

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
 Data File : VX025432.D
 Acq On : 02 Dec 2021 16:42
 Operator : JC/MD
 Sample : M4917-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 03 03:08:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

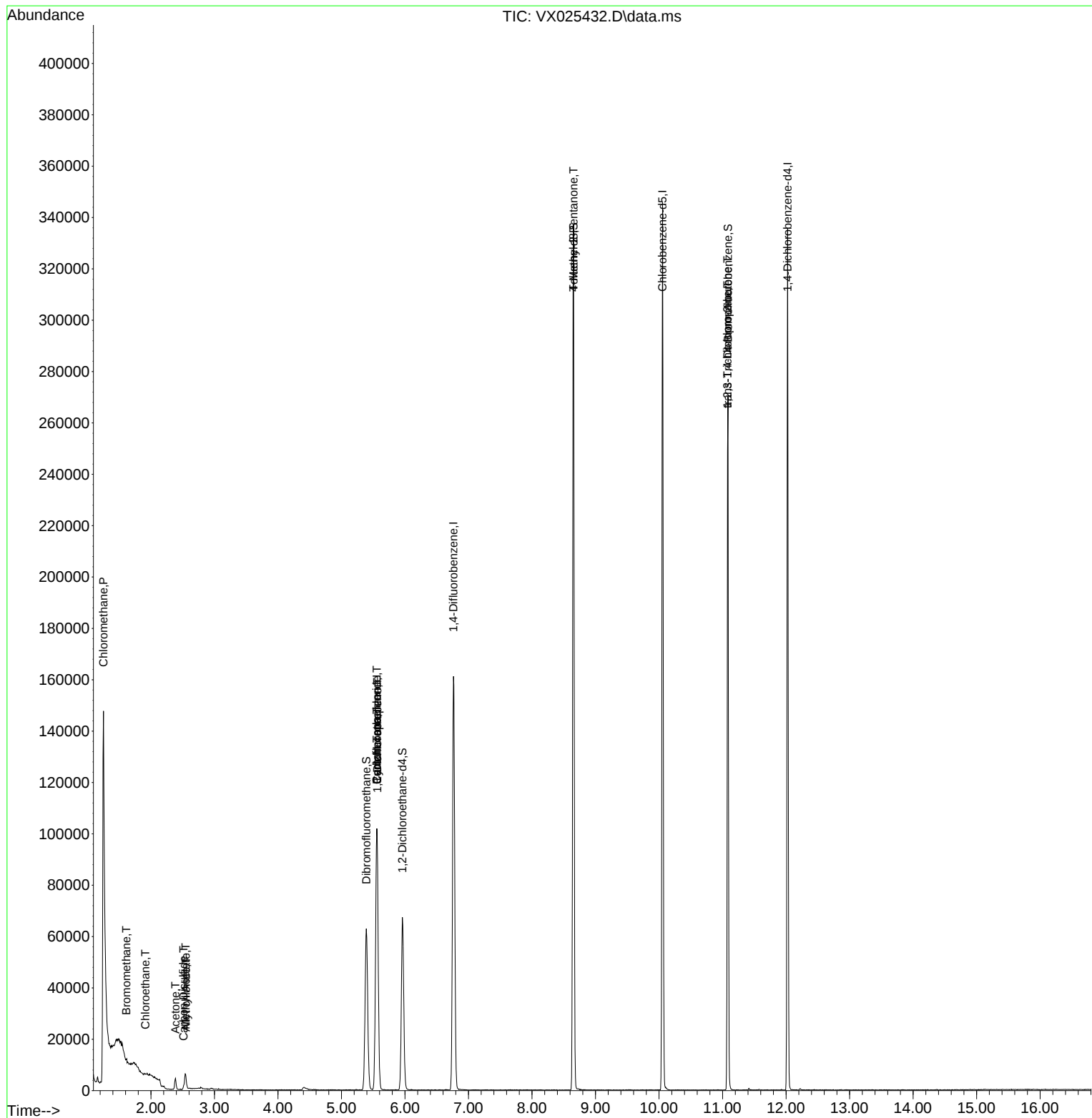
Internal Standards						
1) Pentafluorobenzene	5.556	168	105145	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	175155	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	158364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69575	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61887	55.840	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 111.680%	
35) Dibromofluoromethane	5.391	113	54033	50.278	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.560%	
50) Toluene-d8	8.653	98	202735	50.173	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.340%	
62) 4-Bromofluorobenzene	11.085	95	69985	45.783	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.560%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.252	50	6009	5.325	ug/l #	42
5) Bromomethane	1.611	94	276	0.518	ug/l	98
6) Chloroethane	1.910	64	419	0.490	ug/l #	43
11) Tert butyl alcohol	2.959	59	279	Below Cal	#	72
14) Allyl chloride	2.550	41	624	0.354	ug/l #	66
16) Acetone	2.386	43	4513	7.328	ug/l	89
17) Carbon Disulfide	2.514	76	2216	0.808	ug/l	97
18) Methyl Acetate	2.544	43	1689	0.858	ug/l #	52
31) Cyclohexane	5.556	56	1880	1.098	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	6885	4.505	ug/l #	50
38) Carbon Tetrachloride	5.556	117	9633	5.723	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	855	0.471	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34293	24.069	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34293	60.635	ug/l #	9

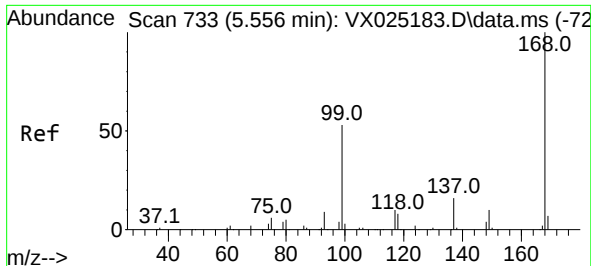
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
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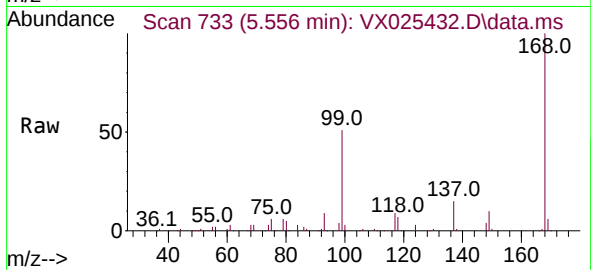
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
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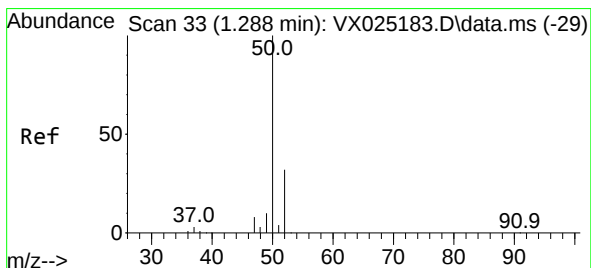
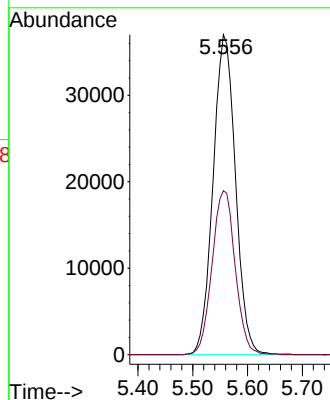
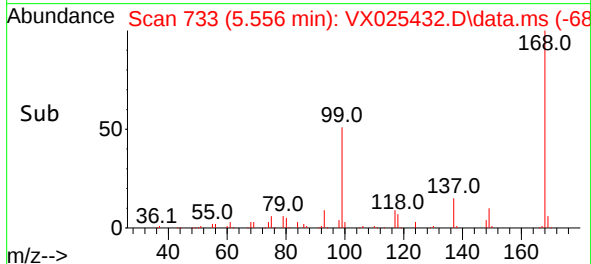


