

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
 Data File : VX025428.D
 Acq On : 02 Dec 2021 15:08
 Operator : JC/MD
 Sample : PB141130ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 03 03:07:31 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)

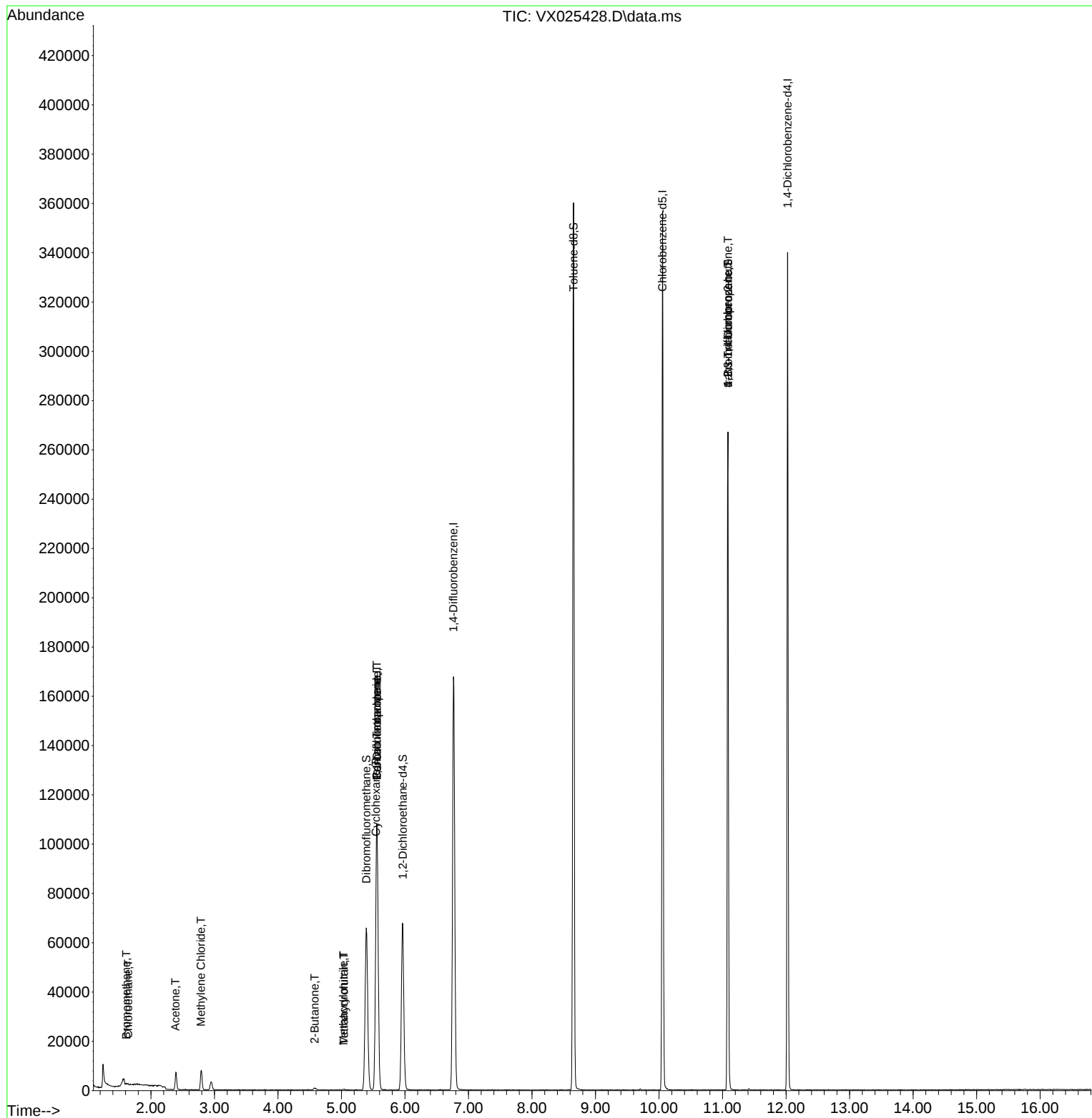
Internal Standards						
1) Pentafluorobenzene	5.556	168	109844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	182274	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	163538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	63285	54.658	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.320%	
35) Dibromofluoromethane	5.391	113	56125	50.185	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.360%	
50) Toluene-d8	8.653	98	213045	50.665	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.340%	
62) 4-Bromofluorobenzene	11.085	95	71691	45.067	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.140%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	173	0.311	ug/l #	50
6) Chloroethane	1.642	64	221	0.247	ug/l #	43
11) Tert butyl alcohol	2.946	59	2030	Below Cal	#	72
16) Acetone	2.385	43	1211	1.882	ug/l	94
20) Methylene Chloride	2.788	84	3787	3.131	ug/l	91
25) 2-Butanone	4.574	43	199	0.214	ug/l #	48
29) Tetrahydrofuran	5.037	42	308	0.535	ug/l #	37
31) Cyclohexane	5.543	56	2105	1.176	ug/l #	26
36) 1,1-Dichloropropene	5.556	75	7367	4.633	ug/l #	50
38) Carbon Tetrachloride	5.556	117	10451	5.967	ug/l #	17
41) Methacrylonitrile	5.031	41	214	0.213	ug/l #	41
76) 1,2,3-Trichloropropane	11.085	75	35411	24.442	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	35411	61.575	ug/l #	9
95) Naphthalene	13.780	128	62	Below Cal	#	69

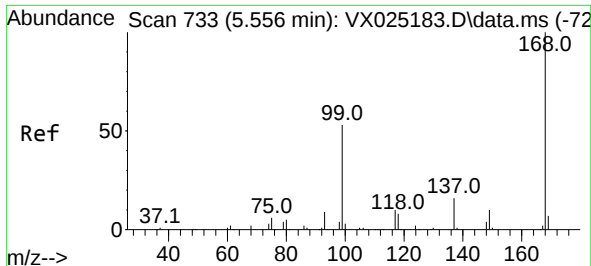
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
Data File : VX025428.D
Acq On : 02 Dec 2021 15:08
Operator : JC/MD
Sample : PB141130ZHE#03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 03 03:07:31 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



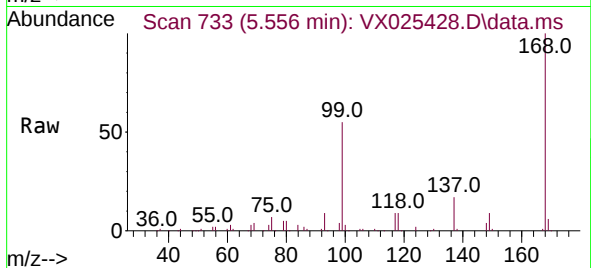


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025428.D
Acq: 02 Dec 2021 15:08

