

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
 Data File : VX025421.D
 Acq On : 02 Dec 2021 12:22
 Operator : JC/MD
 Sample : M4908-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 03 03:05:27 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)

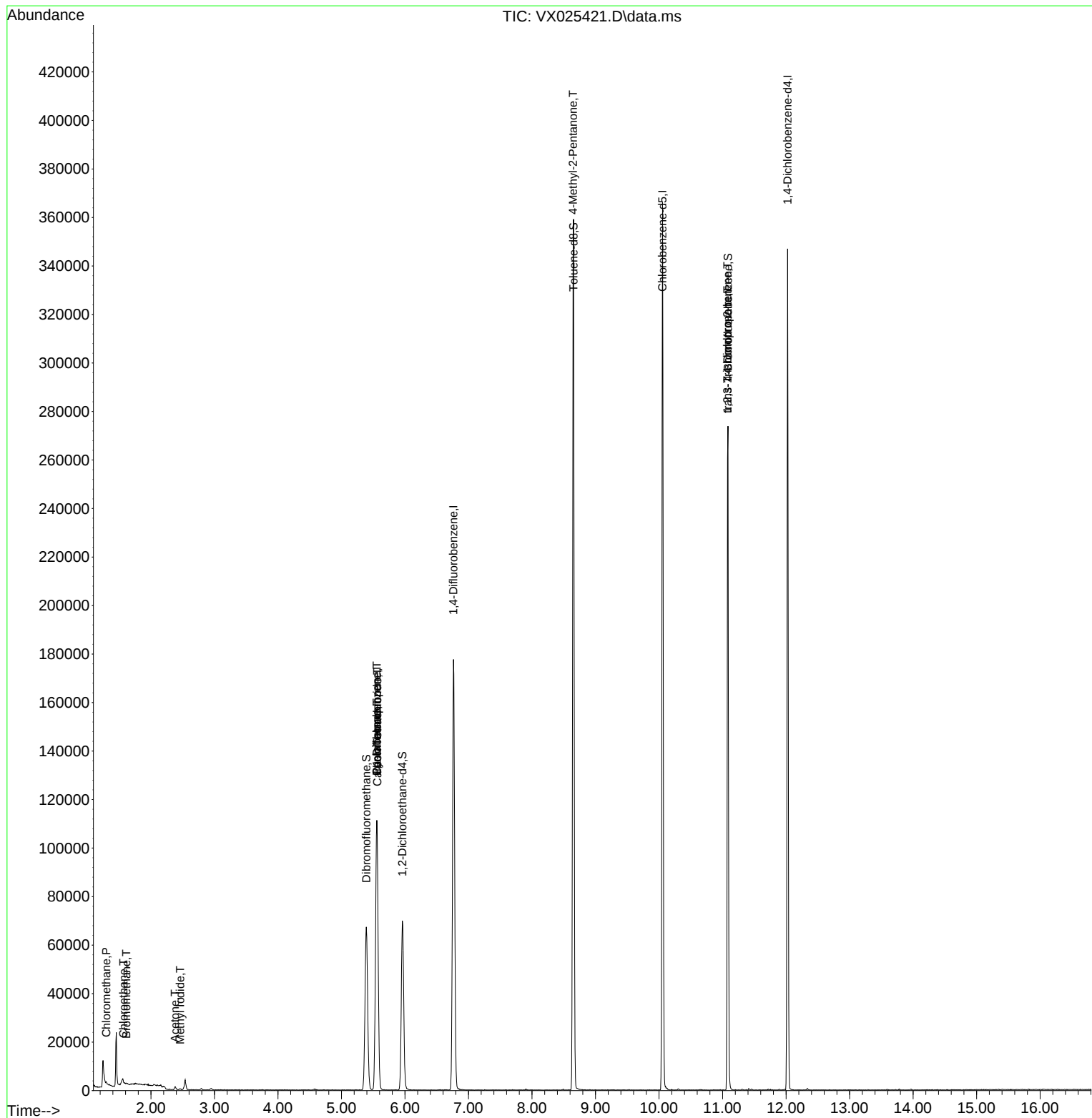
Internal Standards						
1) Pentafluorobenzene	5.556	168	114100	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	190687	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	170743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	65879	54.776	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.560%	
35) Dibromofluoromethane	5.391	113	58004	49.576	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.160%	
50) Toluene-d8	8.653	98	219141	49.816	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.640%	
62) 4-Bromofluorobenzene	11.085	95	74845	44.974	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.940%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	377	0.308	ug/l #	87
5) Bromomethane	1.611	94	154	0.266	ug/l #	73
6) Chloroethane	1.569	64	221	0.238	ug/l #	43
10) Methyl Iodide	2.459	142	493	0.371	ug/l #	82
11) Tert butyl alcohol	2.947	59	335	Below Cal	#	72
16) Acetone	2.380	43	1295	1.938	ug/l	97
31) Cyclohexane	5.556	56	2124	1.143	ug/l #	19
36) 1,1-Dichloropropene	5.556	75	7950	4.779	ug/l #	49
38) Carbon Tetrachloride	5.562	117	10438	5.696	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	937	0.474	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35774	23.880	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35774	60.158	ug/l #	9
95) Naphthalene	13.780	128	416	Below Cal	#	69

