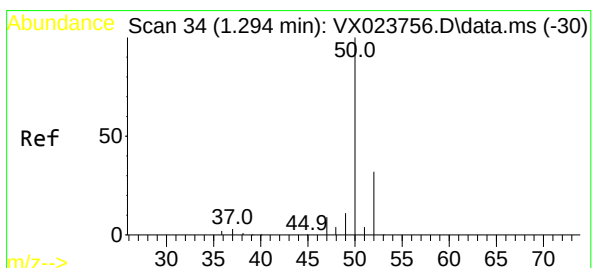
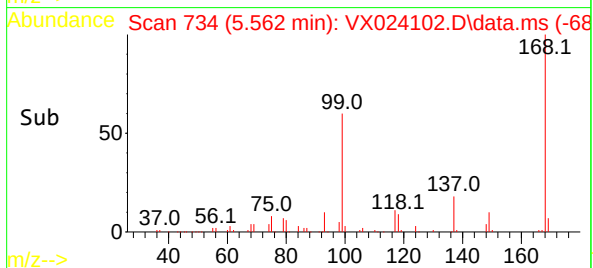
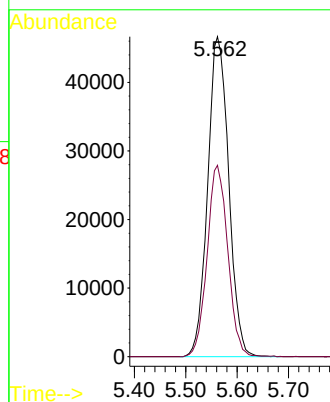
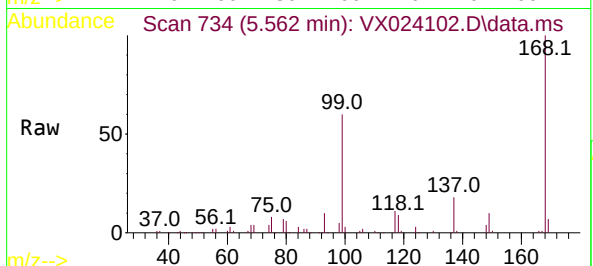
Acq: 03 Sep 2021 15:05

Tgt Ion:168 Resp: 132525

Ion Ratio Lower Upper

168 100

99 59.8 45.8 68.6



#3

Chloromethane

Concen: 0.279 ug/l

RT: 1.300 min Scan# 35

Delta R.T. 0.006 min

Lab File: VX024102.D

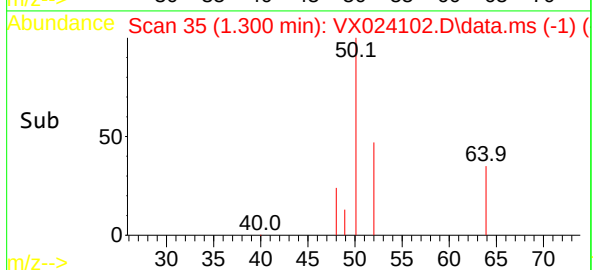
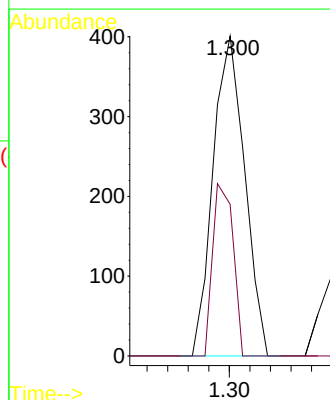
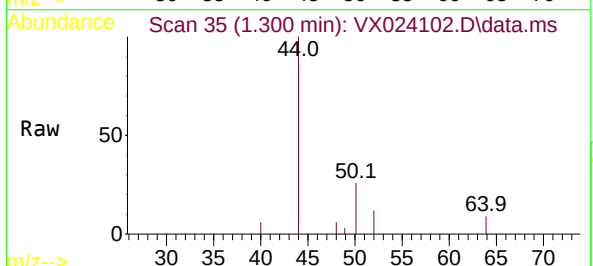
Acq: 03 Sep 2021 15:05

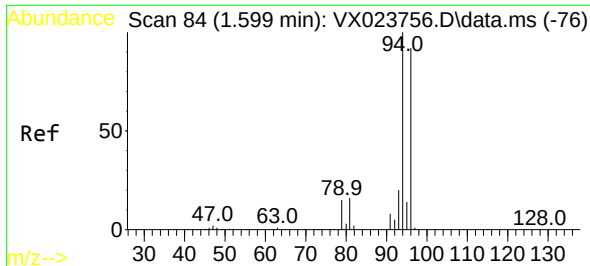
Tgt Ion: 50 Resp: 428

Ion Ratio Lower Upper

50 100

52 47.4 26.4 39.6#

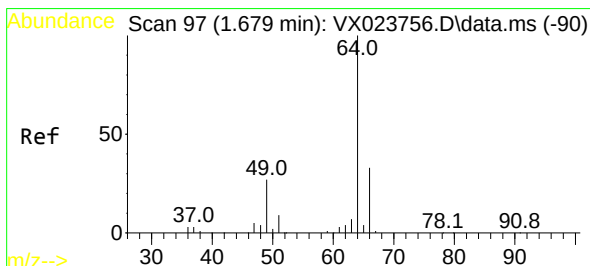
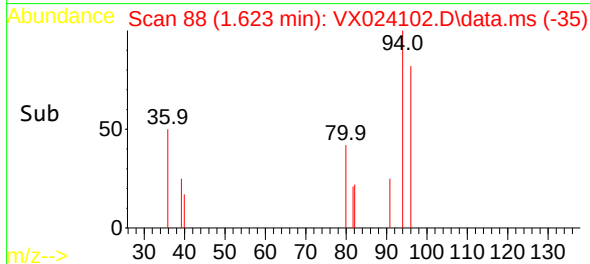
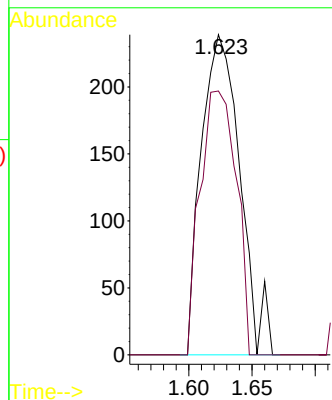
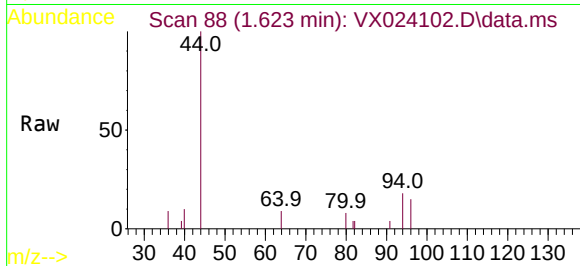




#5
Bromomethane
Concen: 0.541 ug/l
RT: 1.623 min Scan# 88
Delta R.T. 0.024 min
Lab File: VX024102.D
Acq: 03 Sep 2021 15:05