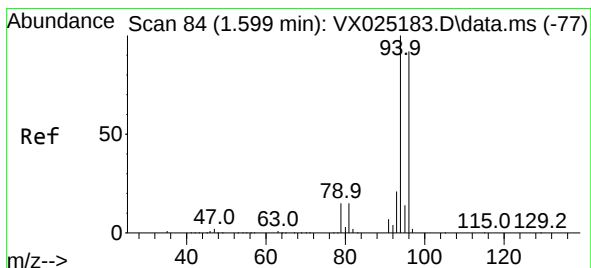
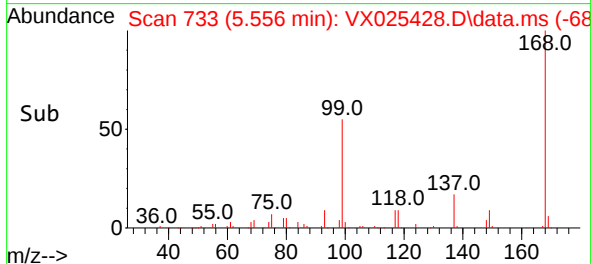
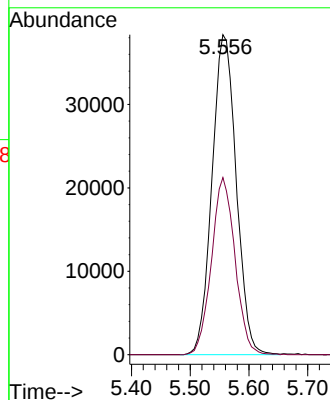
Instrument :

MSVOA_X

ClientSampleId :

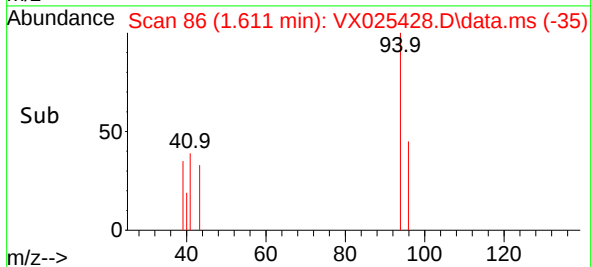
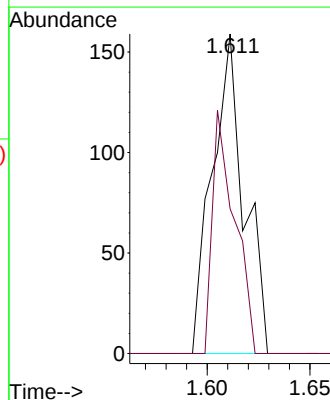
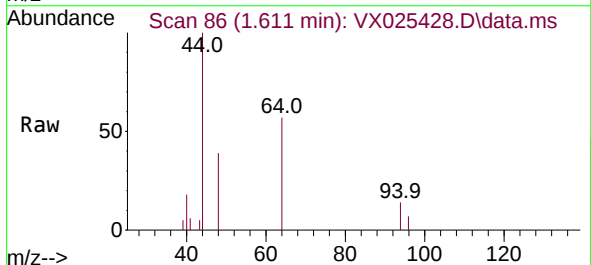


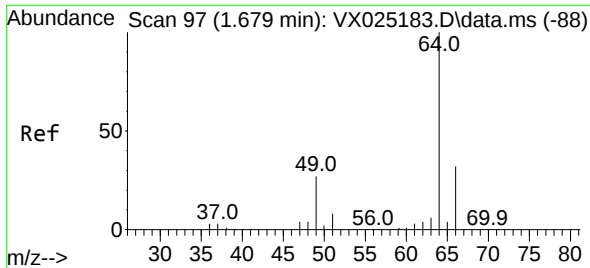
Tgt Ion:168 Resp: 109844
Ion Ratio Lower Upper
168 100
99 55.4 46.4 69.6



#5
Bromomethane
Concen: 0.311 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX025428.D
Acq: 02 Dec 2021 15:08

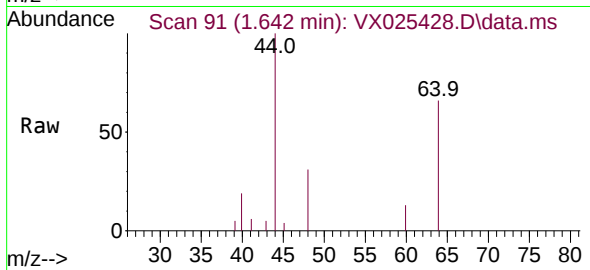
Tgt Ion: 94 Resp: 173
Ion Ratio Lower Upper
94 100
96 45.3 74.8 112.2#



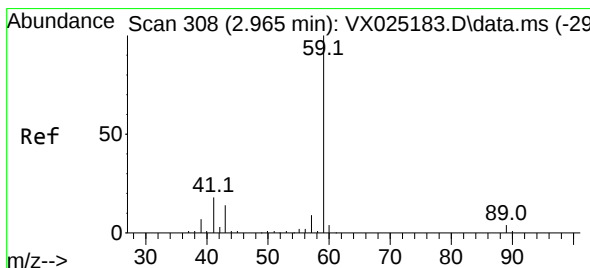
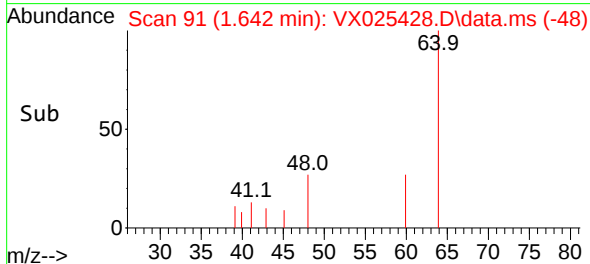
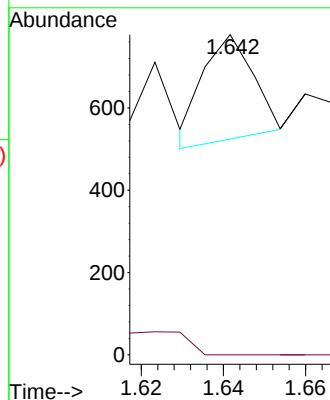


#6
Chloroethane
Concen: 0.247 ug/l
RT: 1.642 min Scan# 91
Delta R.T. -0.037 min
Lab File: VX025428.D
Acq: 02 Dec 2021 15:08

Instrument :
MSVOA_X
ClientSampleId :

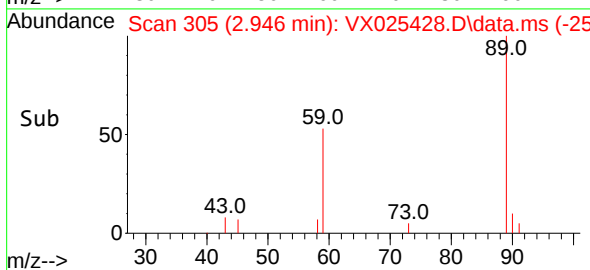
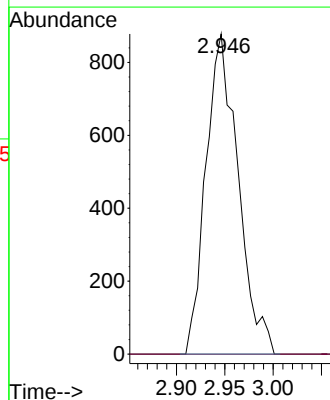
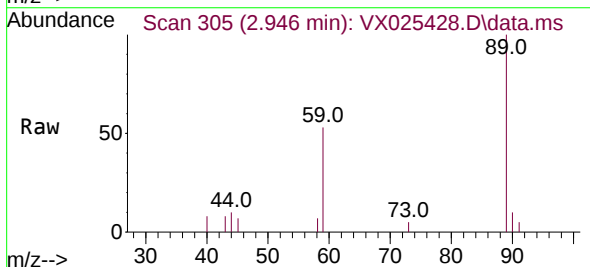