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025432.D
Acq: 02 Dec 2021 16:42

Instrument :
MSVOA_X
ClientSampleId :

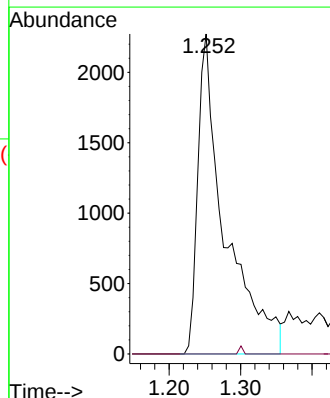
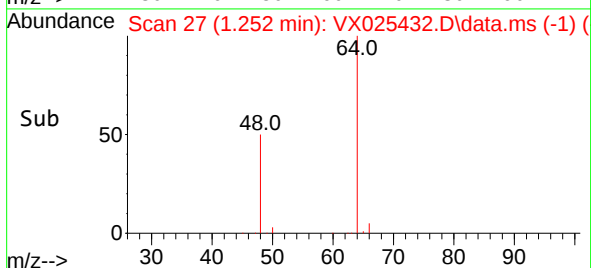
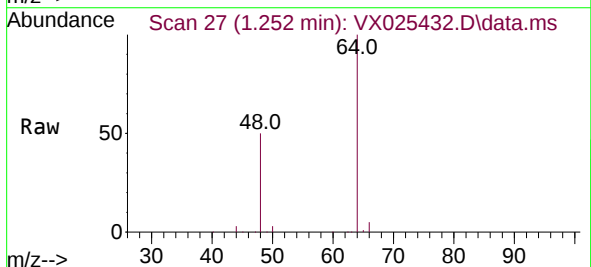


Tgt Ion:168 Resp: 105145
Ion Ratio Lower Upper
168 100
99 51.3 46.4 69.6



#3
Chloromethane
Concen: 5.325 ug/l
RT: 1.252 min Scan# 27
Delta R.T. -0.036 min
Lab File: VX025432.D
Acq: 02 Dec 2021 16:42

Tgt Ion: 50 Resp: 6009
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

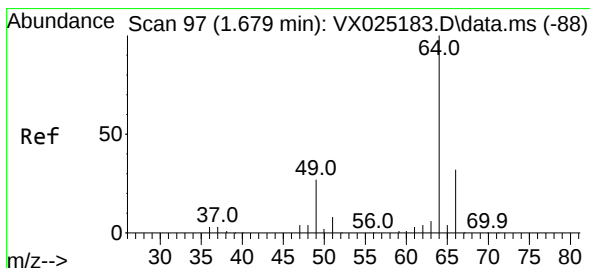
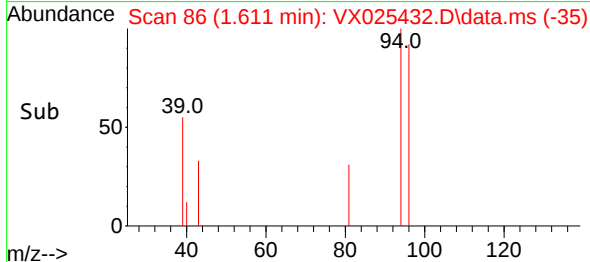
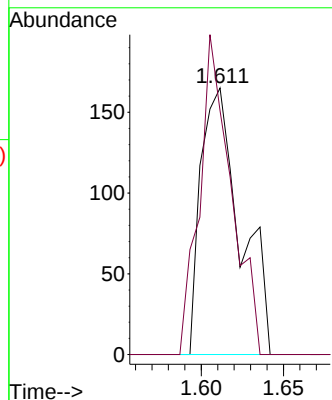
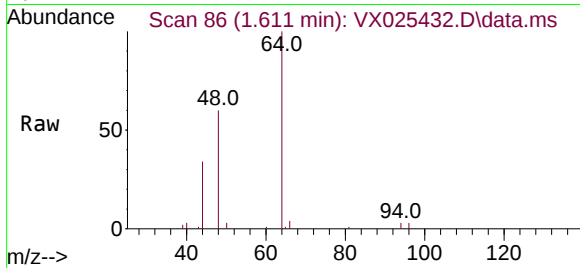




#5
Bromomethane
Concen: 0.518 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX025432.D
Acq: 02 Dec 2021 16:42

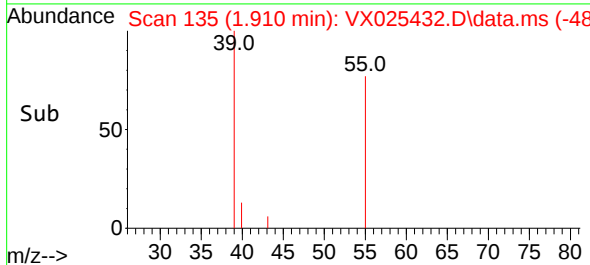
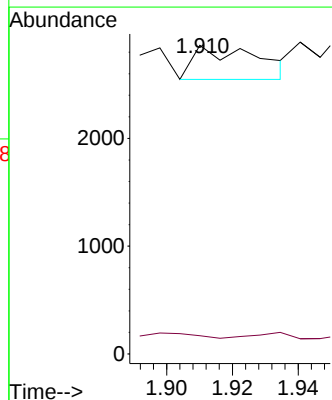
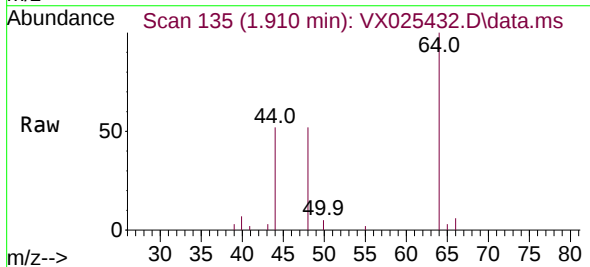
Instrument :
MSVOA_X
ClientSampleId :