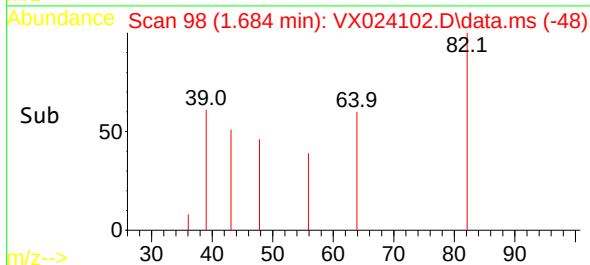
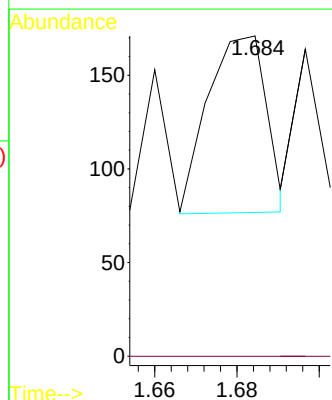
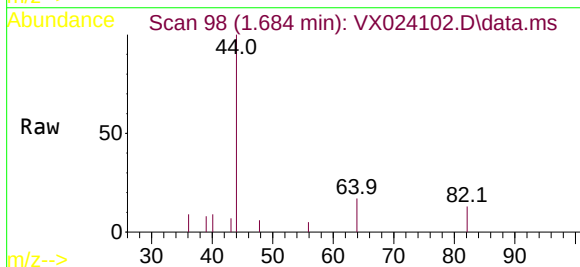
Instrument :
MSVOA_X
ClientSampled :
OF-3

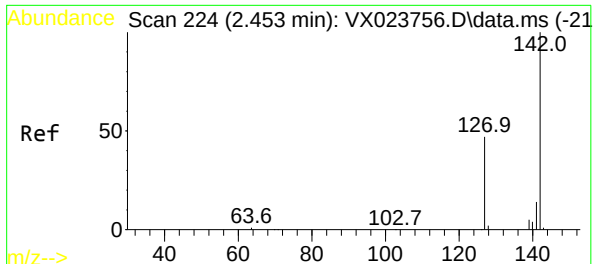
Tgt Ion: 94 Resp: 509
Ion Ratio Lower Upper
94 100
96 82.4 76.4 114.6



#6
Chloroethane
Concen: 2.289 ug/l
RT: 1.684 min Scan# 98
Delta R.T. 0.005 min
Lab File: VX024102.D
Acq: 03 Sep 2021 15:05

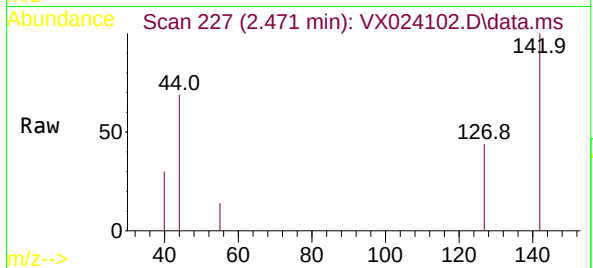
Tgt Ion: 64 Resp: 94
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



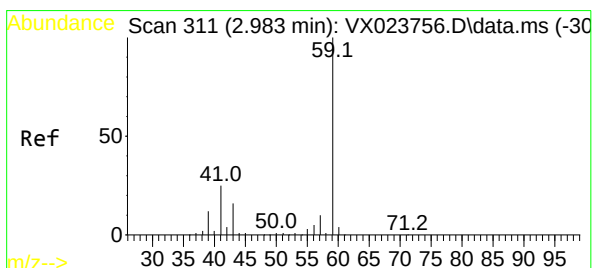
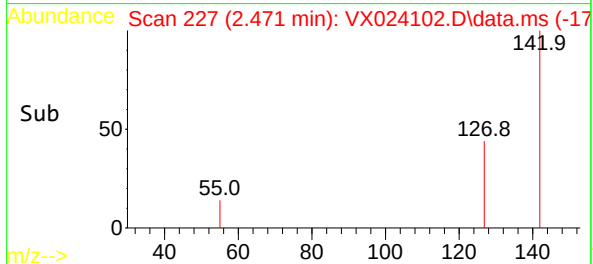
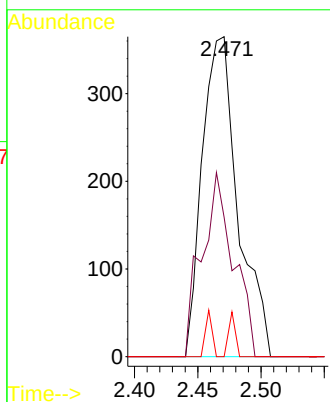


#10
Methyl Iodide
Concen: 0.388 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX024102.D
Acq: 03 Sep 2021 15:05

Instrument :
MSVOA_X
ClientSampleId :
OF-3

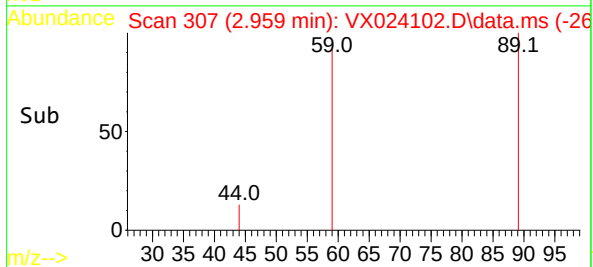
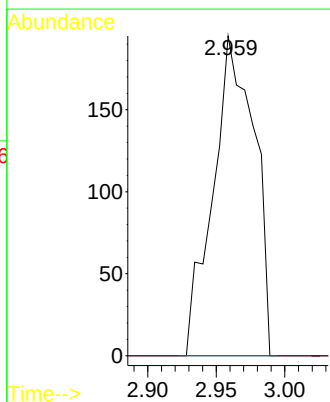
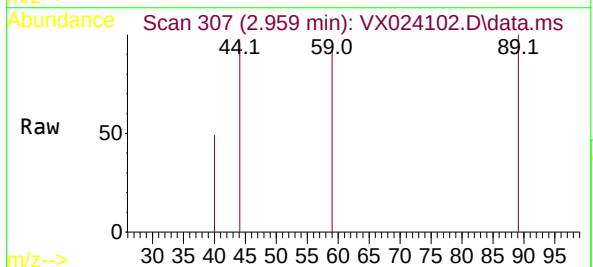


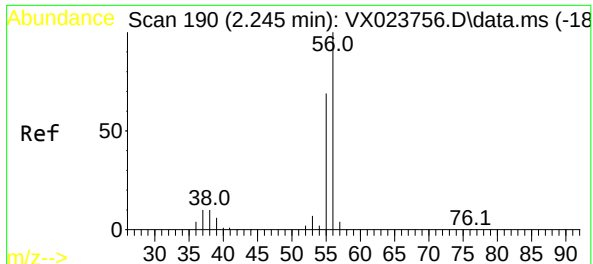
Tgt Ion:142 Resp: 718
Ion Ratio Lower Upper
142 100
127 50.8 33.3 49.9#
141 2.6 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.093 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX024102.D
Acq: 03 Sep 2021 15:05