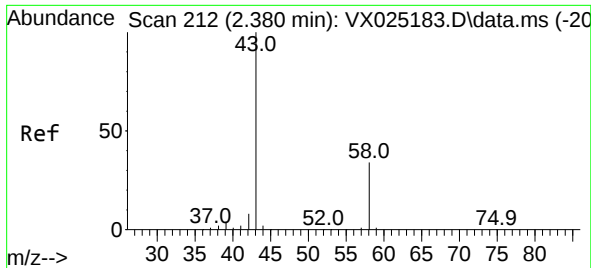
Tgt Ion: 64 Resp: 221
Ion Ratio Lower Upper
64 100
66 0.0 25.6 38.4#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.019 min
Lab File: VX025428.D
Acq: 02 Dec 2021 15:08

Tgt Ion: 59 Resp: 2030
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

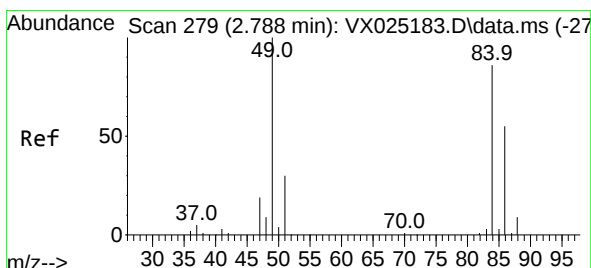
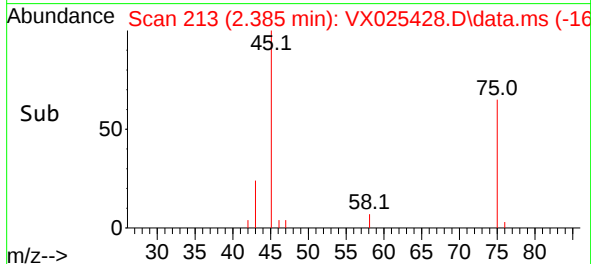
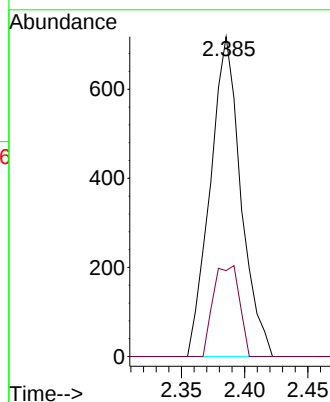
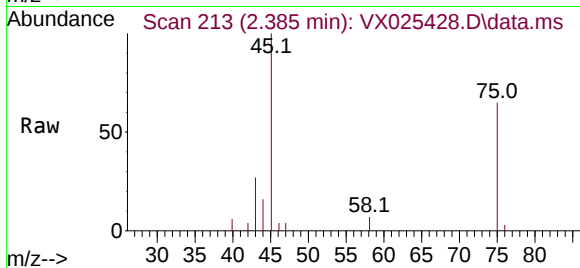




#16
Acetone
Concen: 1.882 ug/l
RT: 2.385 min Scan# 212
Delta R.T. 0.005 min
Lab File: VX025428.D
Acq: 02 Dec 2021 15:08

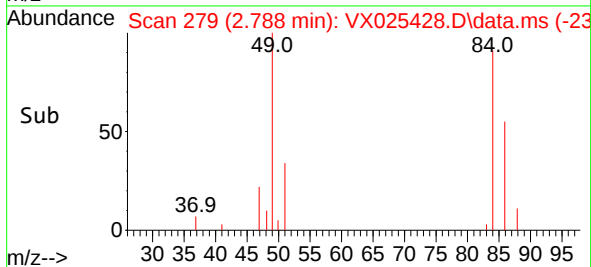
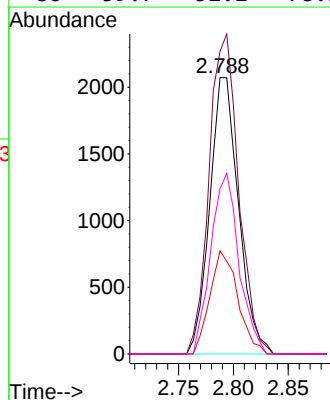
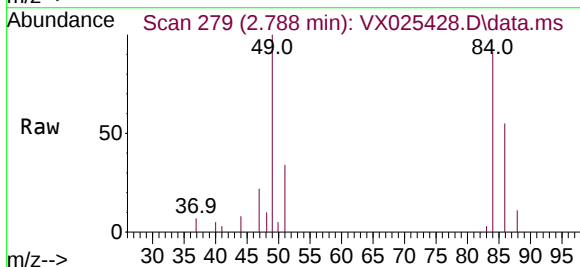
Instrument :
MSVOA_X
ClientSampleId :

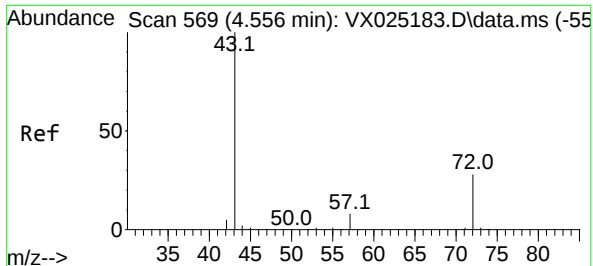
Tgt Ion: 43 Resp: 1211
Ion Ratio Lower Upper
43 100
58 26.9 24.0 36.0



#20
Methylene Chloride
Concen: 3.131 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX025428.D
Acq: 02 Dec 2021 15:08

Tgt Ion: 84 Resp: 3787
Ion Ratio Lower Upper
84 100
49 109.5 98.2 147.2
51 37.2 30.2 45.4
86 59.7 52.2 78.2





#25

2-Butanone

Concen: 0.214 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX025428.D

Acq: 02 Dec 2021 15:08

Instrument :

