

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
 Data File : VX025430.D
 Acq On : 02 Dec 2021 15:55
 Operator : JC/MD
 Sample : PB141130ZHE#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 03 03:08:04 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)

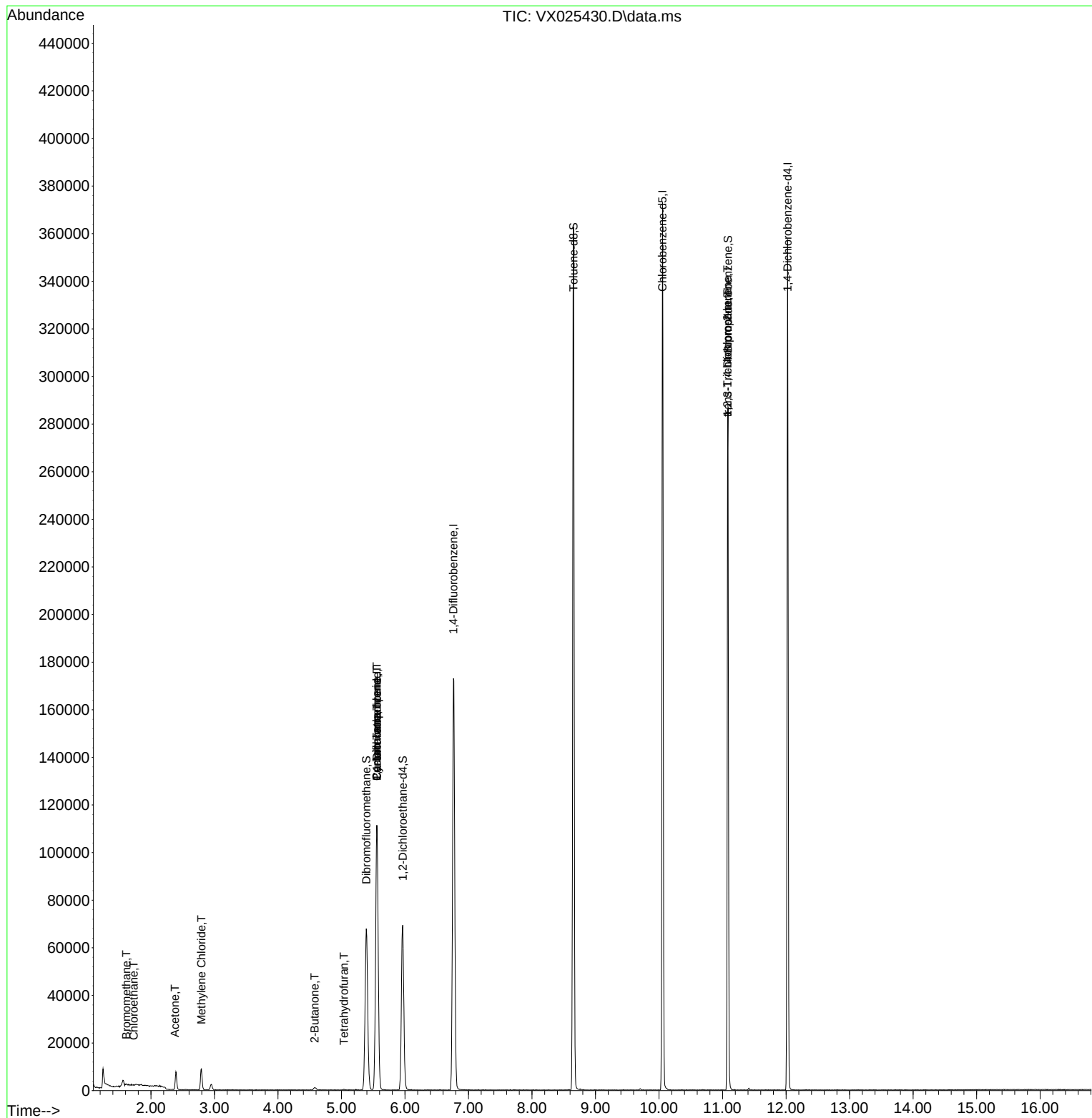
Internal Standards						
1) Pentafluorobenzene	5.556	168	114081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	188773	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	171109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	65488	54.460	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.920%	
35) Dibromofluoromethane	5.391	113	58607	50.600	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.200%	
50) Toluene-d8	8.653	98	218486	50.171	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.340%	
62) 4-Bromofluorobenzene	11.085	95	75608	45.893	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.780%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	132	0.228	ug/l #	75
6) Chloroethane	1.727	64	215	0.232	ug/l #	43
11) Tert butyl alcohol	2.947	59	1684	Below Cal	#	72
16) Acetone	2.380	43	1258	1.883	ug/l	90
20) Methylene Chloride	2.794	84	4083	3.251	ug/l	89
25) 2-Butanone	4.574	43	195	0.202	ug/l #	48
29) Tetrahydrofuran	5.038	42	310	0.518	ug/l #	38
31) Cyclohexane	5.556	56	2160	1.162	ug/l #	26
36) 1,1-Dichloropropene	5.556	75	7687	4.667	ug/l #	49
38) Carbon Tetrachloride	5.556	117	10685	5.890	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	36985	23.973	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	36985	60.393	ug/l #	9
95) Naphthalene	13.786	128	23	Below Cal	#	69

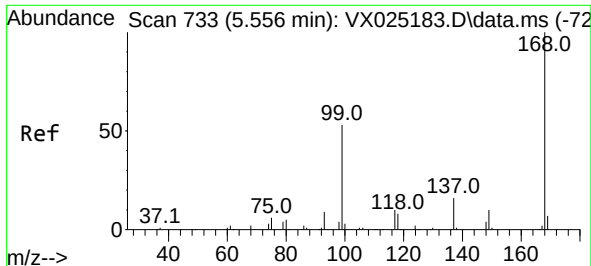
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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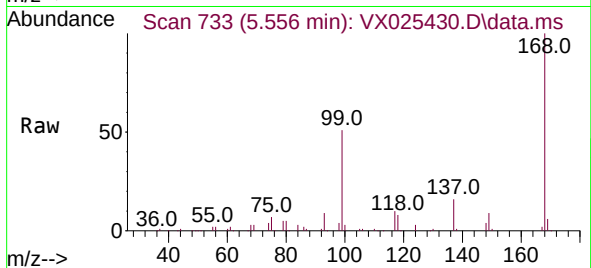
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
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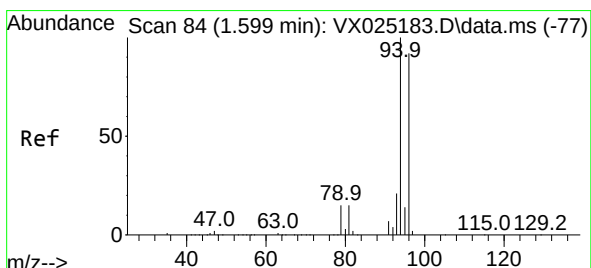
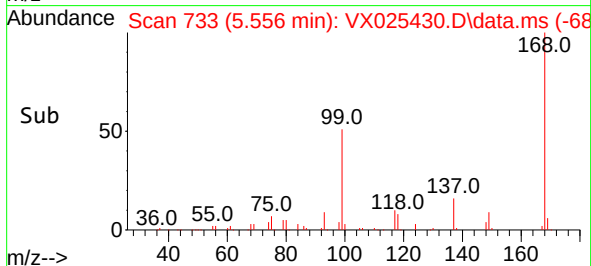
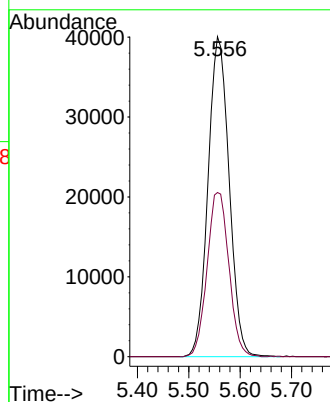