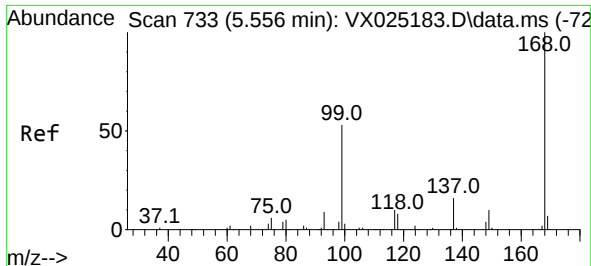
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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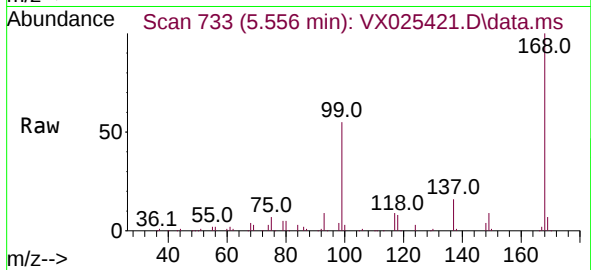
Quant Time: Dec 03 03:05:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
Response via : Initial Calibration



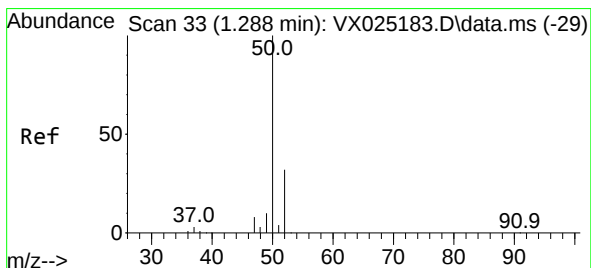
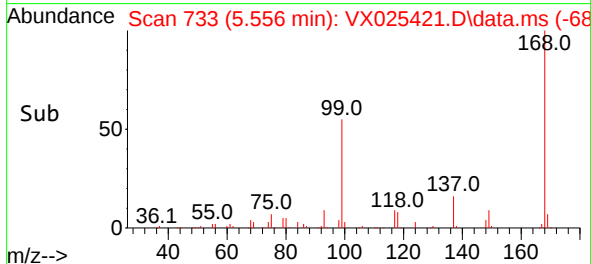
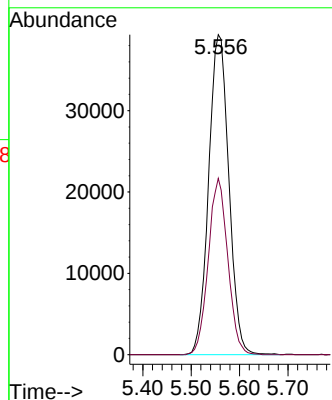