MSVOA_X

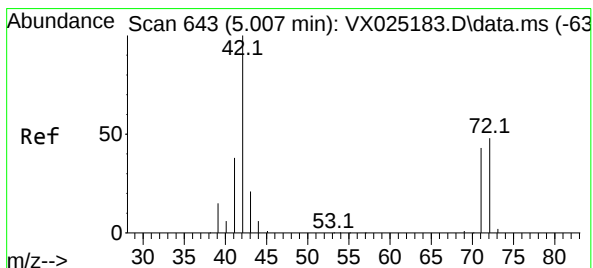
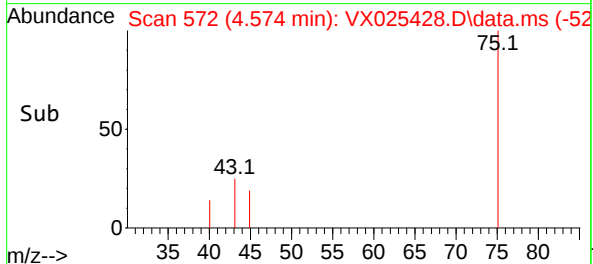
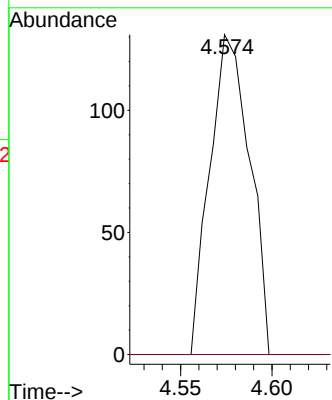
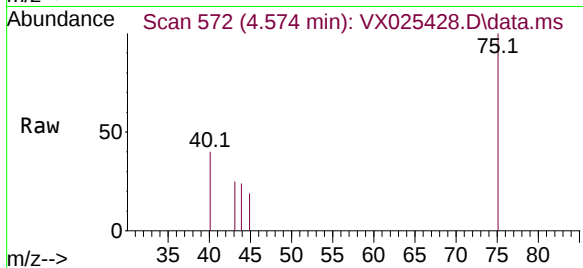
ClientSampleId :

Tgt Ion: 43 Resp: 199

Ion Ratio Lower Upper

43 100

72 0.0 21.2 31.8#



#29

Tetrahydrofuran

Concen: 0.535 ug/l

RT: 5.037 min Scan# 648

Delta R.T. 0.030 min

Lab File: VX025428.D

Acq: 02 Dec 2021 15:08

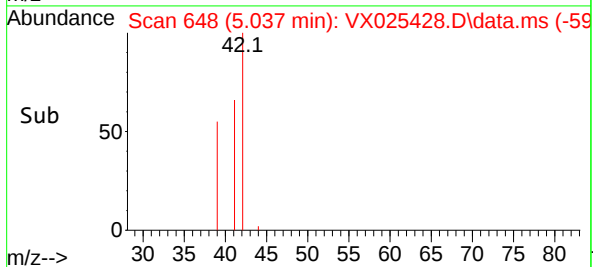
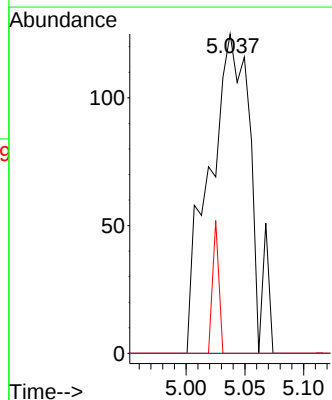
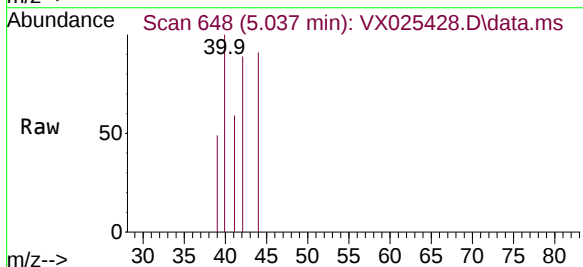
Tgt Ion: 42 Resp: 308

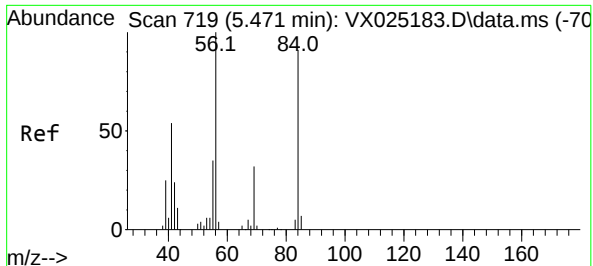
Ion Ratio Lower Upper

42 100

72 0.0 36.1 54.1#

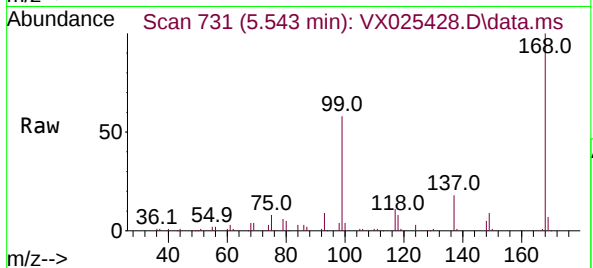
71 6.2 33.7 50.5#



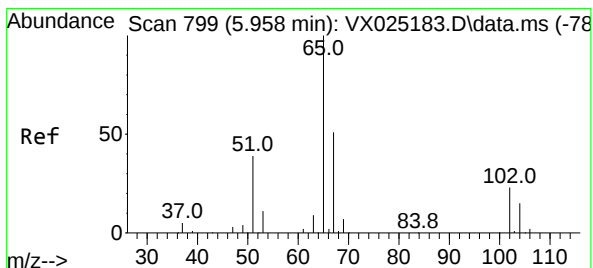
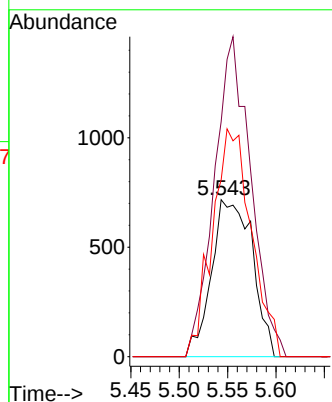
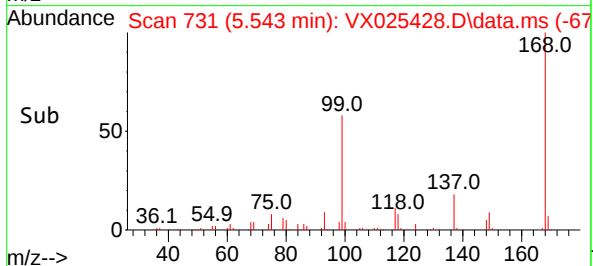


#31
Cyclohexane
Concen: 1.176 ug/l
RT: 5.543 min Scan# 719
Delta R.T. 0.072 min
Lab File: VX025428.D
Acq: 02 Dec 2021 15:08

Instrument :
MSVOA_X
ClientSampleId :