Tgt Ion: 59 Resp: 409
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

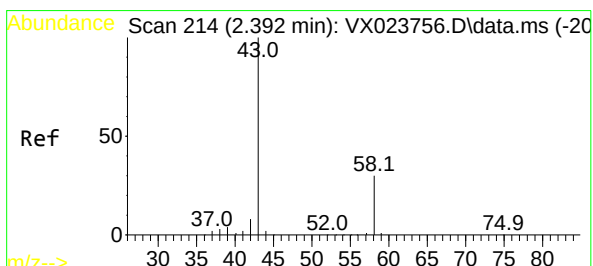
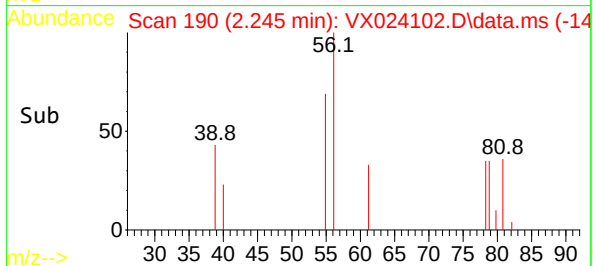
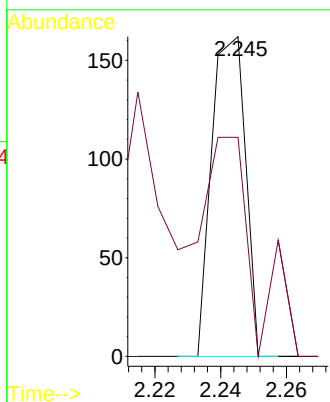
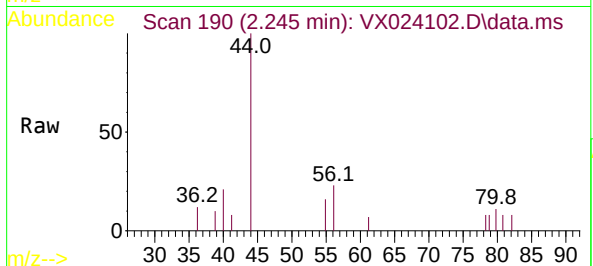




#13
Acrolein
Concen: 0.517 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.000 min
Lab File: VX024102.D
Acq: 03 Sep 2021 15:05

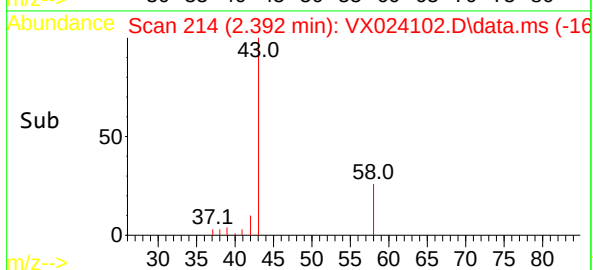
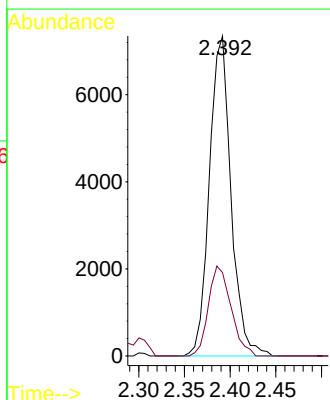
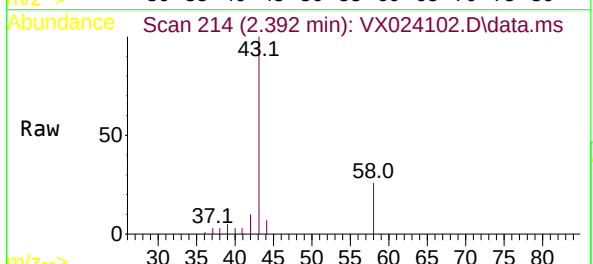
Instrument :
MSVOA_X
ClientSampled :
OF-3

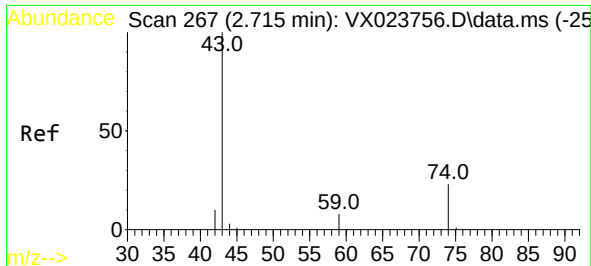
Tgt Ion: 56 Resp: 115
Ion Ratio Lower Upper
56 100
55 107.8 56.4 84.6#



#16
Acetone
Concen: 14.647 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024102.D
Acq: 03 Sep 2021 15:05

Tgt Ion: 43 Resp: 12113
Ion Ratio Lower Upper
43 100
58 26.0 27.8 41.8#





#18

Methyl Acetate

Concen: 0.220 ug/l

RT: 2.715 min Scan# 267

Delta R.T. -0.000 min

Lab File: VX024102.D

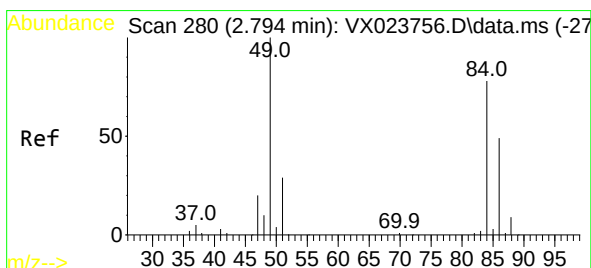
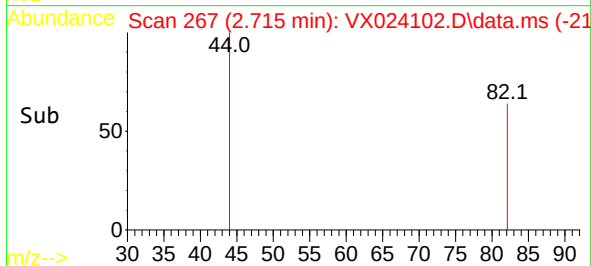
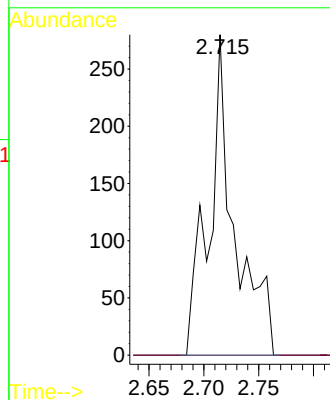
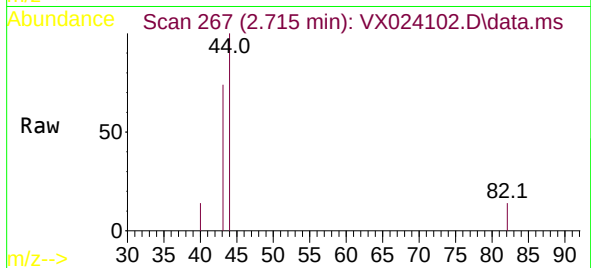
Acq: 03 Sep 2021 15:05

Tgt Ion: 43 Resp: 455

Ion Ratio Lower Upper

43 100

74 0.0 21.9 32.9#



#20

Methylene Chloride

Concen: 0.388 ug/l

RT: 2.794 min Scan# 280

Delta R.T. -0.000 min

Lab File: VX024102.D

Acq: 03 Sep 2021 15:05

Tgt Ion: 84 Resp: 613

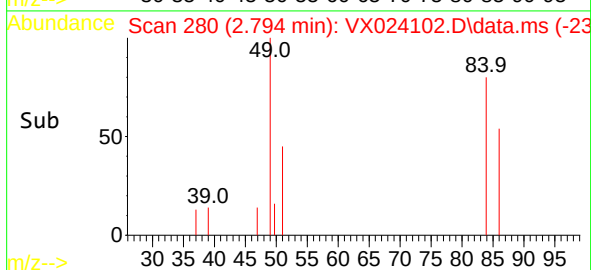
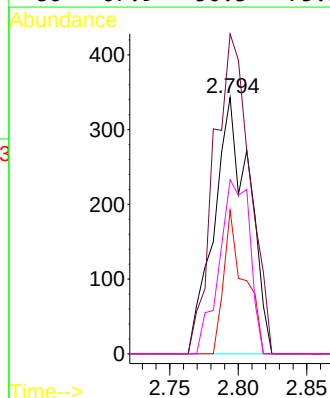
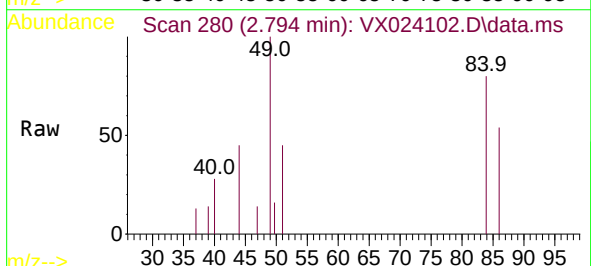
Ion Ratio Lower Upper