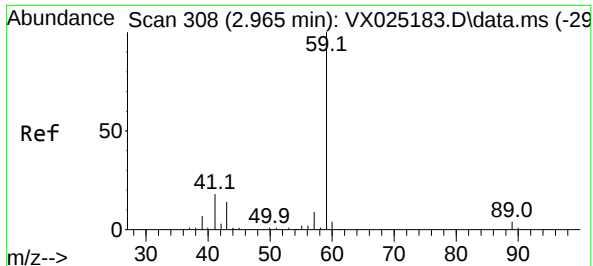
Tgt Ion: 94 Resp: 276
Ion Ratio Lower Upper
94 100
96 91.5 74.8 112.2



#6
Chloroethane
Concen: 0.490 ug/l
RT: 1.910 min Scan# 135
Delta R.T. 0.231 min
Lab File: VX025432.D
Acq: 02 Dec 2021 16:42

Tgt Ion: 64 Resp: 419
Ion Ratio Lower Upper
64 100
66 0.0 25.6 38.4#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.959 min Scan# 30

Delta R.T. -0.006 min

Lab File: VX025432.D

Acq: 02 Dec 2021 16:42

Instrument :

MSVOA_X

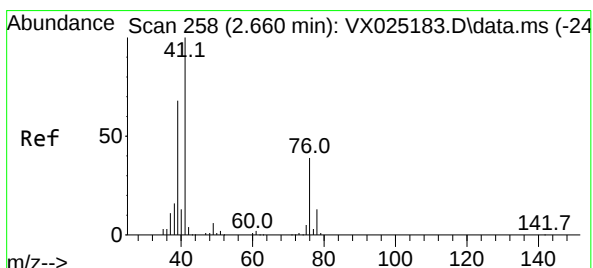
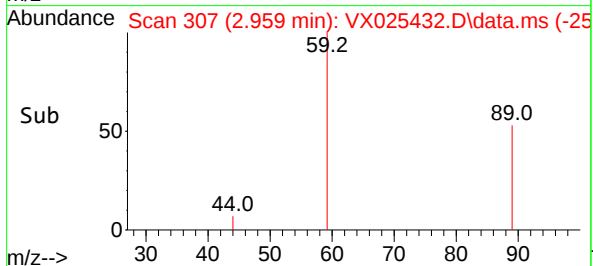
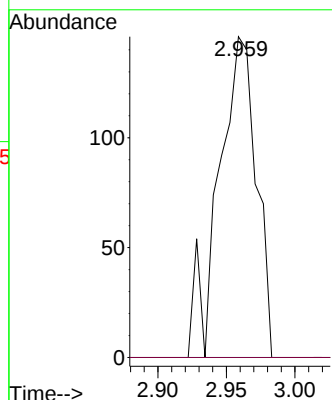
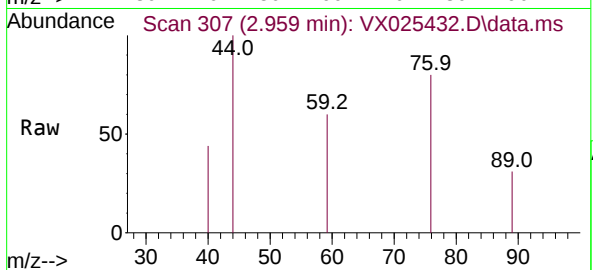
ClientSampleId :

Tgt Ion: 59 Resp: 279

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#14

Allyl chloride

Concen: 0.354 ug/l

RT: 2.550 min Scan# 240

Delta R.T. -0.110 min

Lab File: VX025432.D

Acq: 02 Dec 2021 16:42

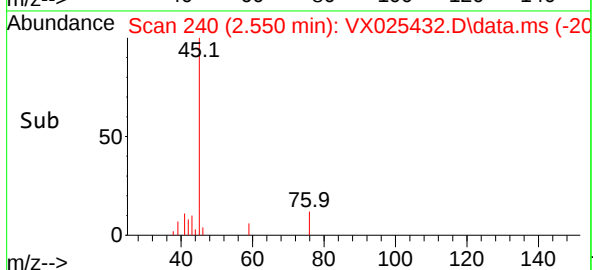
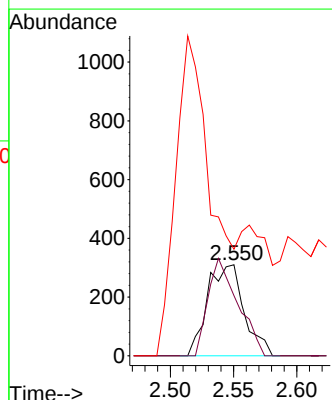
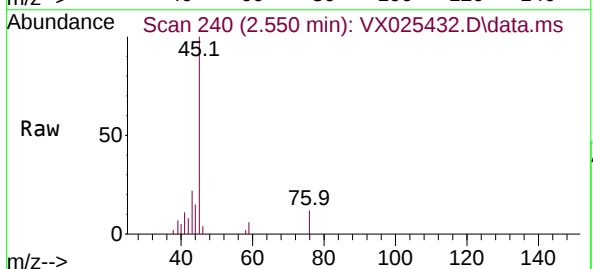
Tgt Ion: 41 Resp: 624

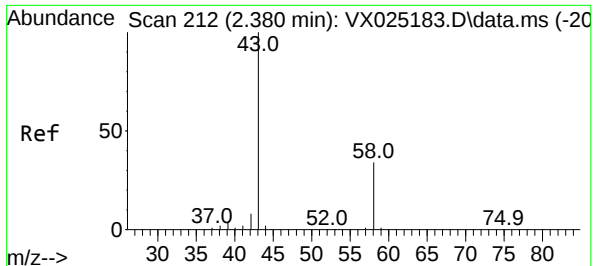
Ion Ratio Lower Upper

41 100

39 87.5 54.6 82.0#

76 0.0 25.3 37.9#

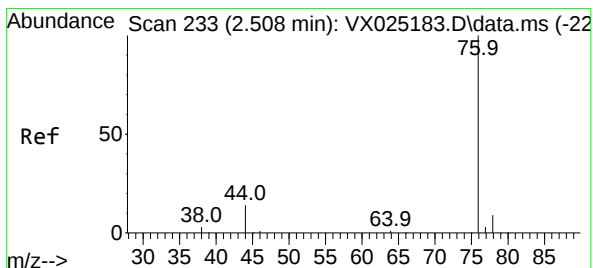
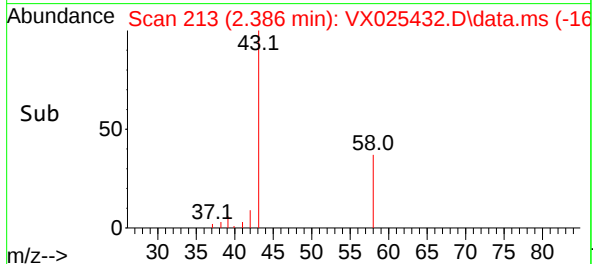
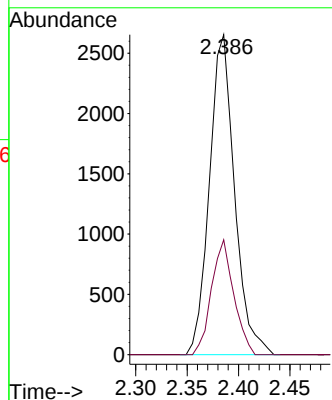
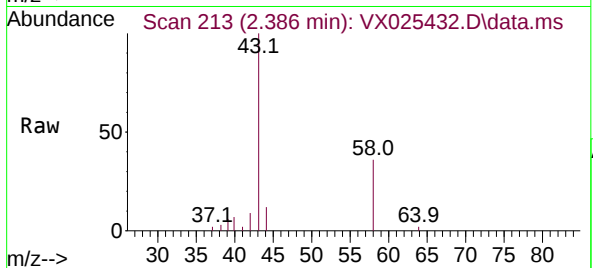