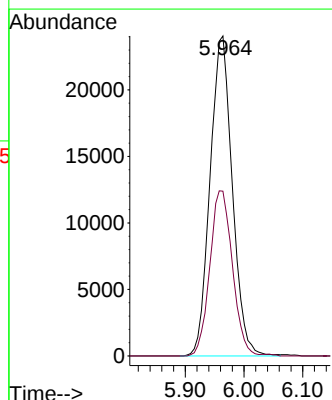
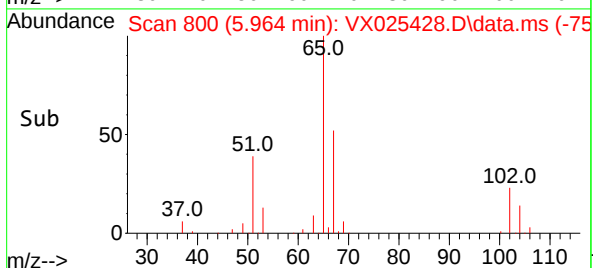
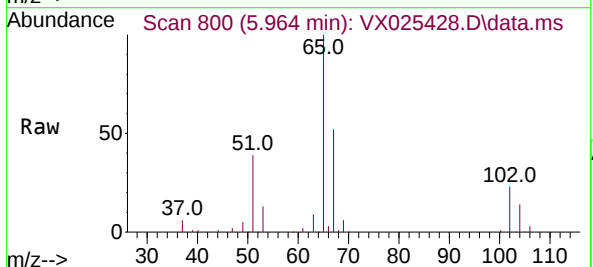


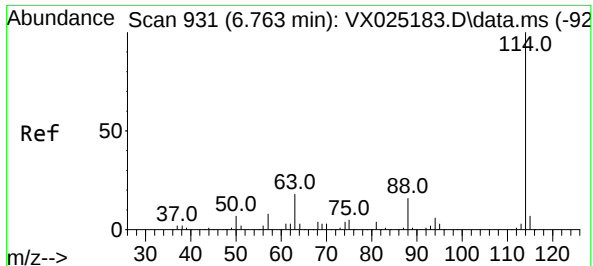
Tgt Ion: 56 Resp: 2105
Ion Ratio Lower Upper
56 100
69 149.8 24.2 36.2#
84 112.7 71.5 107.3#



#33
1,2-Dichloroethane-d4
Concen: 54.658 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX025428.D
Acq: 02 Dec 2021 15:08

Tgt Ion: 65 Resp: 63285
Ion Ratio Lower Upper
65 100
67 52.6 0.0 101.0

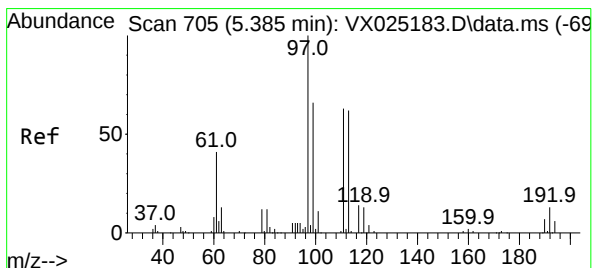
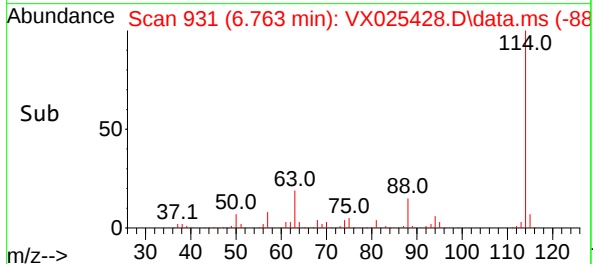
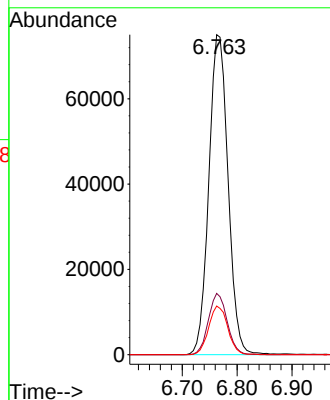
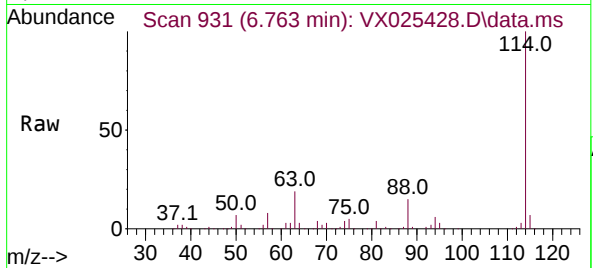




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX025428.D
Acq: 02 Dec 2021 15:08

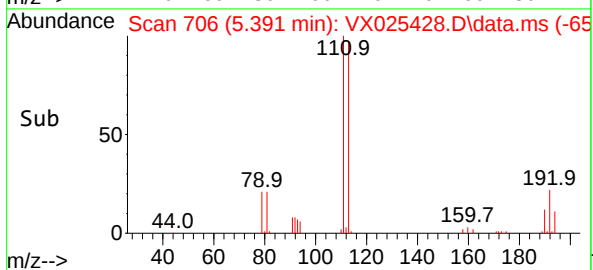
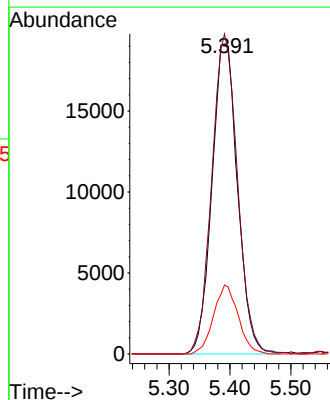
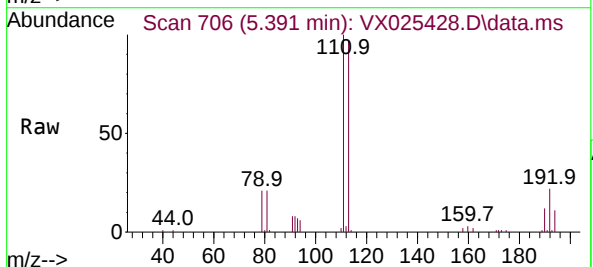
Instrument :
MSVOA_X
ClientSampleId :

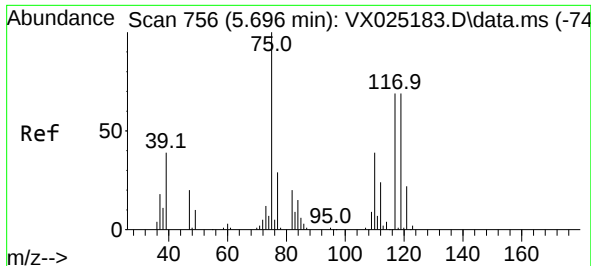
Tgt Ion:114 Resp: 182274
Ion Ratio Lower Upper
114 100
63 19.2 0.0 41.0
88 15.2 0.0 34.8



#35
Dibromofluoromethane
Concen: 50.185 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025428.D
Acq: 02 Dec 2021 15:08

Tgt Ion:113 Resp: 56125
Ion Ratio Lower Upper
113 100
111 103.2 82.1 123.1
192 21.3 15.6 23.4