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025430.D
Acq: 02 Dec 2021 15:55

Instrument :
MSVOA_X
ClientSampleId :

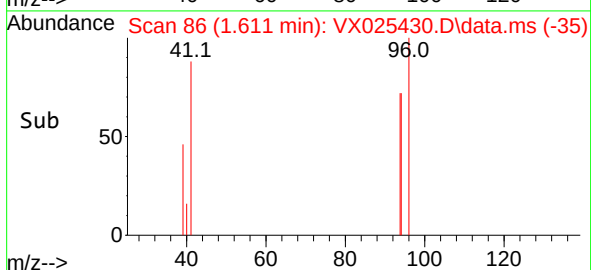
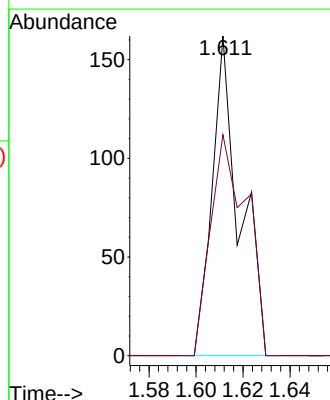
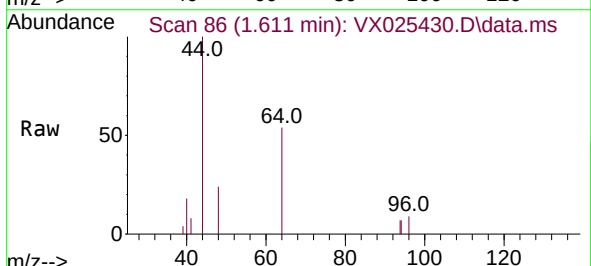


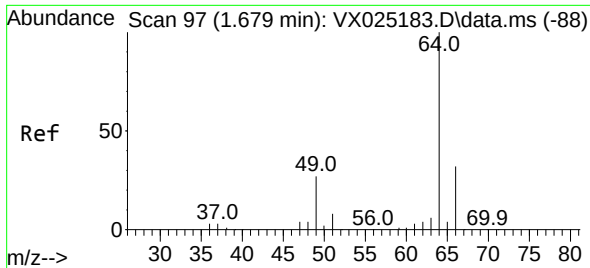
Tgt Ion:168 Resp: 114081
Ion Ratio Lower Upper
168 100
99 51.3 46.4 69.6



#5
Bromomethane
Concen: 0.228 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX025430.D
Acq: 02 Dec 2021 15:55

Tgt Ion: 94 Resp: 132
Ion Ratio Lower Upper
94 100
96 69.1 74.8 112.2#

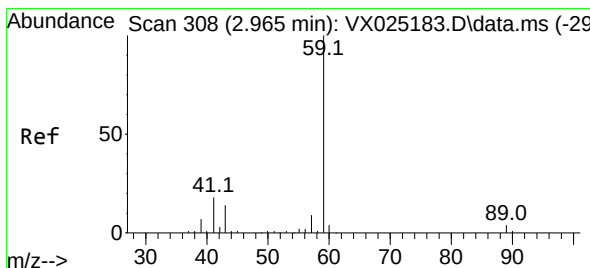
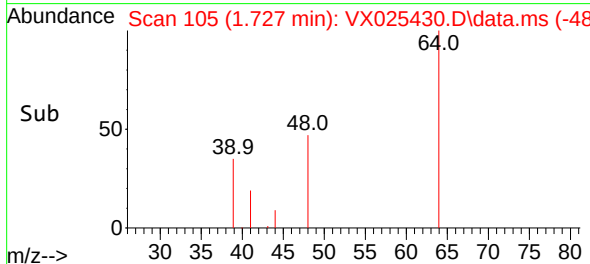
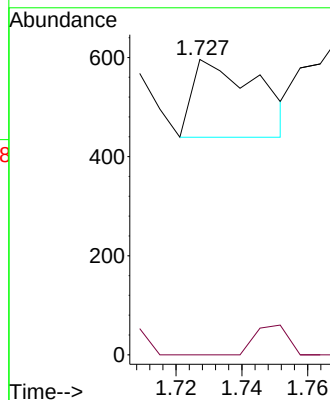
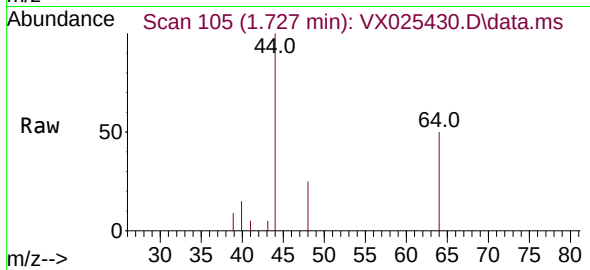




#6
Chloroethane
Concen: 0.232 ug/l
RT: 1.727 min Scan# 105
Delta R.T. 0.048 min
Lab File: VX025430.D
Acq: 02 Dec 2021 15:55