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025421.D
Acq: 02 Dec 2021 12:22

Instrument :
MSVOA_X
ClientSampleId :

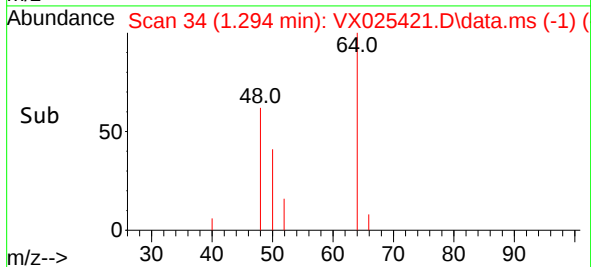
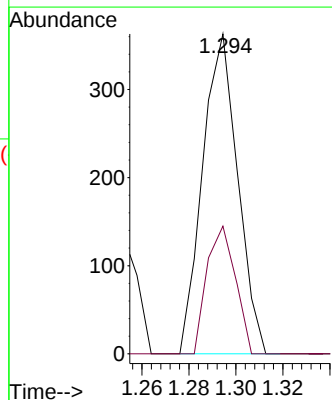
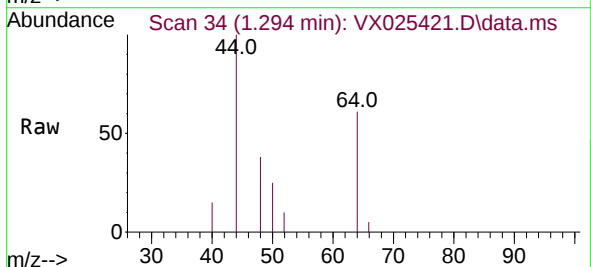


Tgt Ion:168 Resp: 114100
Ion Ratio Lower Upper
168 100
99 55.1 46.4 69.6



#3
Chloromethane
Concen: 0.308 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX025421.D
Acq: 02 Dec 2021 12:22

Tgt Ion: 50 Resp: 377
Ion Ratio Lower Upper
50 100
52 39.9 25.9 38.9#

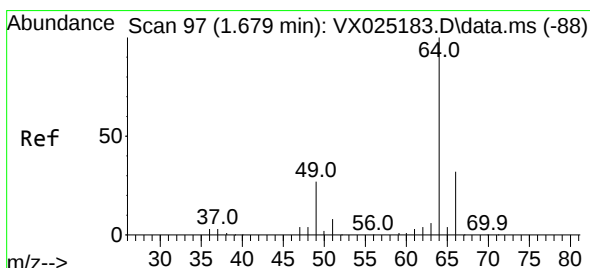
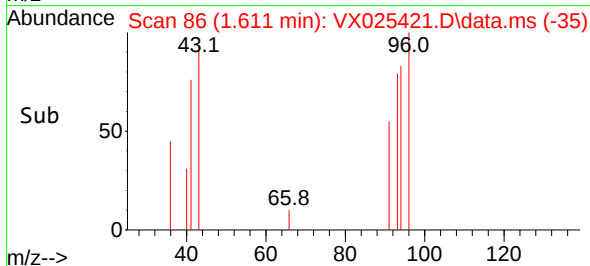
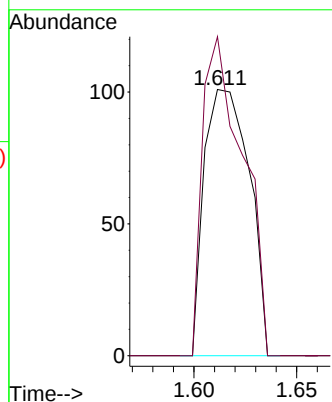
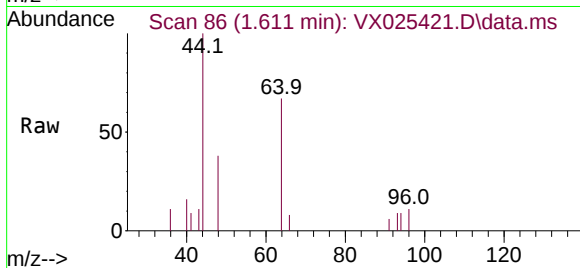