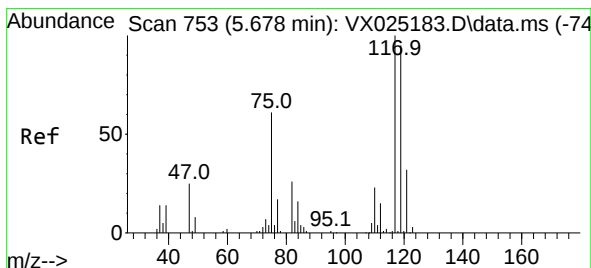
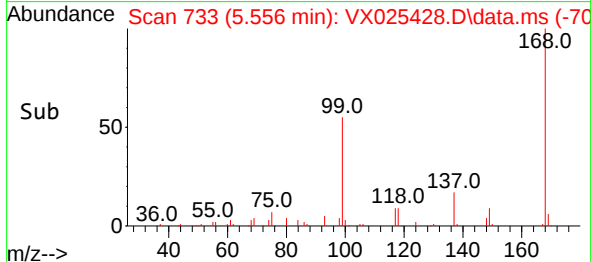
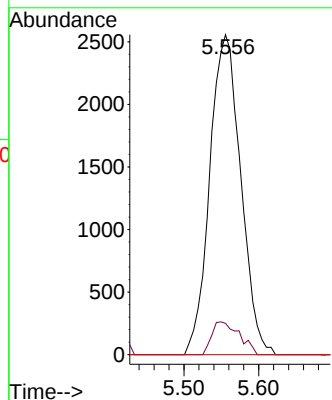
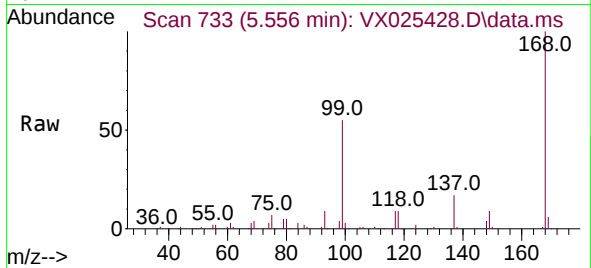




#36
1,1-Dichloropropene
Concen: 4.633 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX025428.D
Acq: 02 Dec 2021 15:08

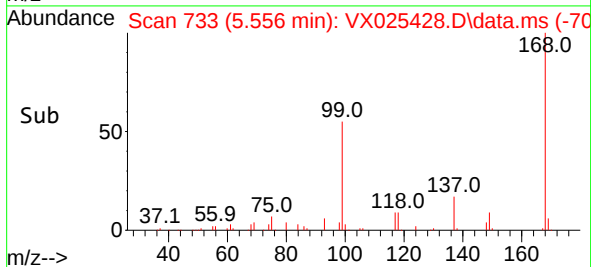
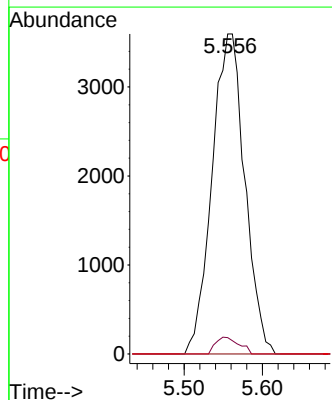
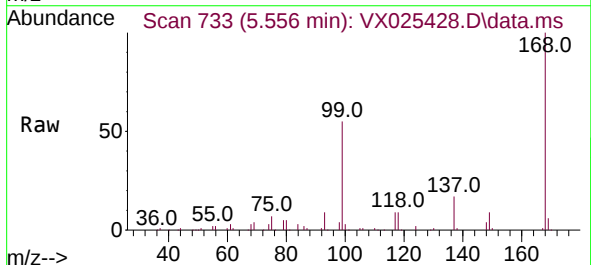
Instrument :
MSVOA_X
ClientSampleId :

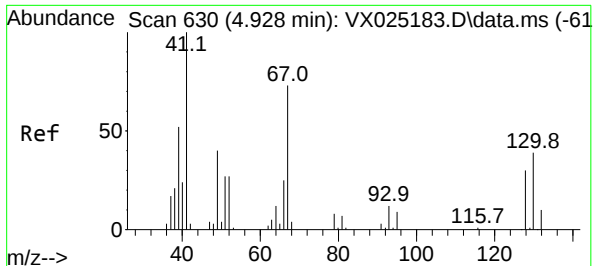
Tgt Ion: 75 Resp: 7367
Ion Ratio Lower Upper
75 100
110 9.1 18.1 54.3#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.967 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX025428.D
Acq: 02 Dec 2021 15:08

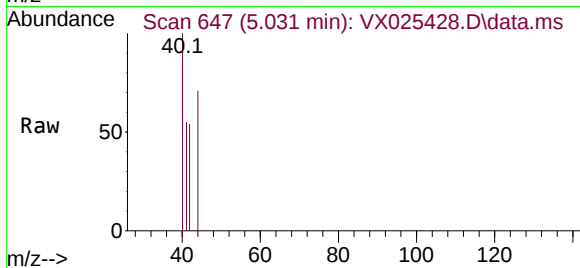
Tgt Ion: 117 Resp: 10451
Ion Ratio Lower Upper
117 100
119 5.1 75.6 113.4#
121 0.0 23.7 35.5#



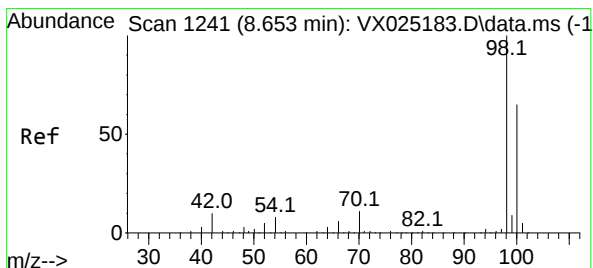
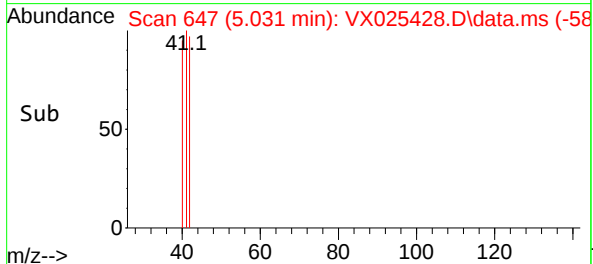
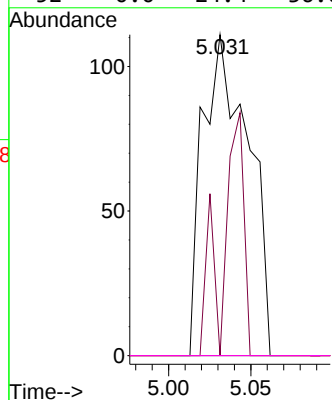


#41
Methacrylonitrile
Concen: 0.213 ug/l
RT: 5.031 min Scan# 647
Delta R.T. 0.103 min
Lab File: VX025428.D
Acq: 02 Dec 2021 15:08

Instrument :
MSVOA_X
ClientSampleId :