#16
Acetone
Concen: 7.328 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX025432.D
Acq: 02 Dec 2021 16:42

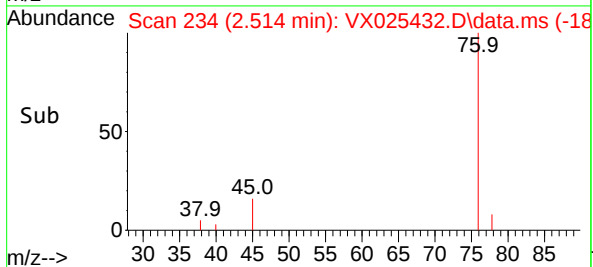
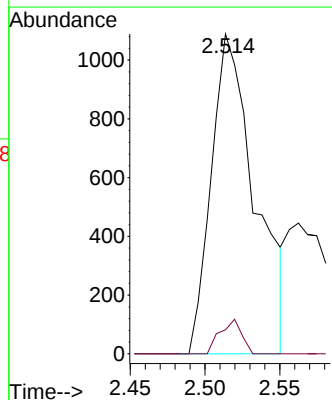
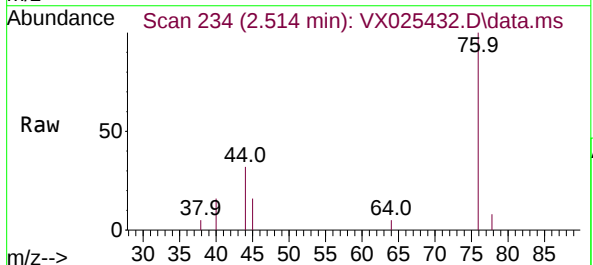
Instrument :
MSVOA_X
ClientSampleId :

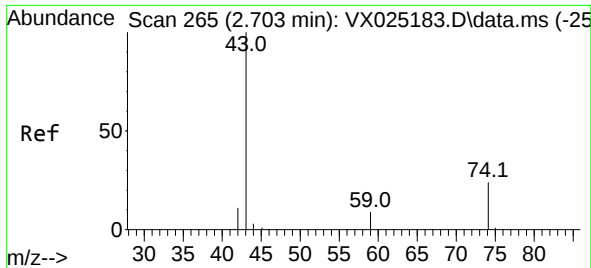
Tgt Ion: 43 Resp: 4513
Ion Ratio Lower Upper
43 100
58 35.9 24.0 36.0



#17
Carbon Disulfide
Concen: 0.808 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX025432.D
Acq: 02 Dec 2021 16:42

Tgt Ion: 76 Resp: 2216
Ion Ratio Lower Upper
76 100
78 7.5 6.9 10.3

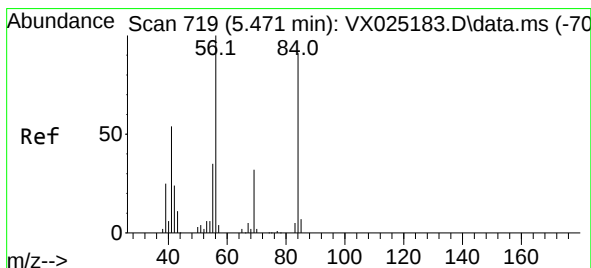
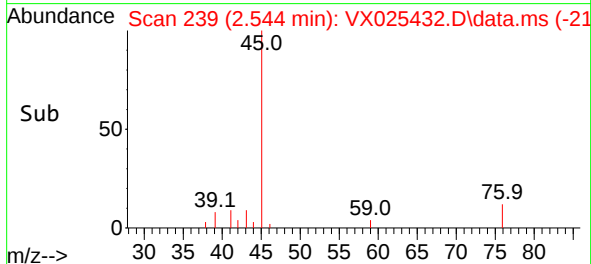
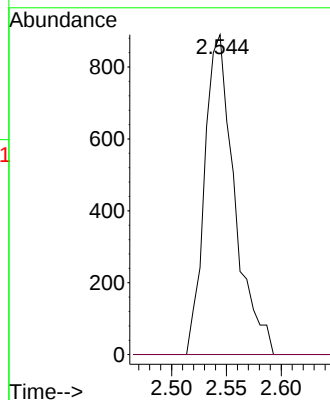
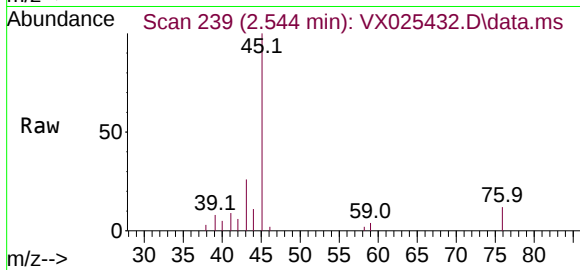




#18
Methyl Acetate
Concen: 0.858 ug/l
RT: 2.544 min Scan# 21
Delta R.T. -0.159 min
Lab File: VX025432.D
Acq: 02 Dec 2021 16:42

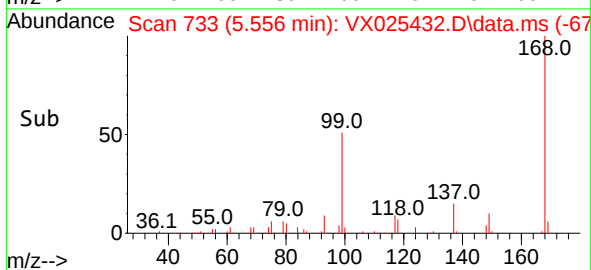
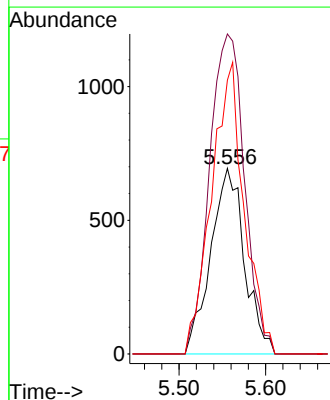
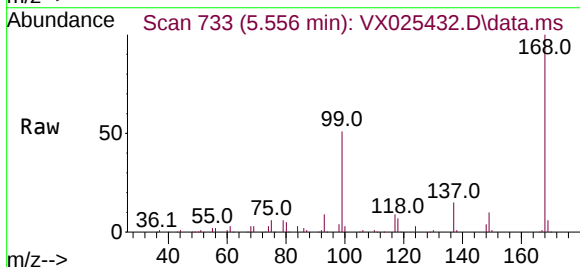
Instrument :
MSVOA_X
ClientSampleId :