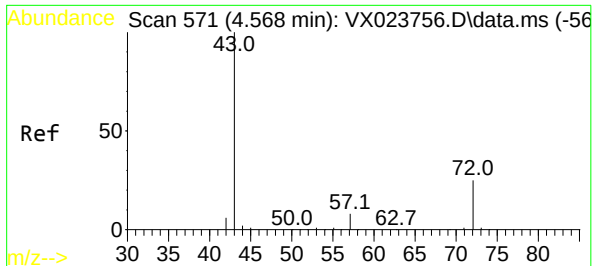
84 100

49 124.8 88.6 132.8

51 56.0 27.0 40.6#

86 67.9 50.3 75.5

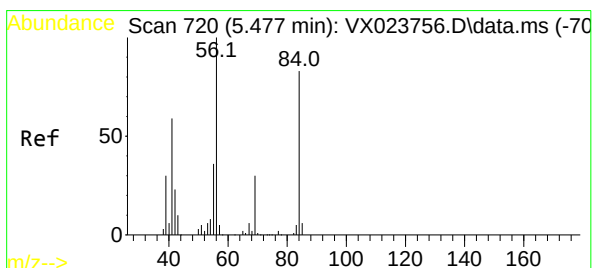
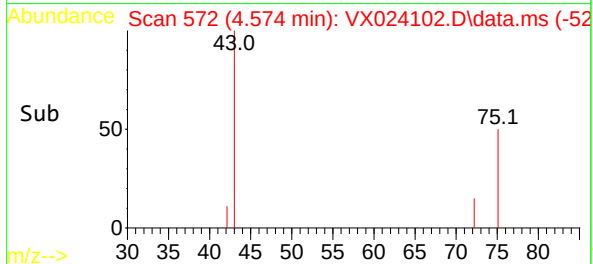
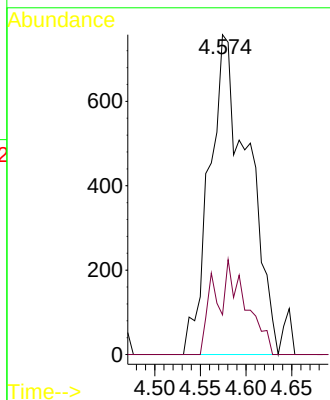
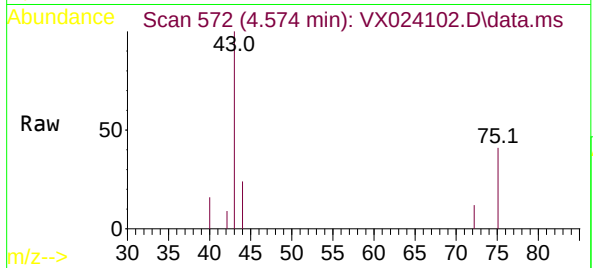




#25
2-Butanone
Concen: 1.786 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX024102.D
Acq: 03 Sep 2021 15:05

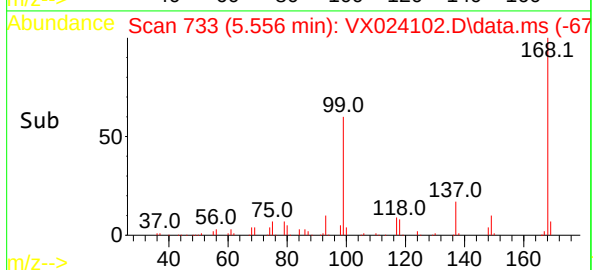
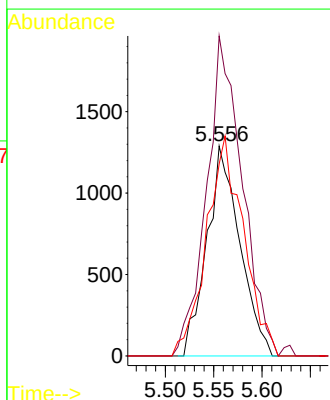
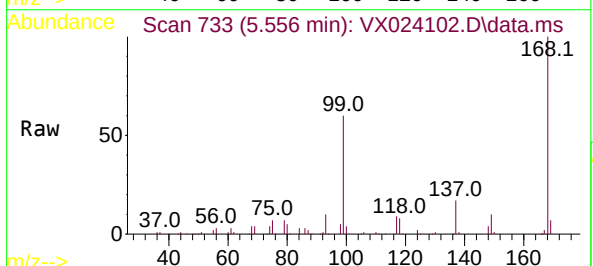
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OF-3

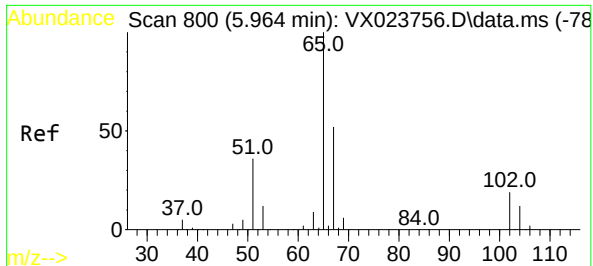
Tgt Ion: 43 Resp: 2237
Ion Ratio Lower Upper
43 100
72 12.4 23.7 35.5#



#31
Cyclohexane
Concen: 1.286 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024102.D
Acq: 03 Sep 2021 15:05

Tgt Ion: 56 Resp: 3055
Ion Ratio Lower Upper
56 100
69 152.4 25.3 37.9#
84 91.5 71.4 107.0