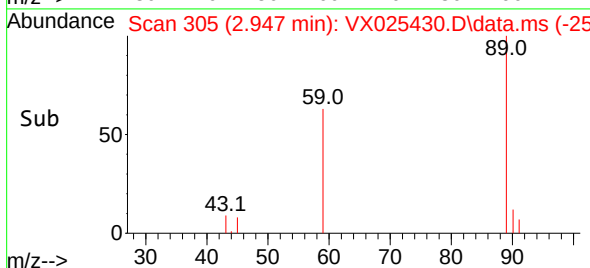
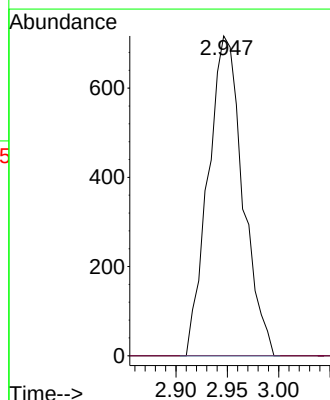
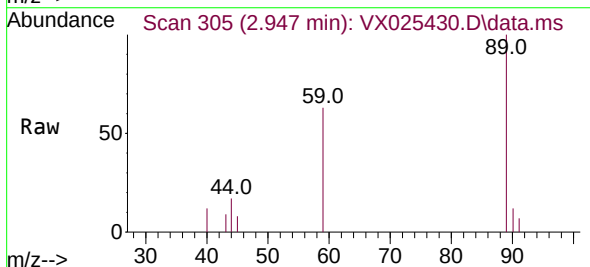
Instrument :
MSVOA_X
ClientSampleId :

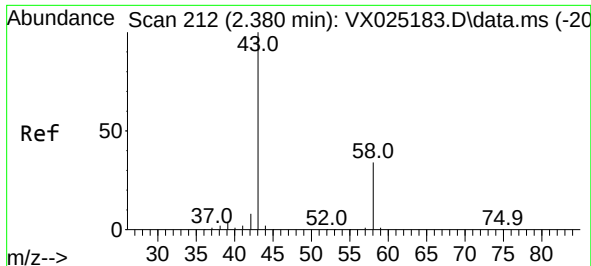
Tgt Ion: 64 Resp: 215
Ion Ratio Lower Upper
64 100
66 0.0 25.6 38.4#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX025430.D
Acq: 02 Dec 2021 15:55

Tgt Ion: 59 Resp: 1684
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

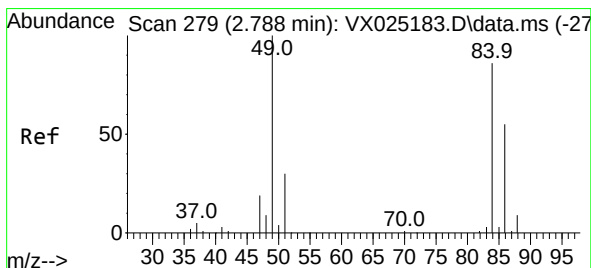
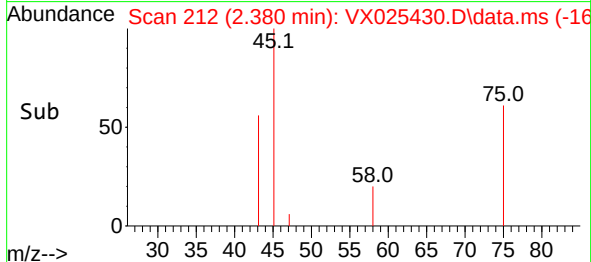
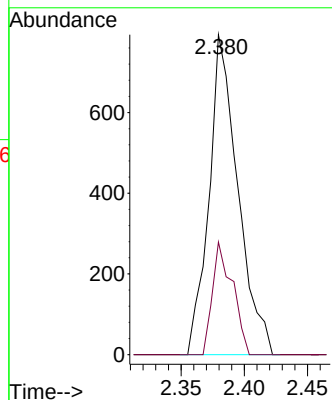
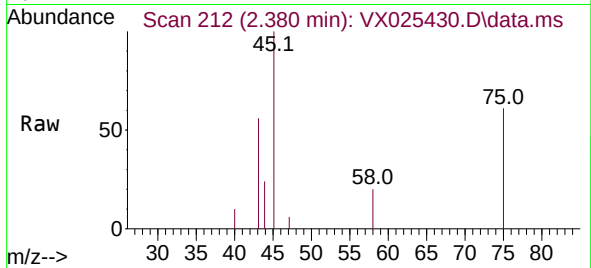




#16
Acetone
Concen: 1.883 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025430.D
Acq: 02 Dec 2021 15:55

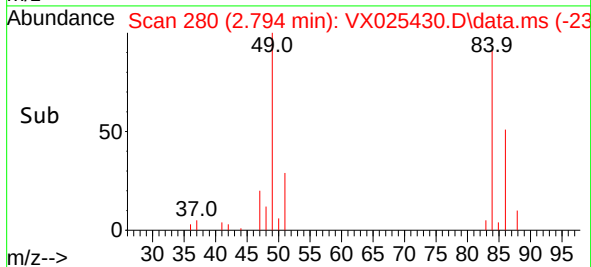
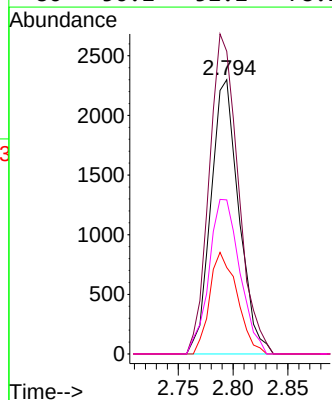
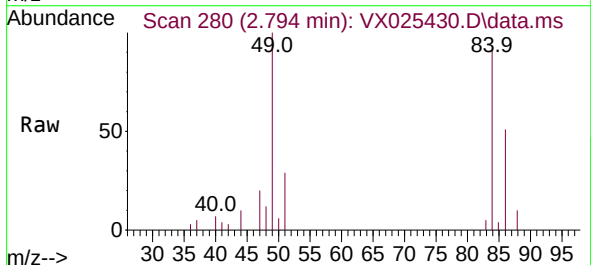
Instrument :
MSVOA_X
ClientSampleId :

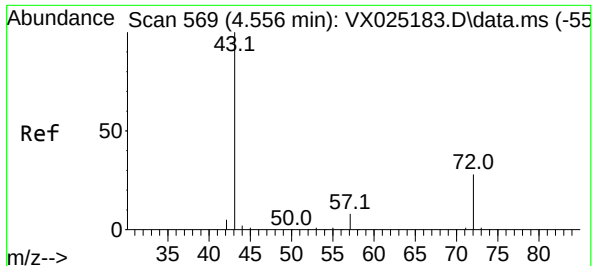
Tgt Ion: 43 Resp: 1258
Ion Ratio Lower Upper
43 100
58 35.2 24.0 36.0



#20
Methylene Chloride
Concen: 3.251 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX025430.D
Acq: 02 Dec 2021 15:55

Tgt Ion: 84 Resp: 4083
Ion Ratio Lower Upper
84 100
49 110.3 98.2 147.2
51 31.5 30.2 45.4
86 56.2 52.2 78.2