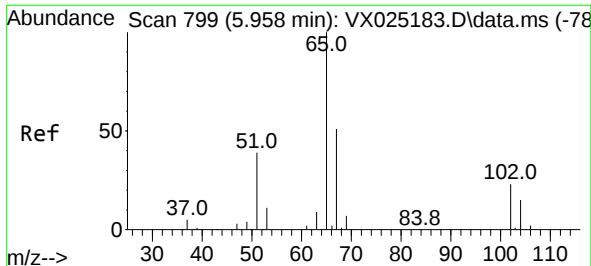
Tgt Ion: 43 Resp: 1689
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.6#



#31
Cyclohexane
Concen: 1.098 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX025432.D
Acq: 02 Dec 2021 16:42

Tgt Ion: 56 Resp: 1880
Ion Ratio Lower Upper
56 100
69 172.5 24.2 36.2#
84 147.6 71.5 107.3#





#33

1,2-Dichloroethane-d4

Concen: 55.840 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX025432.D

Acq: 02 Dec 2021 16:42

Instrument :

MSVOA_X

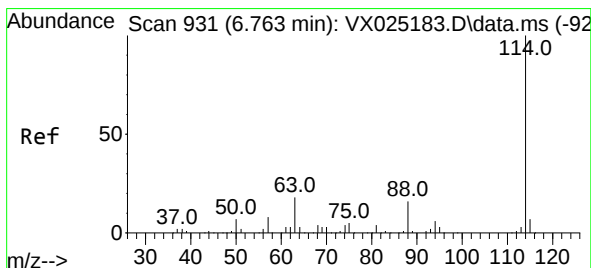
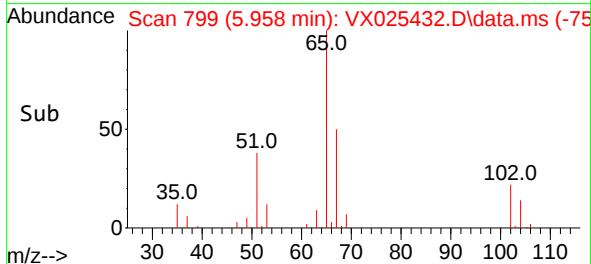
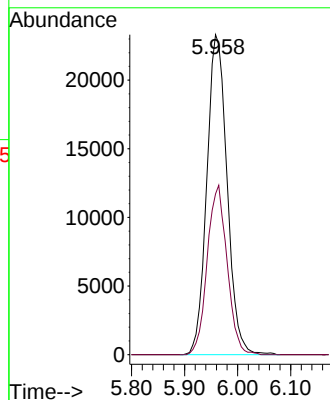
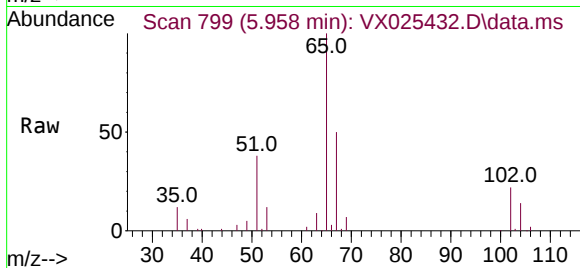
ClientSampleId :

Tgt Ion: 65 Resp: 61887

Ion Ratio Lower Upper

65 100

67 51.9 0.0 101.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX025432.D

Acq: 02 Dec 2021 16:42

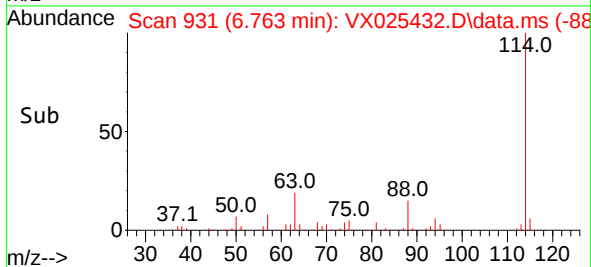
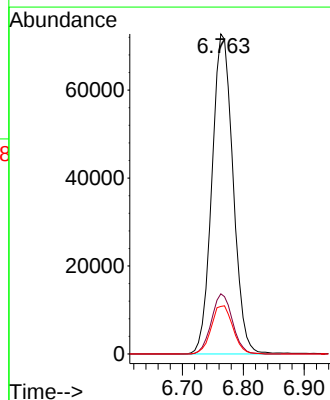
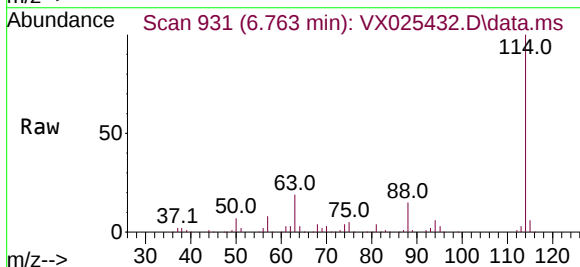
Tgt Ion: 114 Resp: 175155