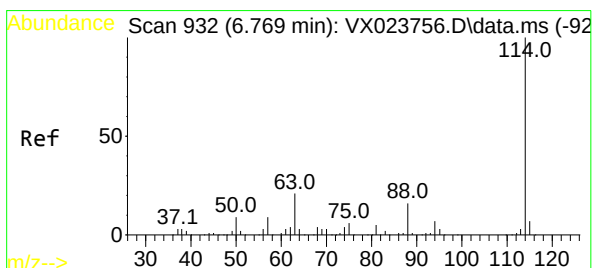
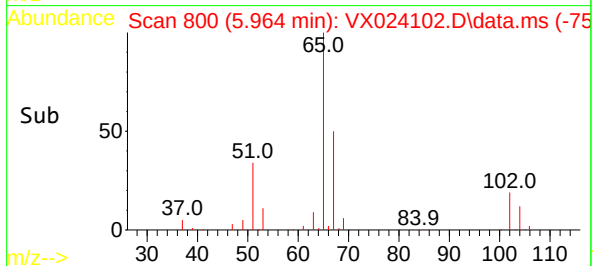
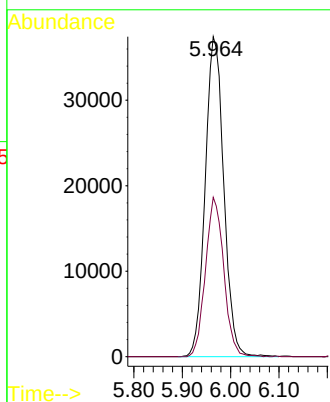
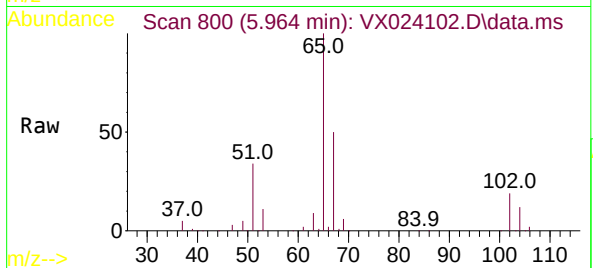


#33

1,2-Dichloroethane-d4
Concen: 53.996 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024102.D
Acq: 03 Sep 2021 15:05

Instrument :
MSVOA_X
ClientSampled :
OF-3

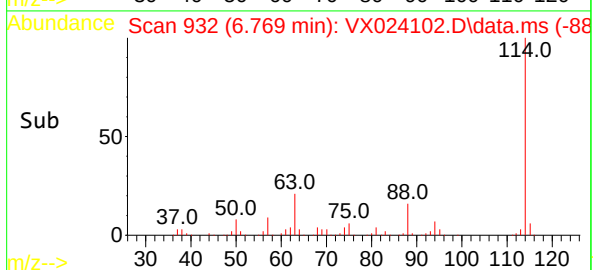
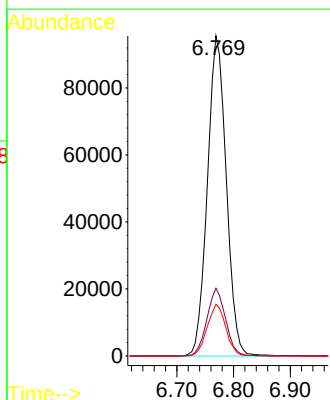
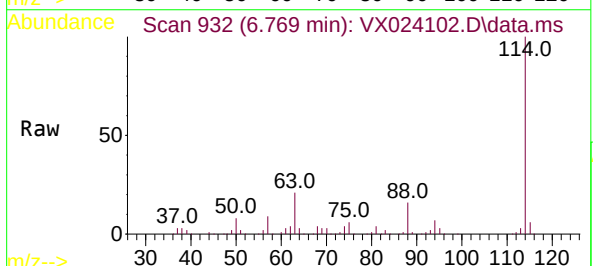
Tgt Ion: 65 Resp: 99872
Ion Ratio Lower Upper
65 100
67 49.1 0.0 105.4

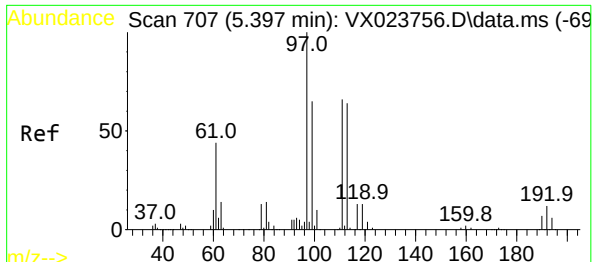


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024102.D
Acq: 03 Sep 2021 15:05

Tgt Ion: 114 Resp: 220888
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.8
88 16.1 0.0 32.8

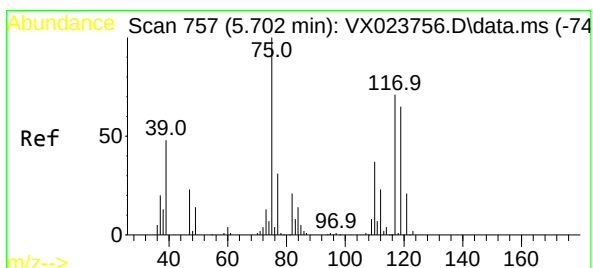
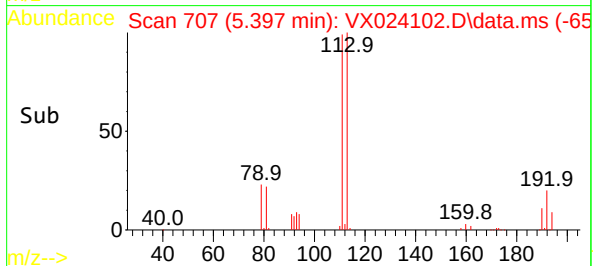
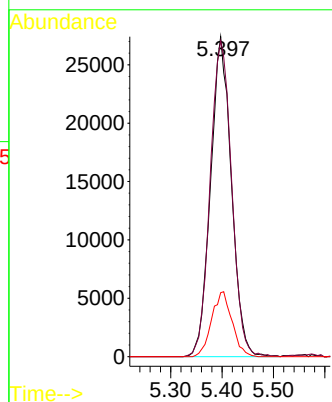
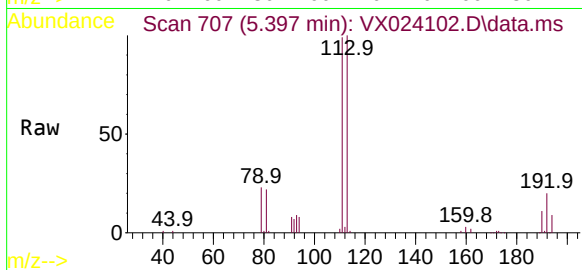




#35
Dibromofluoromethane
Concen: 52.585 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024102.D
Acq: 03 Sep 2021 15:05

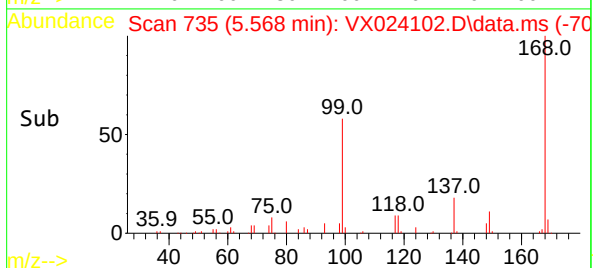
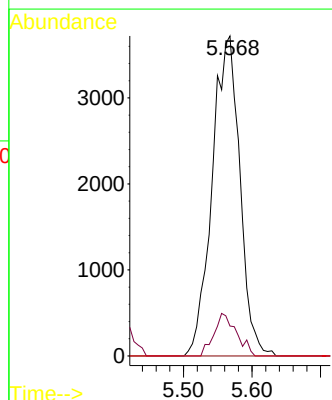
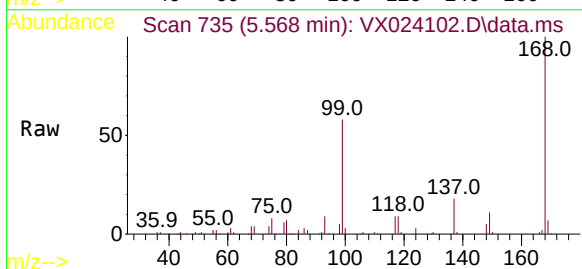
Instrument :
MSVOA_X
ClientSampled :
OF-3