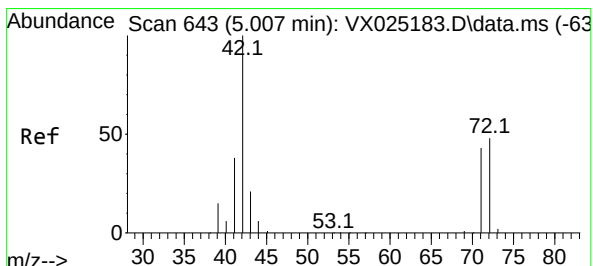
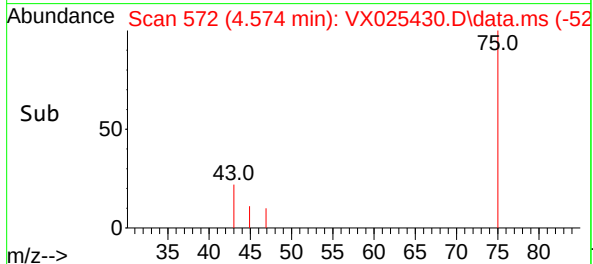
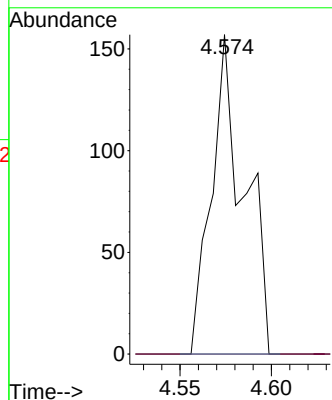
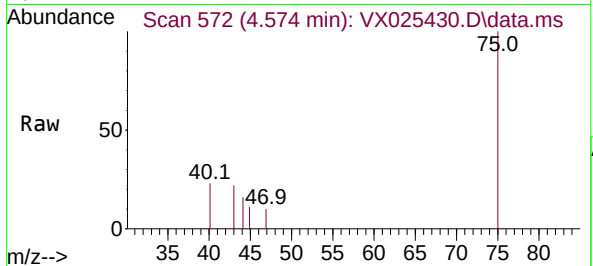




#25
2-Butanone
Concen: 0.202 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX025430.D
Acq: 02 Dec 2021 15:55

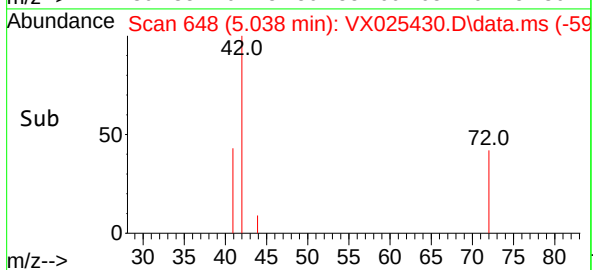
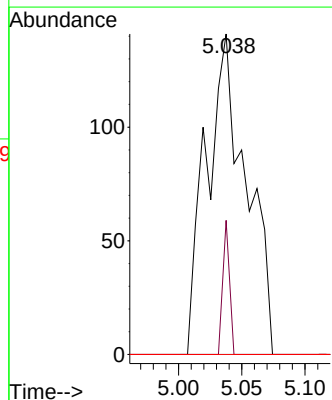
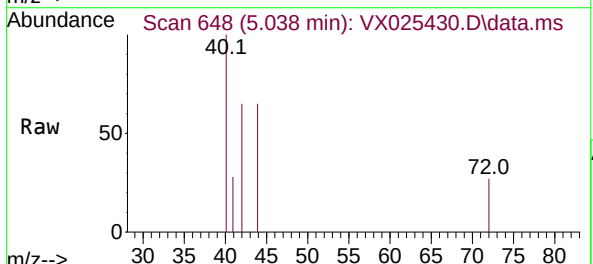
Instrument :
MSVOA_X
ClientSampleId :

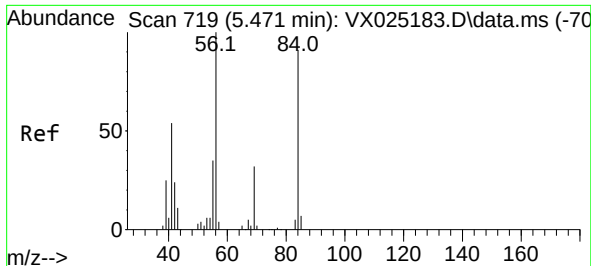
Tgt Ion: 43 Resp: 195
Ion Ratio Lower Upper
43 100
72 0.0 21.2 31.8#



#29
Tetrahydrofuran
Concen: 0.518 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.031 min
Lab File: VX025430.D
Acq: 02 Dec 2021 15:55

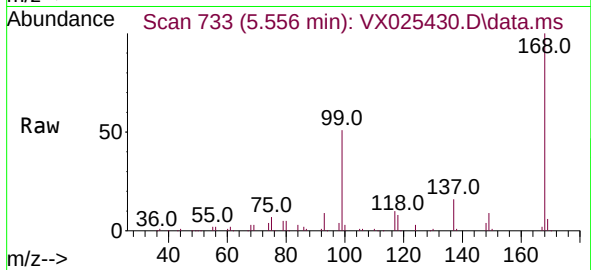
Tgt Ion: 42 Resp: 310
Ion Ratio Lower Upper
42 100
72 7.1 36.1 54.1#
71 0.0 33.7 50.5#



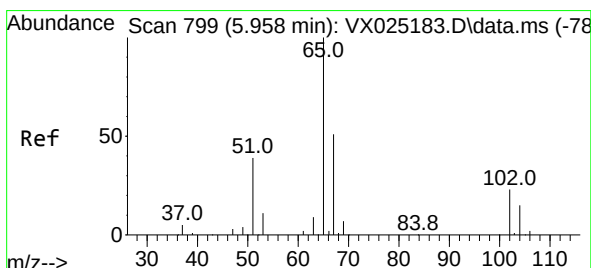
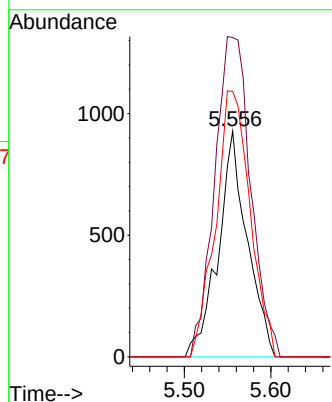
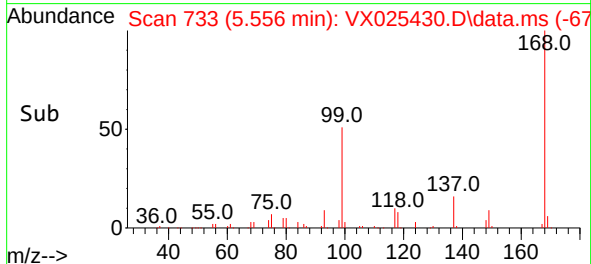