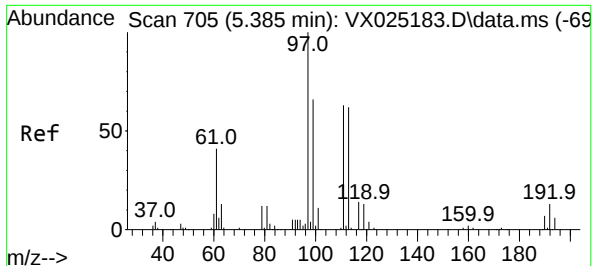
Ion Ratio Lower Upper

114 100

63 18.8 0.0 41.0

88 14.9 0.0 34.8





#35

Dibromofluoromethane

Concen: 50.278 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

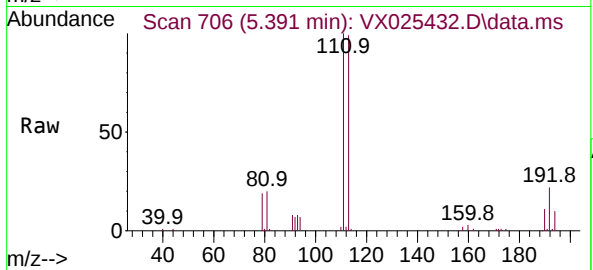
Lab File: VX025432.D

Acq: 02 Dec 2021 16:42

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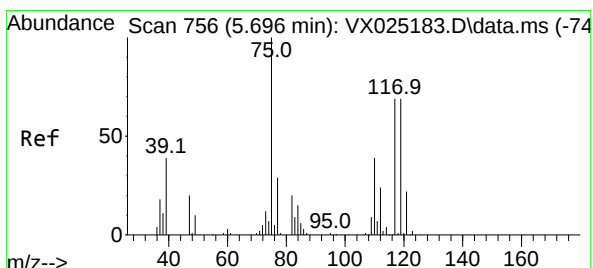
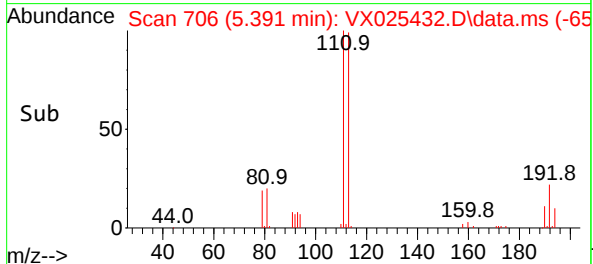
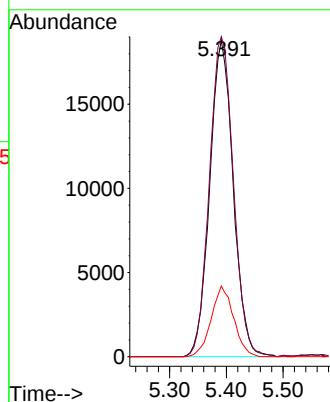
Tgt Ion:113 Resp: 54033

Ion Ratio Lower Upper

113 100

111 103.4 82.1 123.1

192 21.3 15.6 23.4



#36

1,1-Dichloropropene

Concen: 4.505 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX025432.D

Acq: 02 Dec 2021 16:42

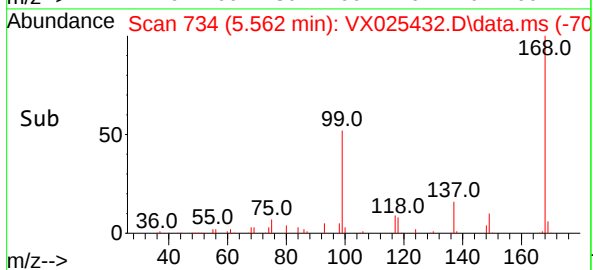
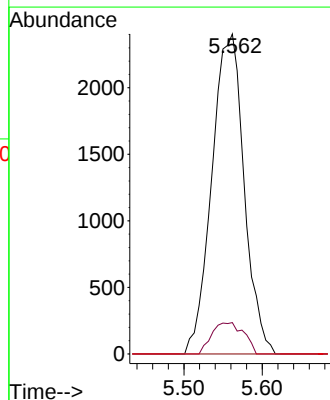
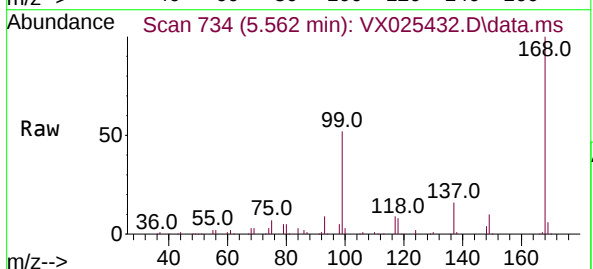
Tgt Ion: 75 Resp: 6885

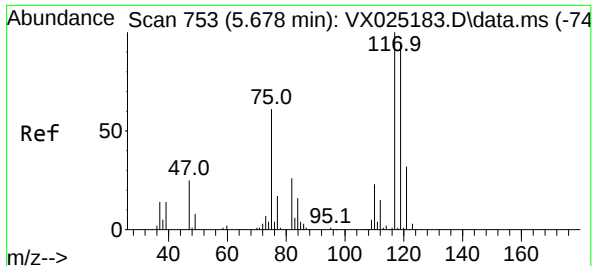
Ion Ratio Lower Upper

75 100

110 9.7 18.1 54.3#

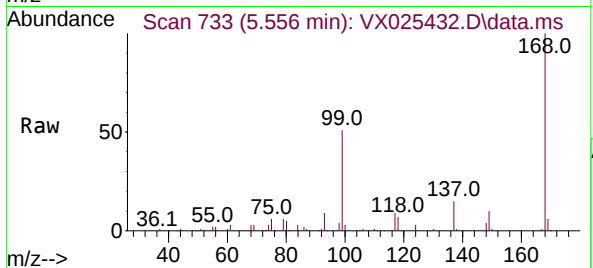
77 0.0 24.4 36.6#



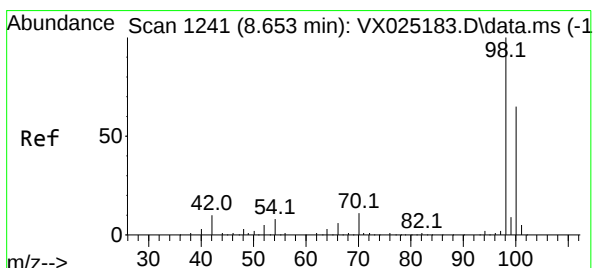
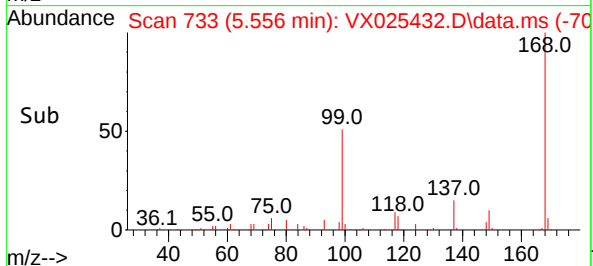
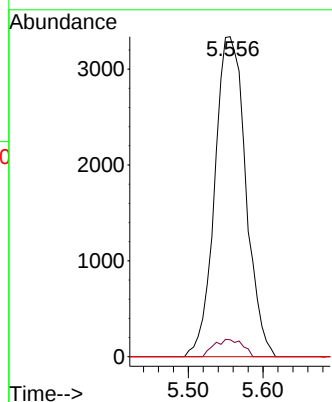


#38
Carbon Tetrachloride
Concen: 5.723 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX025432.D
Acq: 02 Dec 2021 16:42

Instrument :
MSVOA_X
ClientSampleId :