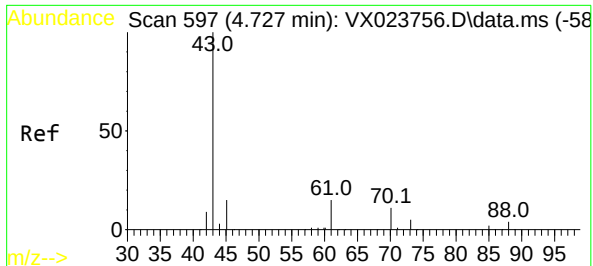
Tgt Ion:113 Resp: 76879
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 19.9 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.100 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.134 min
Lab File: VX024102.D
Acq: 03 Sep 2021 15:05

Tgt Ion: 75 Resp: 10432
Ion Ratio Lower Upper
75 100
110 10.8 18.1 54.4#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 0.890 ug/l

RT: 4.574 min Scan# 572

Delta R.T. -0.153 min

Lab File: VX024102.D

Acq: 03 Sep 2021 15:05

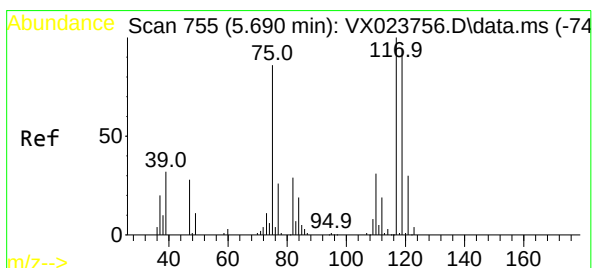
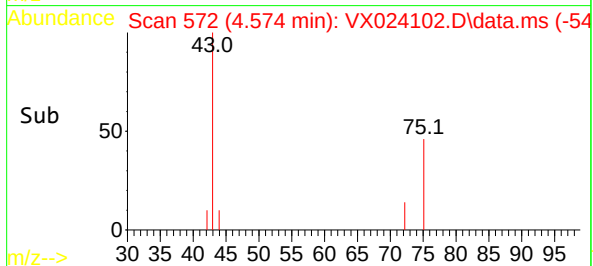
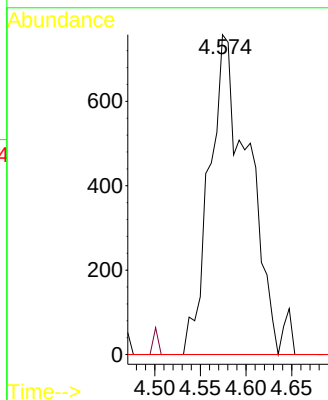
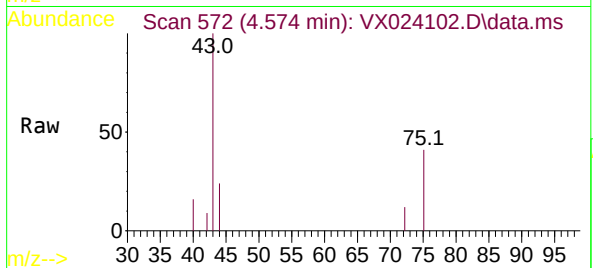
Instrument :

MSVOA_X

ClientSampleId :

OF-3

Tgt Ion: 43	Resp: 2237
Ion Ratio	Lower Upper
43 100	
61 0.0	12.8 19.2#
70 0.0	10.5 15.7#



#38

Carbon Tetrachloride

Concen: 6.274 ug/l

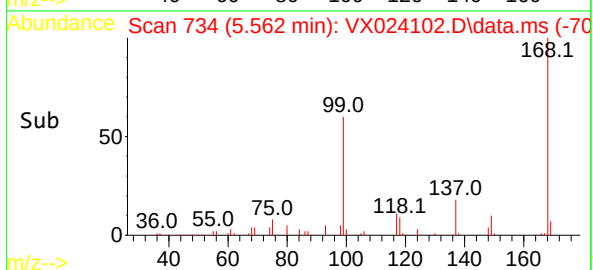
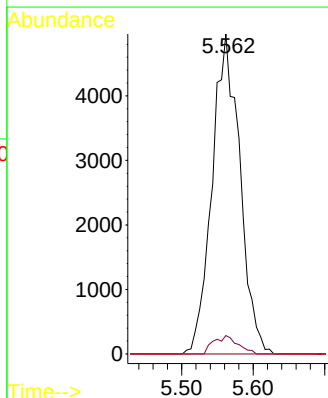
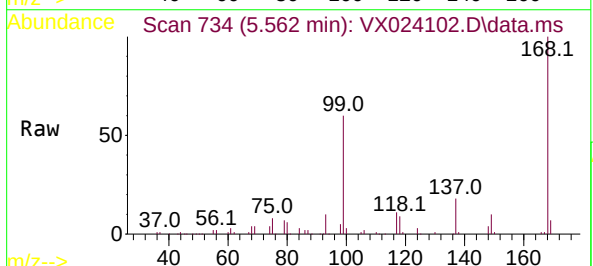
RT: 5.562 min Scan# 734

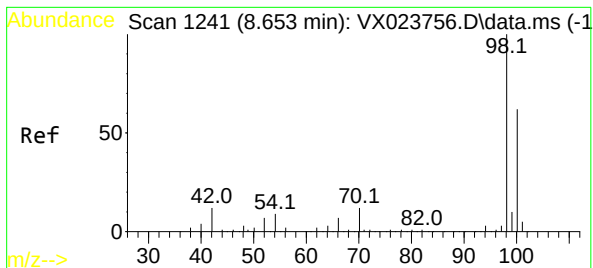
Delta R.T. -0.128 min

Lab File: VX024102.D

Acq: 03 Sep 2021 15:05

Tgt Ion: 117	Resp: 13383
Ion Ratio	Lower Upper
117 100	
119 5.7	76.2 114.2#
121 0.0	24.8 37.2#

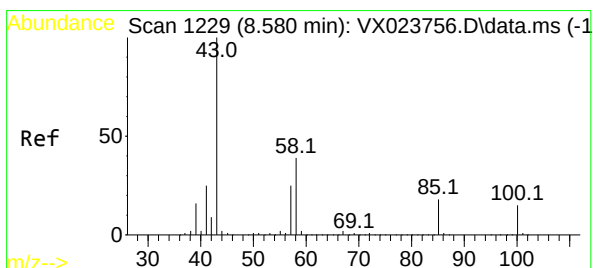
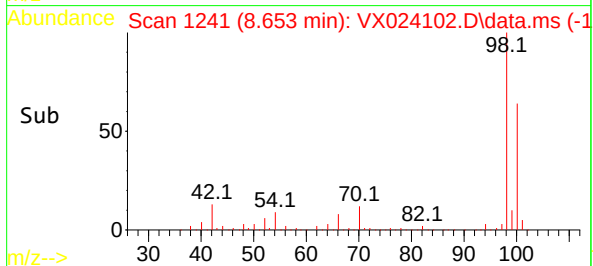
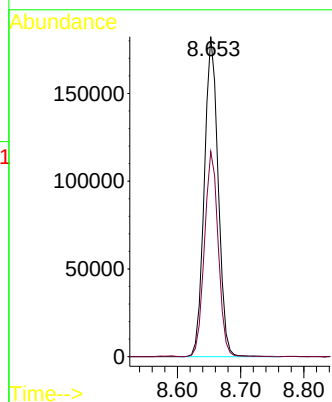
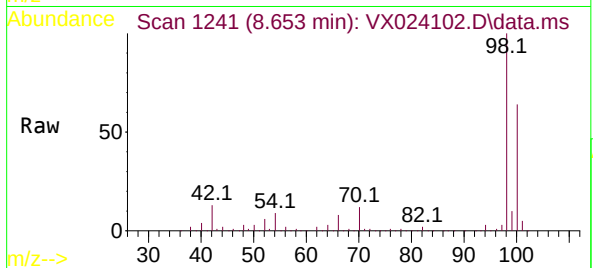