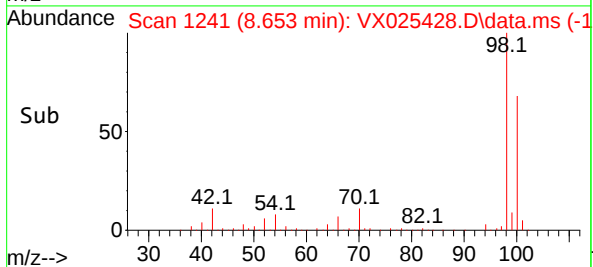
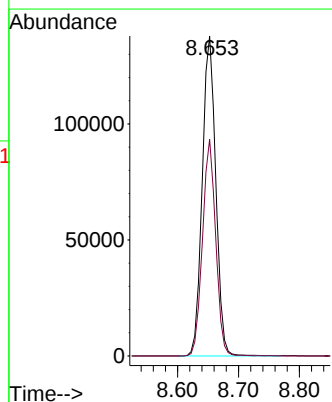
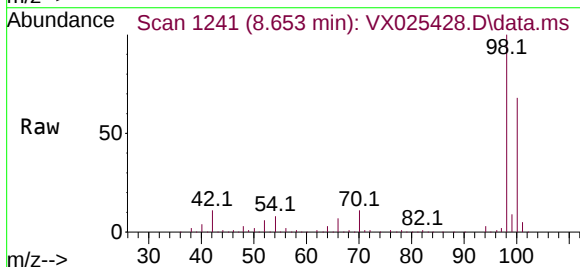


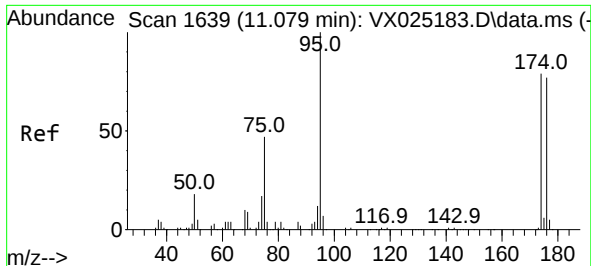
Tgt Ion:	41	Resp:	214
Ion	Ratio	Lower	Upper
41	100		
39	35.5	44.6	67.0#
67	0.0	56.7	85.1#
52	0.0	24.4	36.6#



#50
Toluene-d8
Concen: 50.665 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025428.D
Acq: 02 Dec 2021 15:08

Tgt Ion:	98	Resp:	213045
Ion	Ratio	Lower	Upper
98	100		
100	66.1	51.4	77.0





#62

4-Bromofluorobenzene

Concen: 45.067 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX025428.D

Acq: 02 Dec 2021 15:08

Instrument :

MSVOA_X

ClientSampleId :

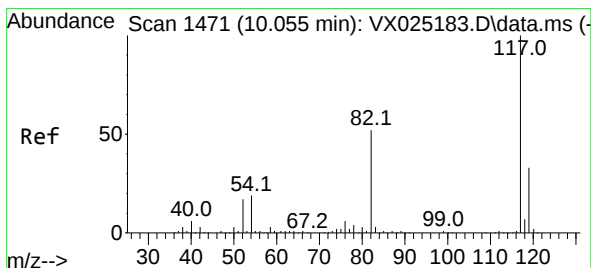
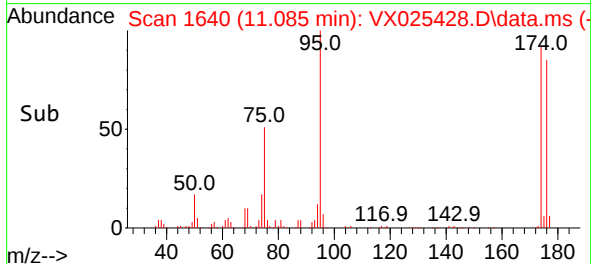
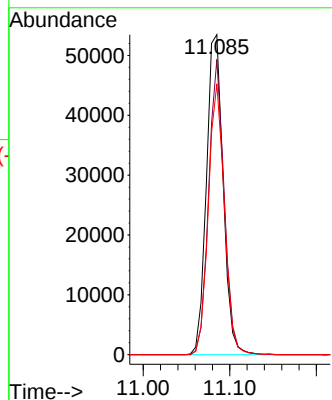
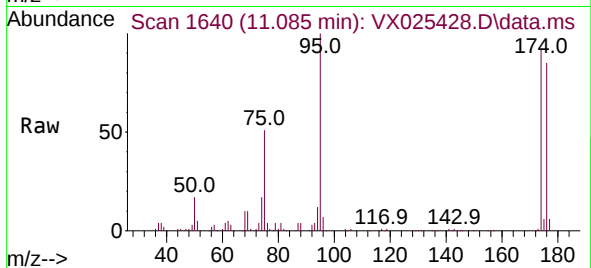
Tgt Ion: 95 Resp: 71691

Ion Ratio Lower Upper

95 100

174 86.0 0.0 158.0

176 81.2 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: VX025428.D

Acq: 02 Dec 2021 15:08

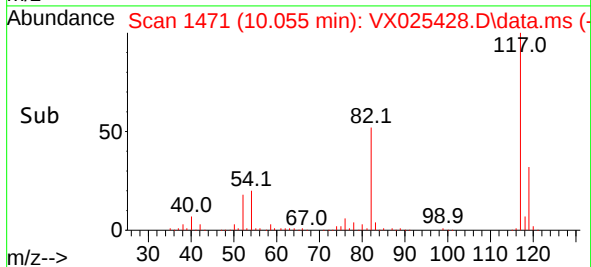
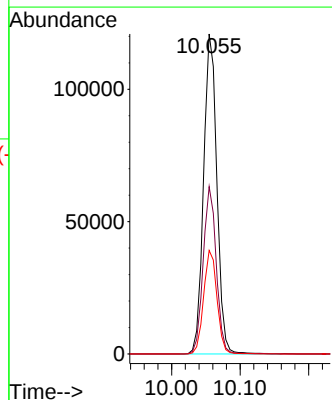
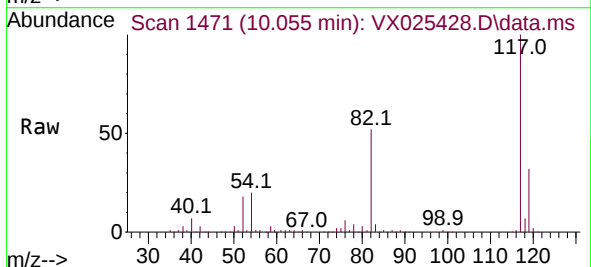
Tgt Ion: 117 Resp: 163538