#31
Cyclohexane
Concen: 1.162 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX025430.D
Acq: 02 Dec 2021 15:55

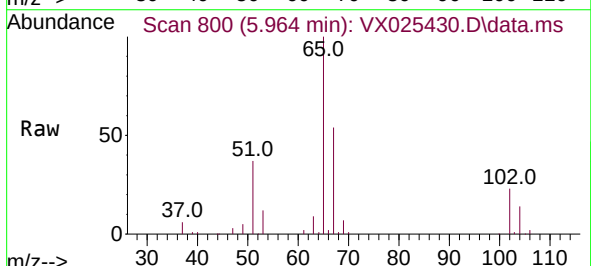
Instrument :
MSVOA_X
ClientSampleId :



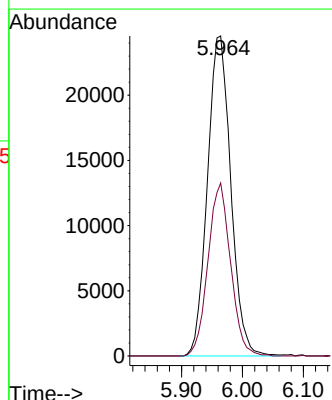
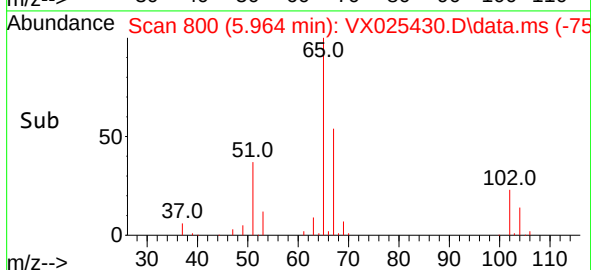
Tgt Ion: 56 Resp: 2160
Ion Ratio Lower Upper
56 100
69 141.6 24.2 36.2#
84 117.8 71.5 107.3#

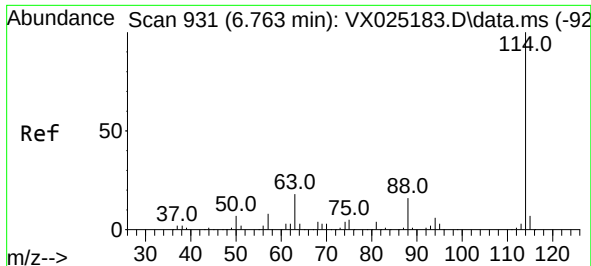


#33
1,2-Dichloroethane-d4
Concen: 54.460 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX025430.D
Acq: 02 Dec 2021 15:55



Tgt Ion: 65 Resp: 65488
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.0

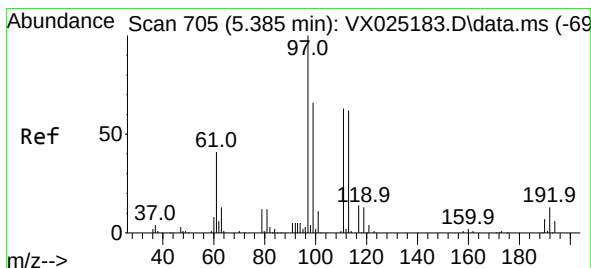
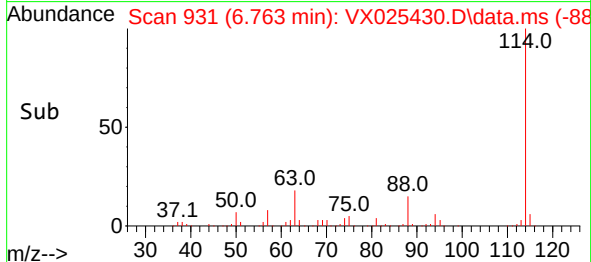
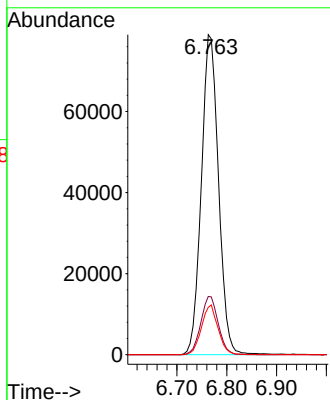
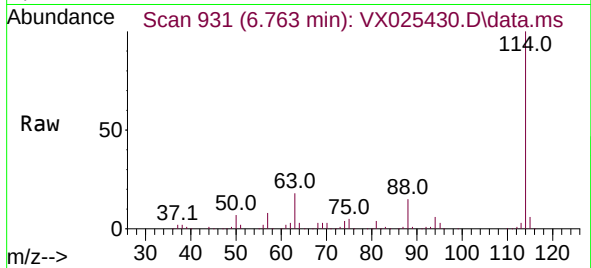




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX025430.D
Acq: 02 Dec 2021 15:55

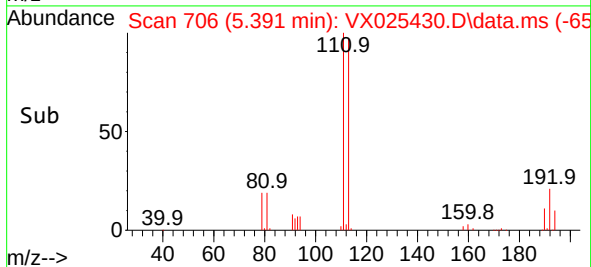
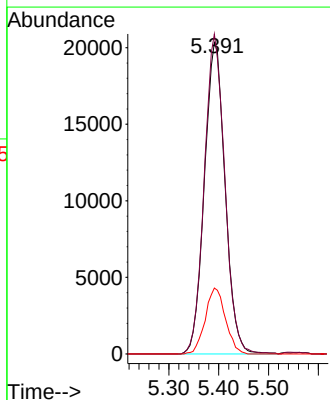
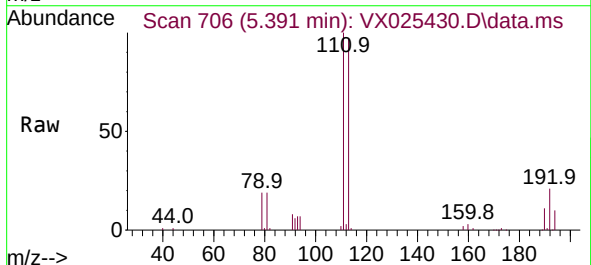
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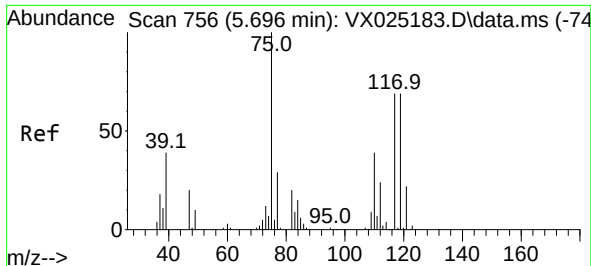
Tgt Ion:114 Resp: 188773
Ion Ratio Lower Upper
114 100
63 18.2 0.0 41.0
88 14.8 0.0 34.8