#50
Toluene-d8
Concen: 50.021 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024102.D
Acq: 03 Sep 2021 15:05

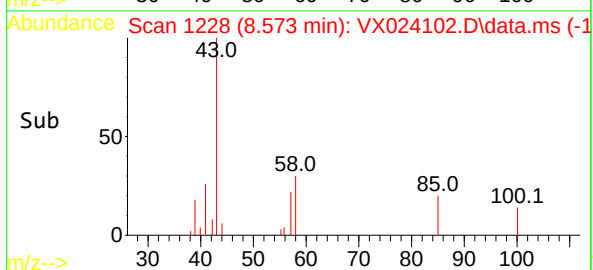
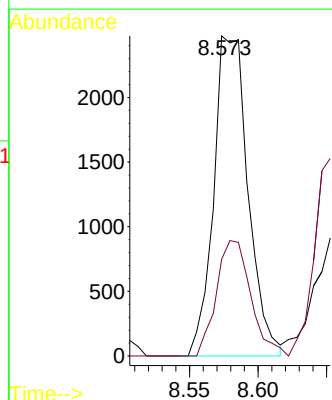
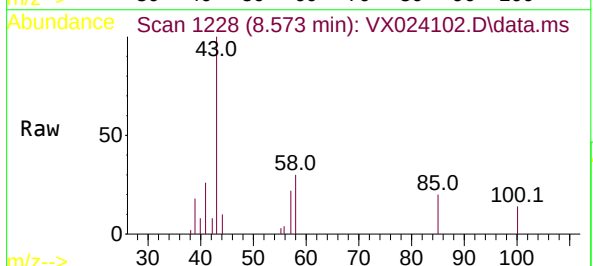
Instrument :
MSVOA_X
ClientSampled :
OF-3

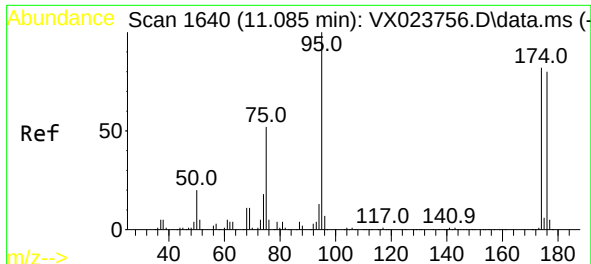
Tgt Ion: 98 Resp: 278338
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.700 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.007 min
Lab File: VX024102.D
Acq: 03 Sep 2021 15:05

Tgt Ion: 43 Resp: 4323
Ion Ratio Lower Upper
43 100
58 36.0 35.4 53.0

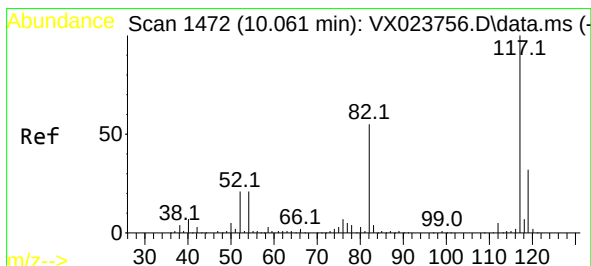
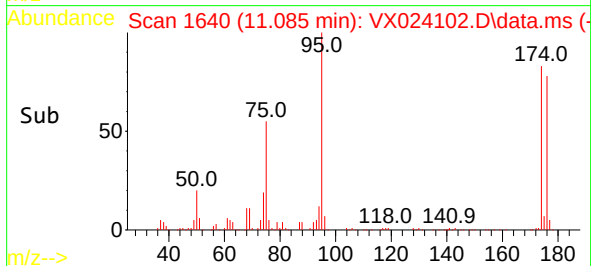
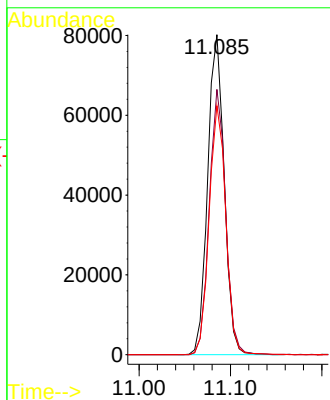
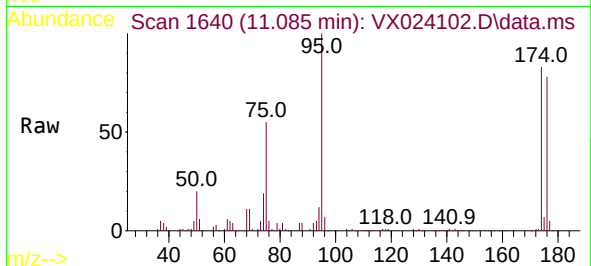




#62
4-Bromofluorobenzene
Concen: 49.119 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024102.D
Acq: 03 Sep 2021 15:05

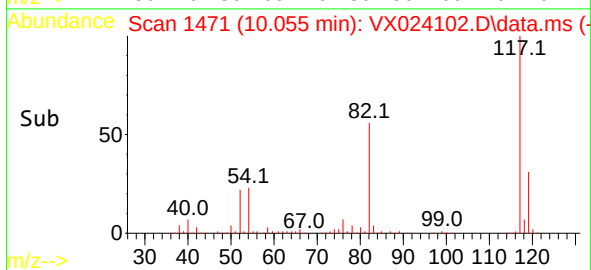
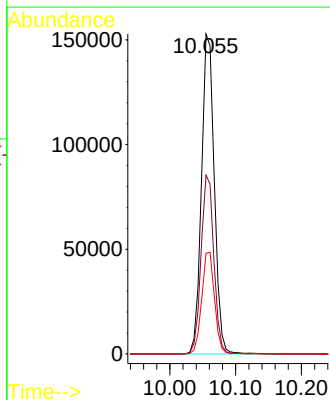
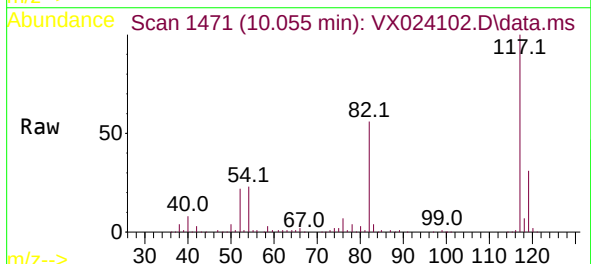
Instrument :
MSVOA_X
ClientSampled :
OF-3

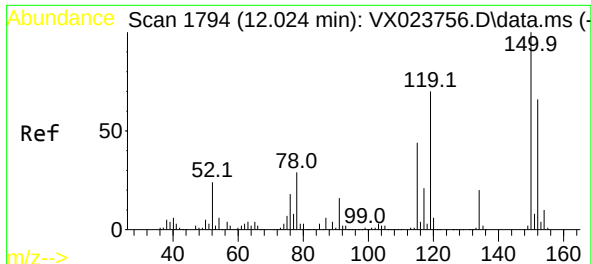
Tgt Ion: 95 Resp: 100617
Ion Ratio Lower Upper
95 100
174 82.2 0.0 154.6
176 78.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024102.D
Acq: 03 Sep 2021 15:05