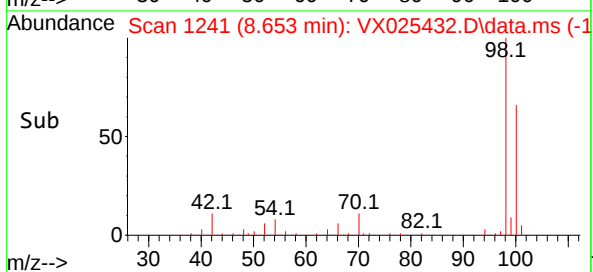
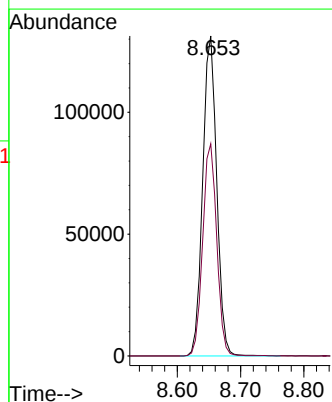
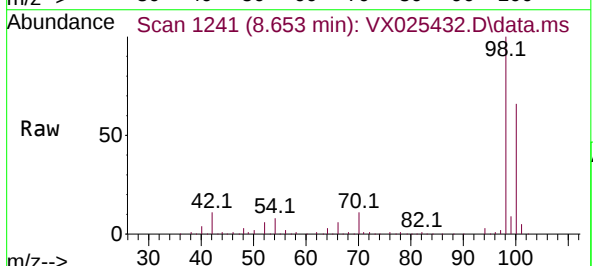


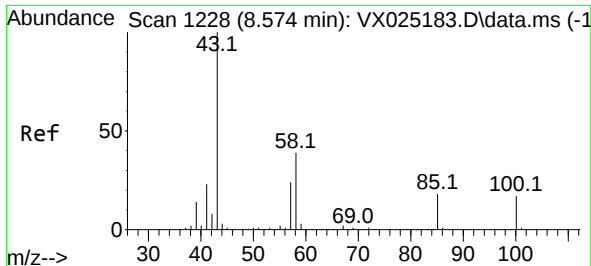
Tgt Ion:117 Resp: 9633
Ion Ratio Lower Upper
117 100
119 5.3 75.6 113.4#
121 0.0 23.7 35.5#



#50
Toluene-d8
Concen: 50.173 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025432.D
Acq: 02 Dec 2021 16:42

Tgt Ion: 98 Resp: 202735
Ion Ratio Lower Upper
98 100
100 66.3 51.4 77.0

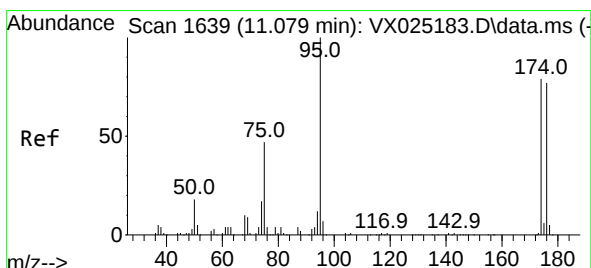
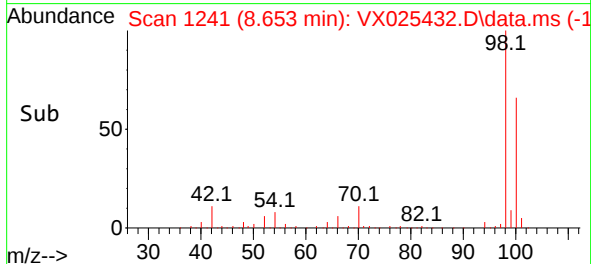
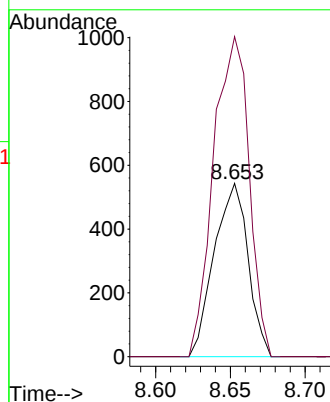
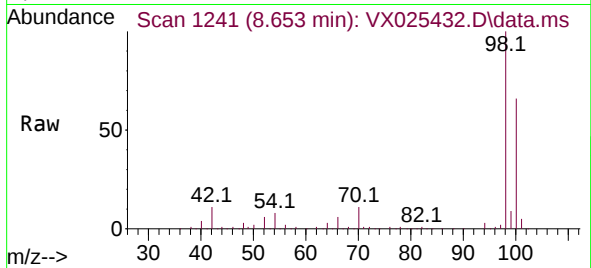




#51
4-Methyl-2-Pentanone
Concen: 0.471 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX025432.D
Acq: 02 Dec 2021 16:42

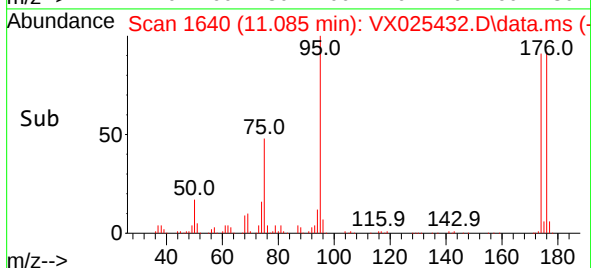
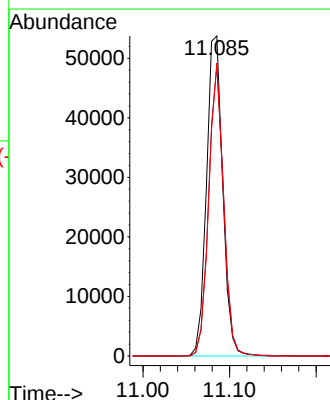
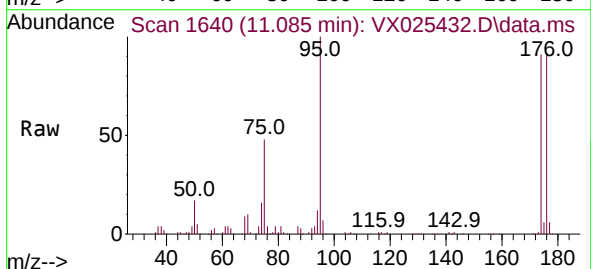
Instrument :
MSVOA_X
ClientSampleId :

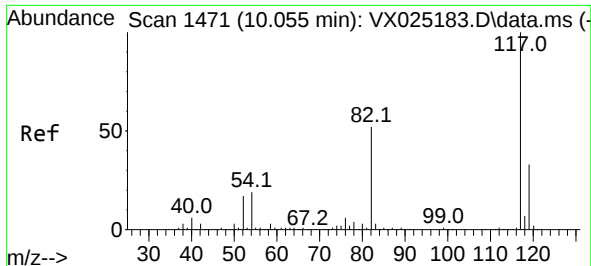
Tgt Ion: 43 Resp: 855
Ion Ratio Lower Upper
43 100
58 193.7 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 45.783 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX025432.D
Acq: 02 Dec 2021 16:42

Tgt Ion: 95 Resp: 69985
Ion Ratio Lower Upper
95 100
174 84.2 0.0 158.0
176 83.3 0.0 153.6