#35
Dibromofluoromethane
Concen: 50.600 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025430.D
Acq: 02 Dec 2021 15:55

Tgt Ion:113 Resp: 58607
Ion Ratio Lower Upper
113 100
111 101.8 82.1 123.1
192 20.6 15.6 23.4





#36

1,1-Dichloropropene

Concen: 4.667 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX025430.D

Acq: 02 Dec 2021 15:55

Instrument :

MSVOA_X

ClientSampleId :

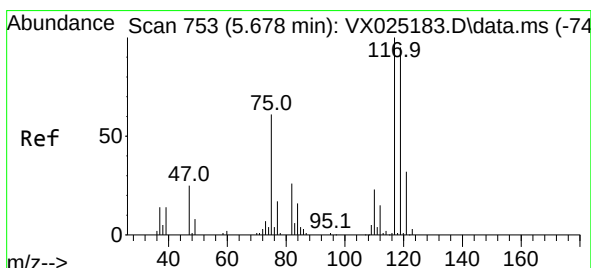
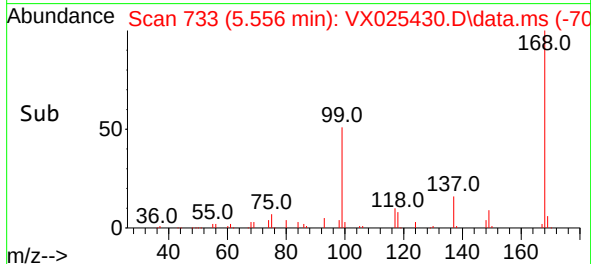
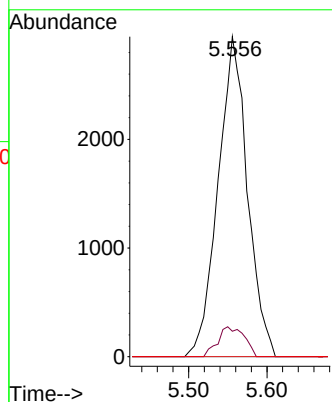
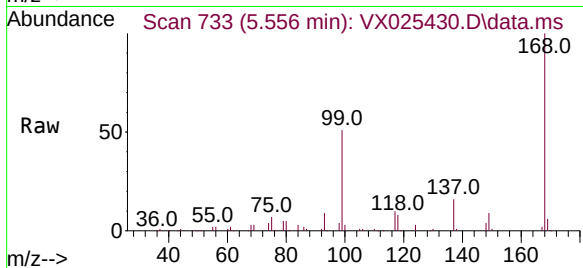
Tgt Ion: 75 Resp: 7687

Ion Ratio Lower Upper

75 100

110 8.4 18.1 54.3#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.890 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX025430.D

Acq: 02 Dec 2021 15:55

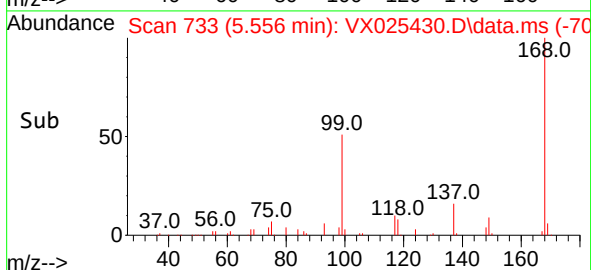
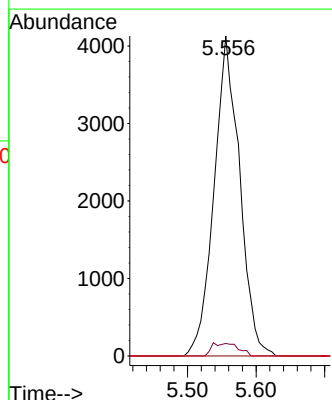
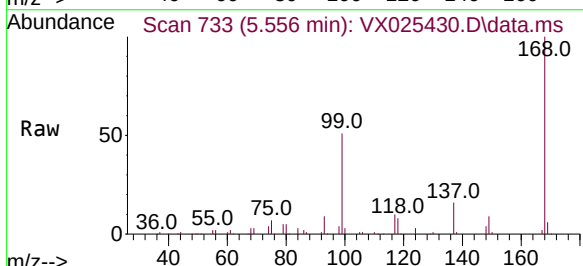
Tgt Ion: 117 Resp: 10685

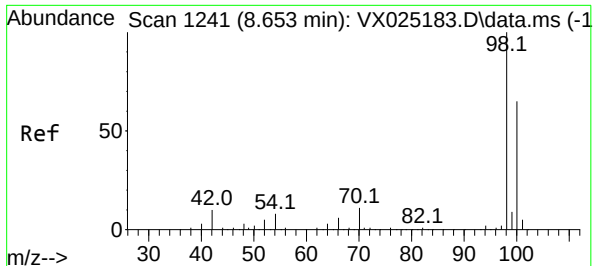
Ion Ratio Lower Upper

117 100

119 3.9 75.6 113.4#

121 0.0 23.7 35.5#

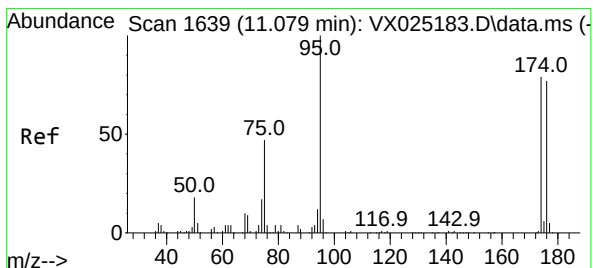
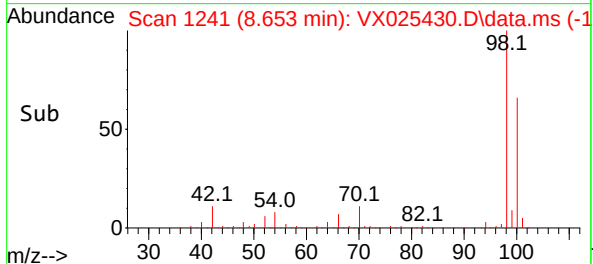
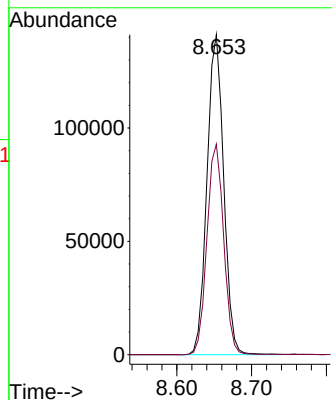
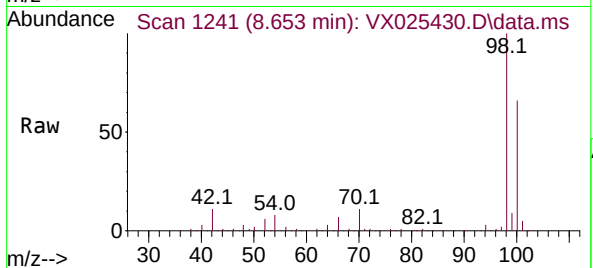