Tgt Ion: 117 Resp: 207429
Ion Ratio Lower Upper
117 100
82 55.8 47.4 71.2
119 31.4 26.6 39.8

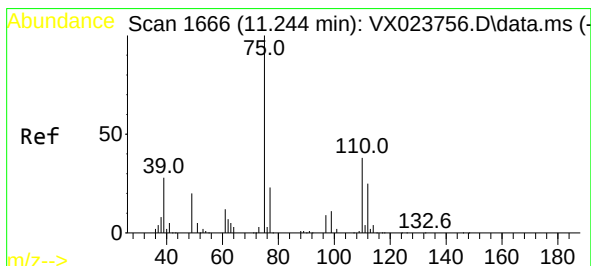
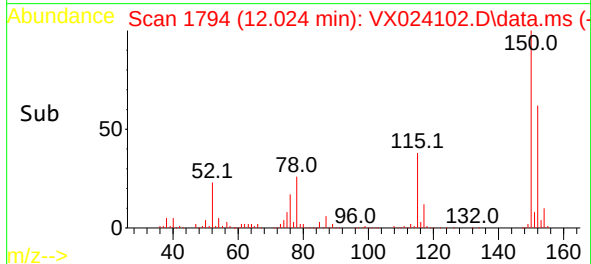
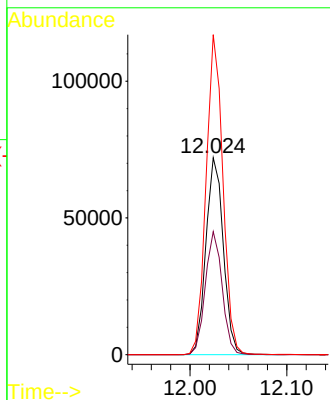
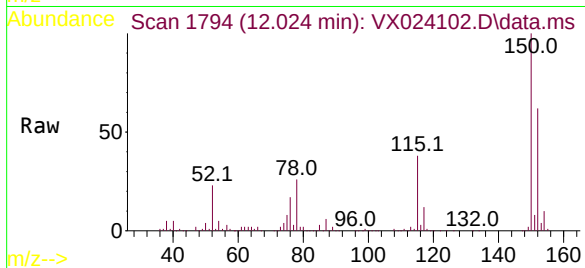




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024102.D
Acq: 03 Sep 2021 15:05

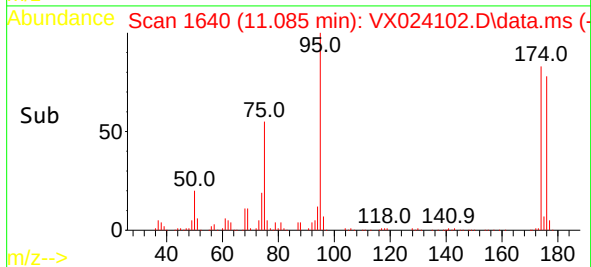
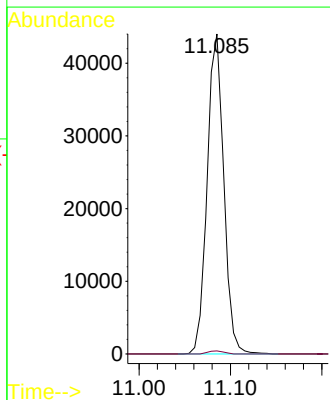
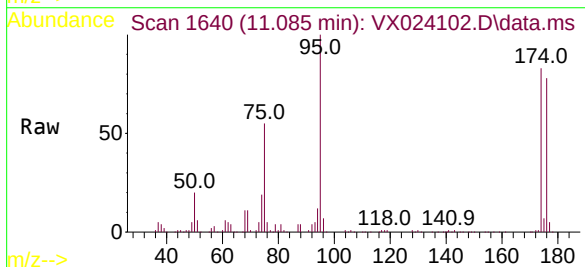
Instrument :
MSVOA_X
ClientSampled :
OF-3

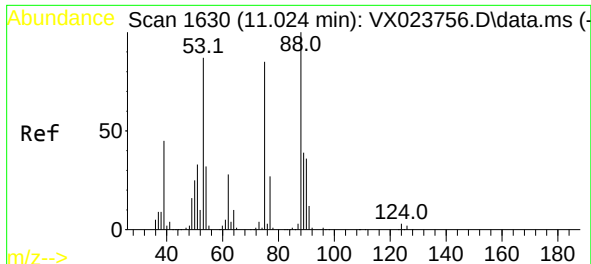
Tgt Ion:152 Resp: 90375
Ion Ratio Lower Upper
152 100
115 60.5 41.1 123.3
150 156.2 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 26.296 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024102.D
Acq: 03 Sep 2021 15:05

Tgt Ion: 75 Resp: 55438
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#

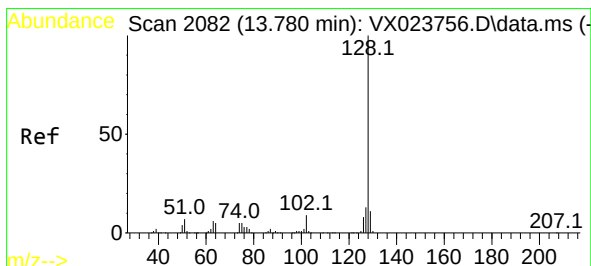
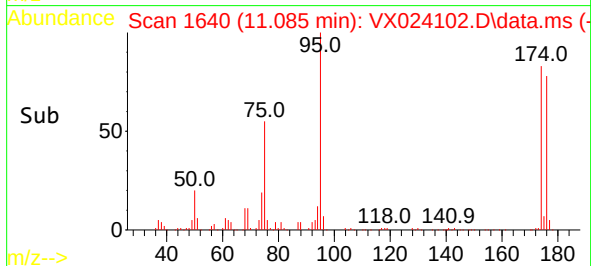
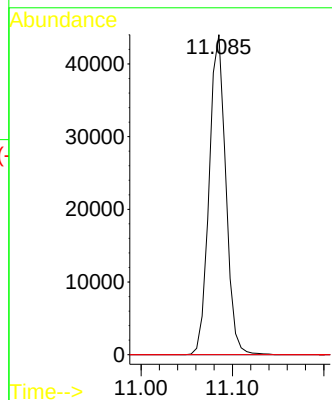
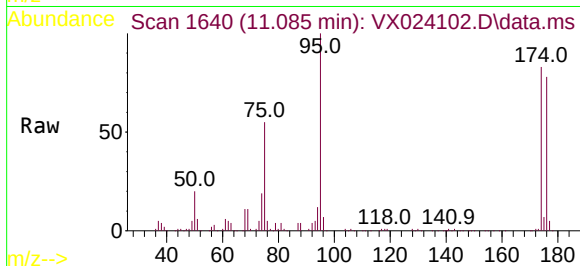




#81
trans-1,4-Dichloro-2-butene
Concen: 77.351 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024102.D
Acq: 03 Sep 2021 15:05

Instrument :
MSVOA_X
ClientSampleId :
OF-3

Tgt Ion: 75 Resp: 55438
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.324 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX024102.D
Acq: 03 Sep 2021 15:05

Tgt Ion:128 Resp: 279
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