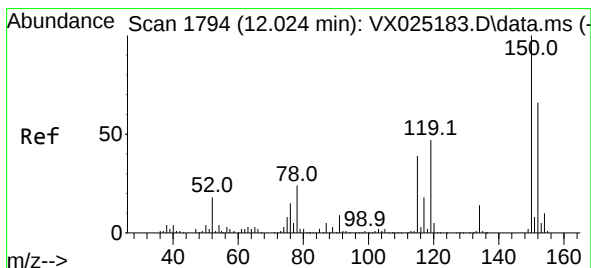
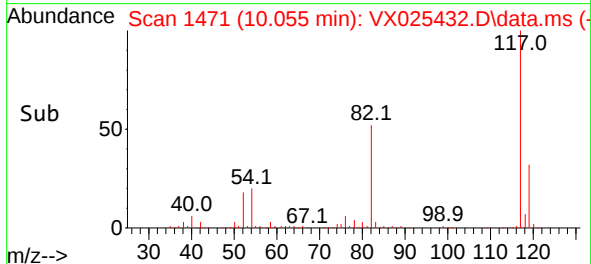
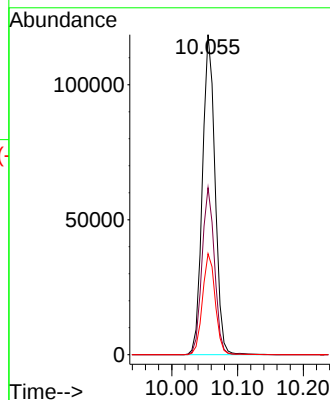
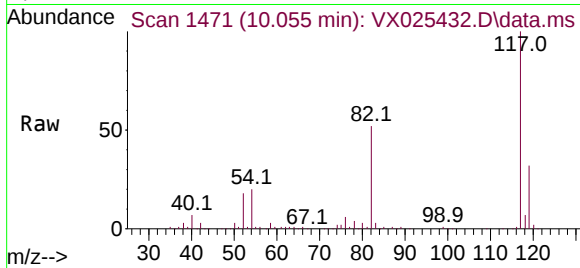




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025432.D
Acq: 02 Dec 2021 16:42

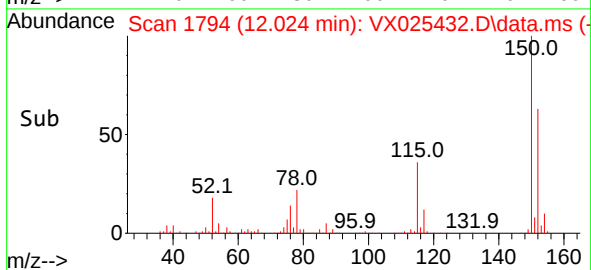
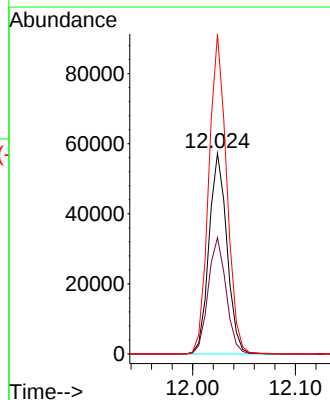
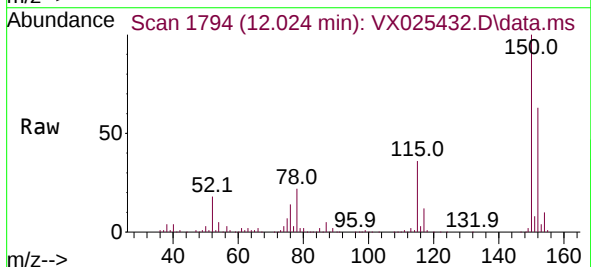
Instrument :
MSVOA_X
ClientSampleId :

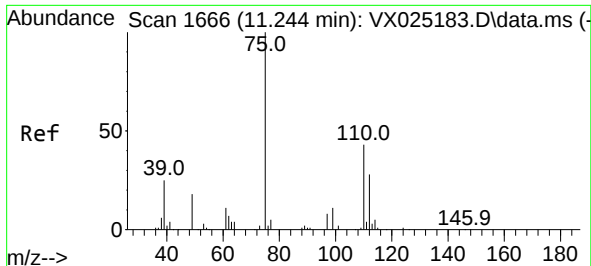
Tgt Ion:117 Resp: 158364
Ion Ratio Lower Upper
117 100
82 52.2 44.6 67.0
119 31.5 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025432.D
Acq: 02 Dec 2021 16:42

Tgt Ion:152 Resp: 69575
Ion Ratio Lower Upper
152 100
115 58.1 43.3 129.8
150 159.0 0.0 351.2

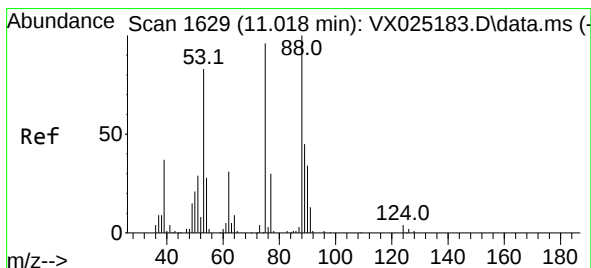
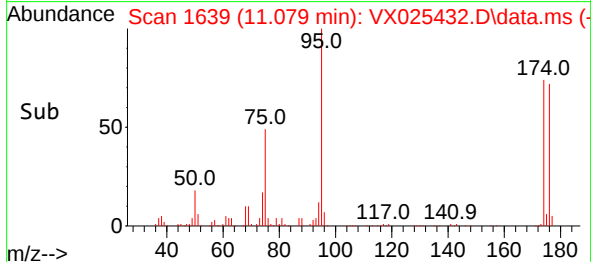
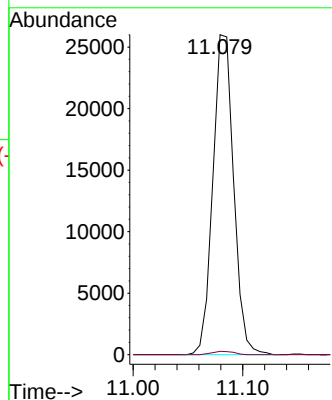
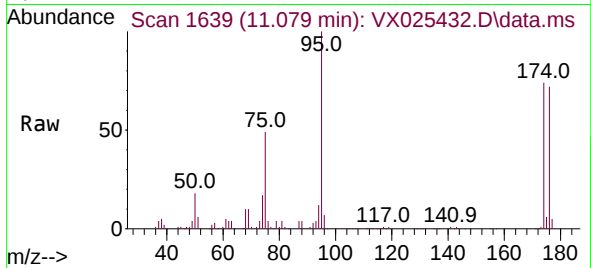




#76
1,2,3-Trichloropropane
Concen: 24.069 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025432.D
Acq: 02 Dec 2021 16:42

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 34293
Ion Ratio Lower Upper
75 100
77 1.1 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.635 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX025432.D
Acq: 02 Dec 2021 16:42

Tgt Ion: 75 Resp: 34293
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.1 38.2 57.2#