#50
Toluene-d8
Concen: 50.171 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025430.D
Acq: 02 Dec 2021 15:55

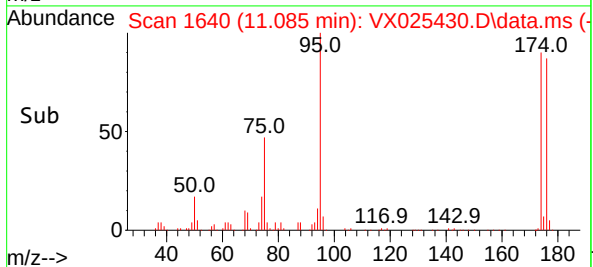
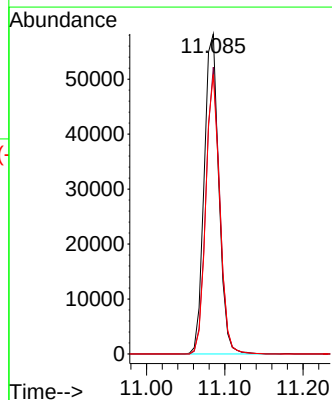
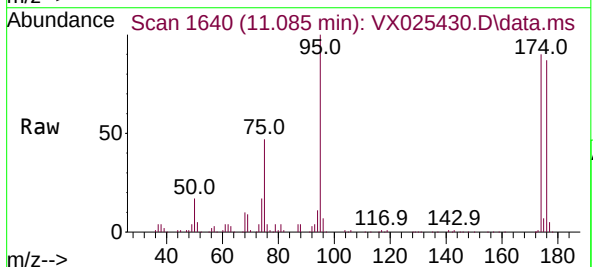
Instrument :
MSVOA_X
ClientSampleId :

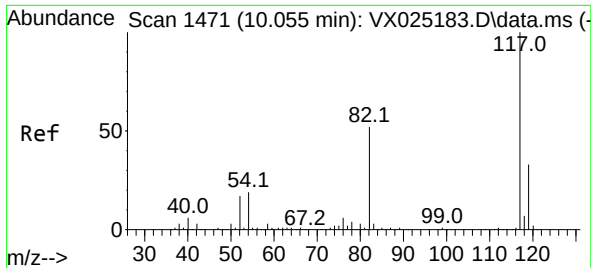
Tgt Ion: 98 Resp: 218486
Ion Ratio Lower Upper
98 100
100 66.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 45.893 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX025430.D
Acq: 02 Dec 2021 15:55

Tgt Ion: 95 Resp: 75608
Ion Ratio Lower Upper
95 100
174 84.5 0.0 158.0
176 83.4 0.0 153.6

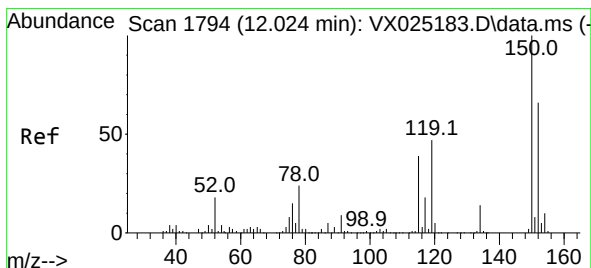
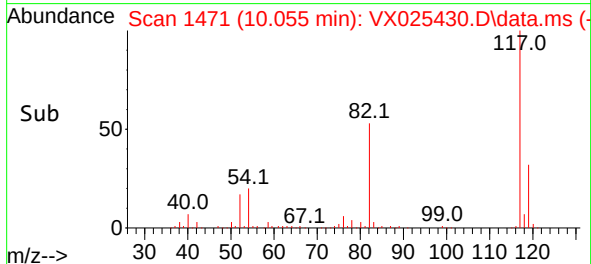
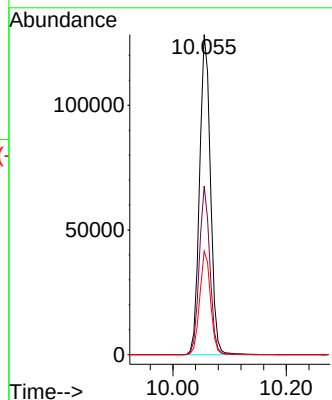
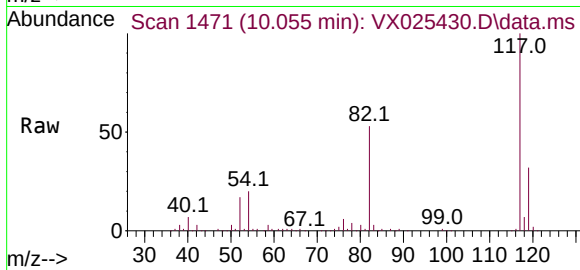




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025430.D
Acq: 02 Dec 2021 15:55

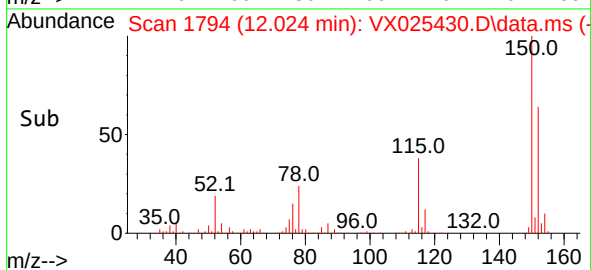
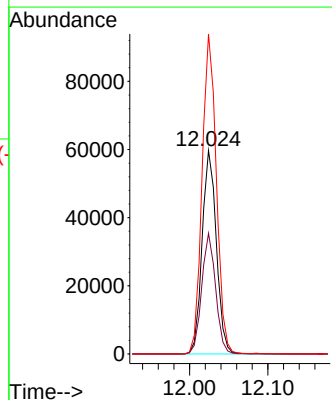
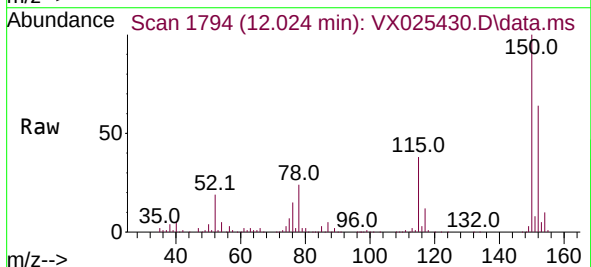
Instrument :
MSVOA_X
ClientSampleId :