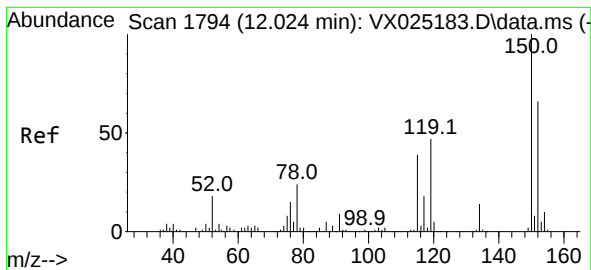
Ion Ratio Lower Upper

117 100

82 52.3 44.6 67.0

119 32.3 24.8 37.2

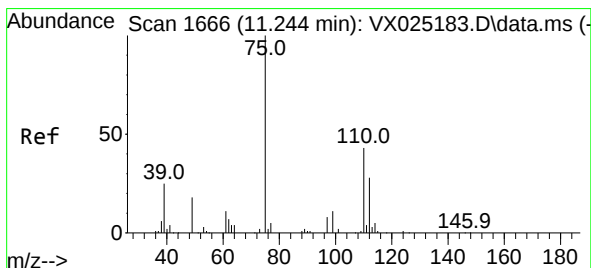
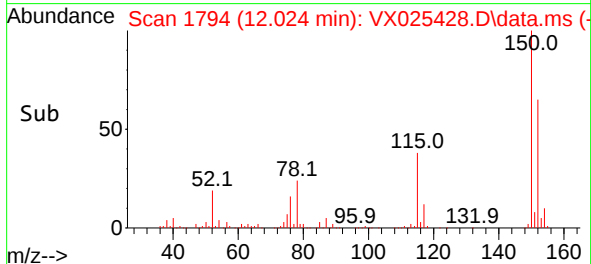
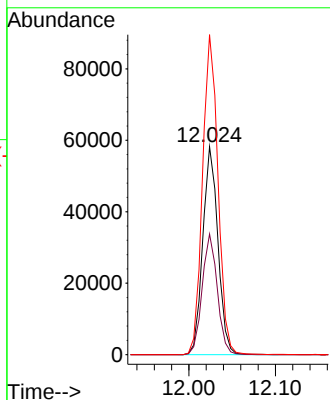
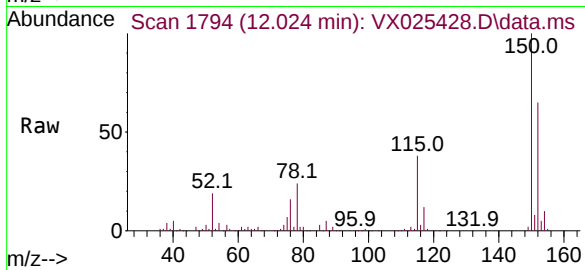




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX025428.D
 Acq: 02 Dec 2021 15:08

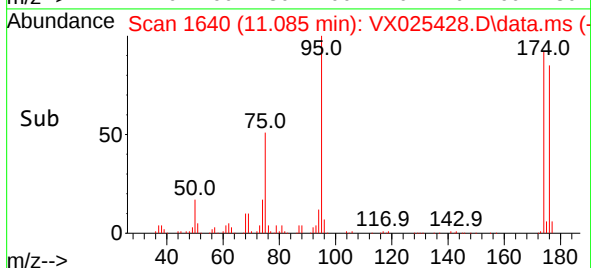
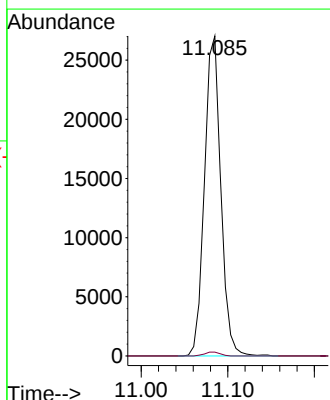
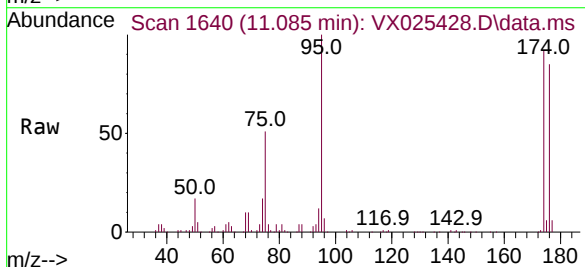
Instrument :
 MSVOA_X
 ClientSampleId :

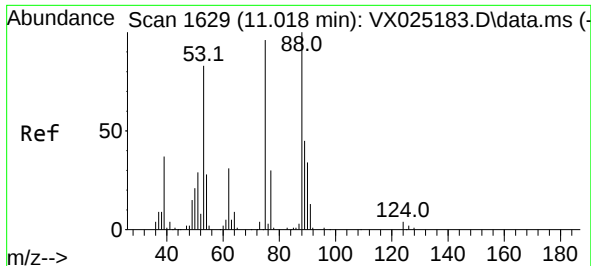
Tgt Ion:152 Resp: 70747
 Ion Ratio Lower Upper
 152 100
 115 57.8 43.3 129.8
 150 156.8 0.0 351.2



#76
 1,2,3-Trichloropropane
 Concen: 24.442 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX025428.D
 Acq: 02 Dec 2021 15:08

Tgt Ion: 75 Resp: 35411
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.0 59.9#

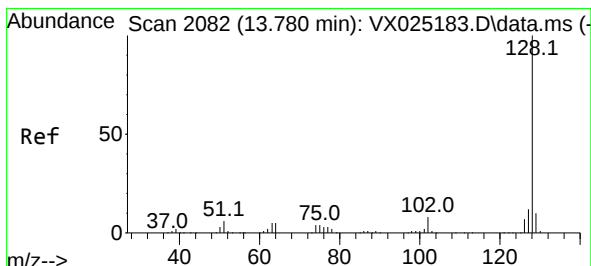
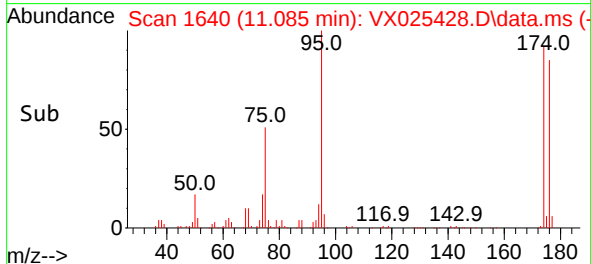
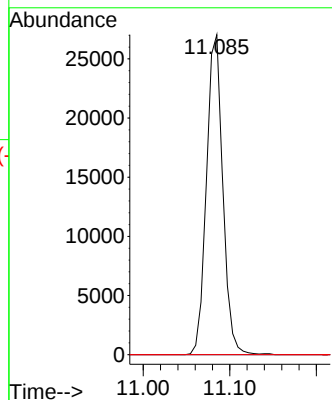
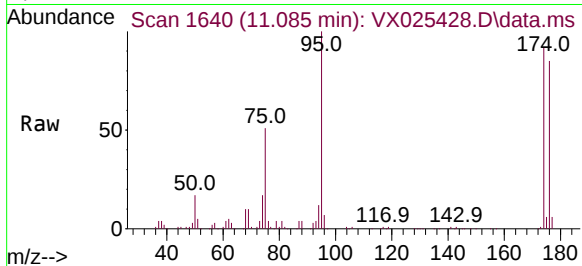




#81
trans-1,4-Dichloro-2-butene
Concen: 61.575 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX025428.D
Acq: 02 Dec 2021 15:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 35411
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: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX025428.D
Acq: 02 Dec 2021 15:08

Tgt Ion: 128 Resp: 62
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