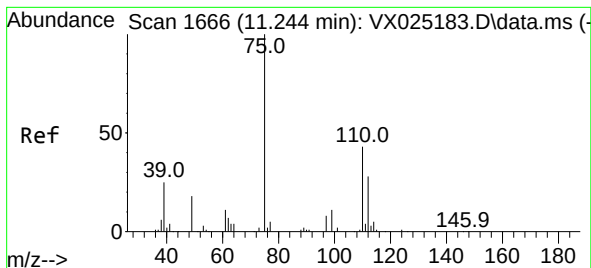
Tgt Ion:117 Resp: 171109
Ion Ratio Lower Upper
117 100
82 52.7 44.6 67.0
119 32.4 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025430.D
Acq: 02 Dec 2021 15:55

Tgt Ion:152 Resp: 75338
Ion Ratio Lower Upper
152 100
115 57.9 43.3 129.8
150 157.5 0.0 351.2





#76

1,2,3-Trichloropropane

Concen: 23.973 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.165 min

Lab File: VX025430.D

Acq: 02 Dec 2021 15:55

Instrument :

MSVOA_X

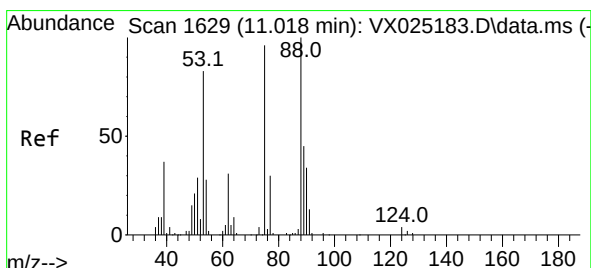
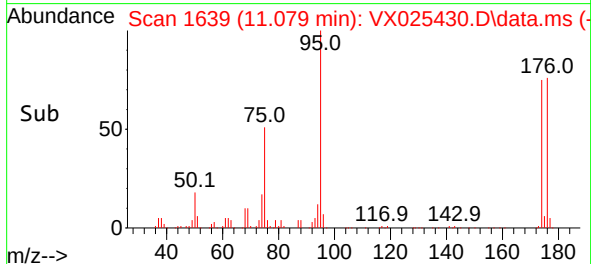
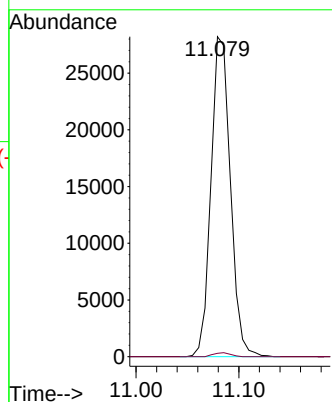
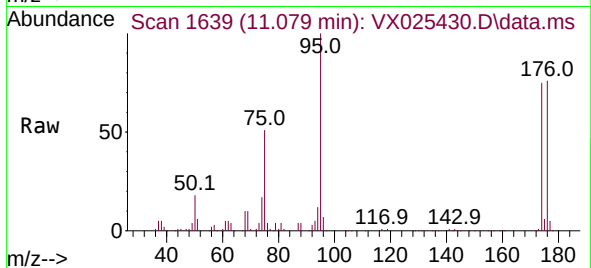
ClientSampleId :

Tgt Ion: 75 Resp: 36985

Ion Ratio Lower Upper

75 100

77 1.1 20.0 59.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 60.393 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX025430.D

Acq: 02 Dec 2021 15:55

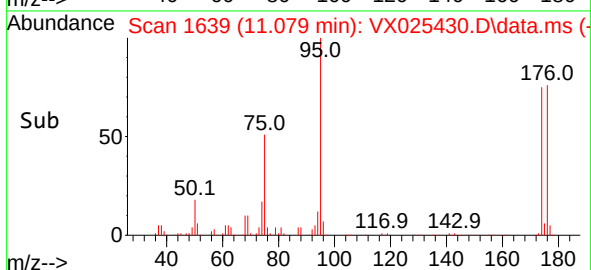
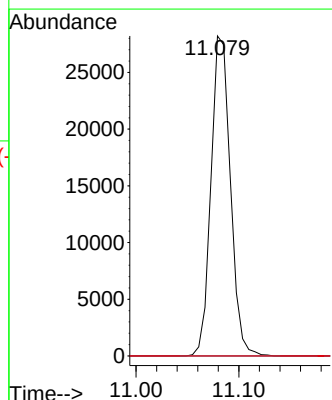
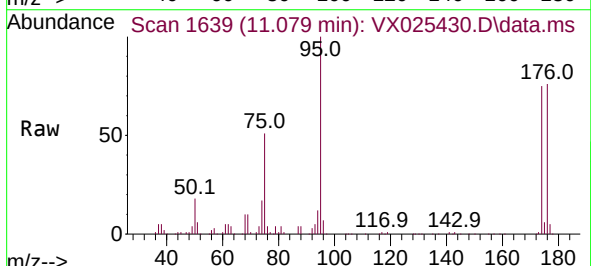
Tgt Ion: 75 Resp: 36985

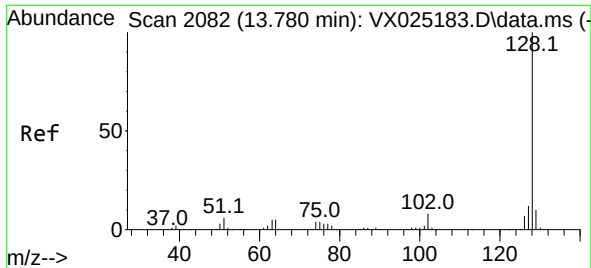
Ion Ratio Lower Upper

75 100

53 0.0 81.9 122.9#

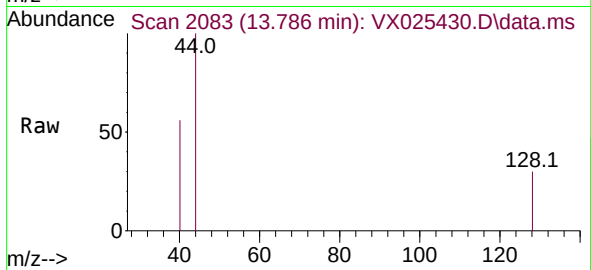
89 0.0 38.2 57.2#





#95
Naphthalene
Concen: Below Cal
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX025430.D
Acq: 02 Dec 2021 15:55

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 23
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