#5
Bromomethane
Concen: 0.266 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX025421.D
Acq: 02 Dec 2021 12:22

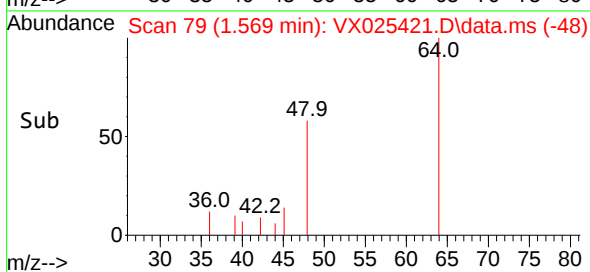
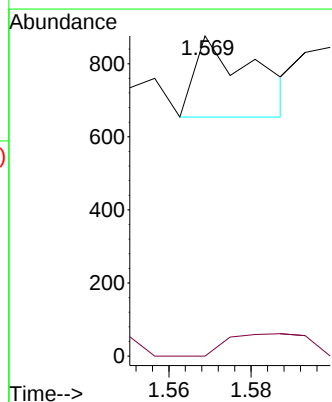
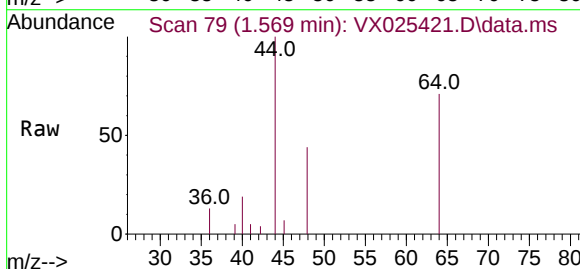
Instrument :
MSVOA_X
ClientSampleId :

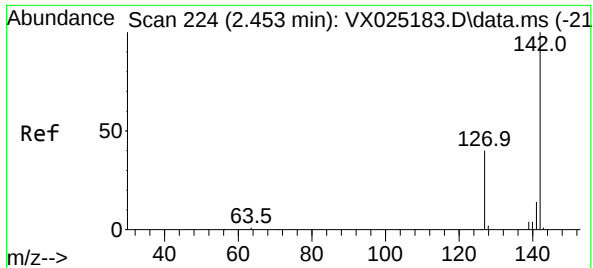
Tgt Ion: 94 Resp: 154
Ion Ratio Lower Upper
94 100
96 119.8 74.8 112.2#



#6
Chloroethane
Concen: 0.238 ug/l
RT: 1.569 min Scan# 79
Delta R.T. -0.110 min
Lab File: VX025421.D
Acq: 02 Dec 2021 12:22

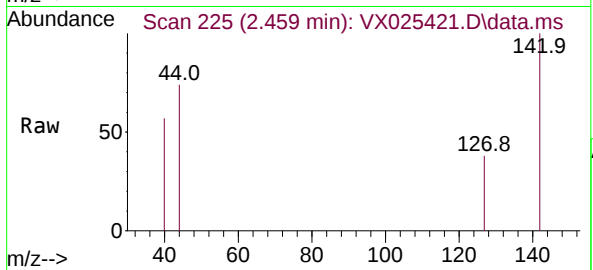
Tgt Ion: 64 Resp: 221
Ion Ratio Lower Upper
64 100
66 0.0 25.6 38.4#



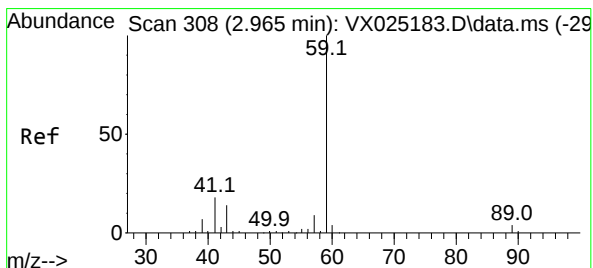
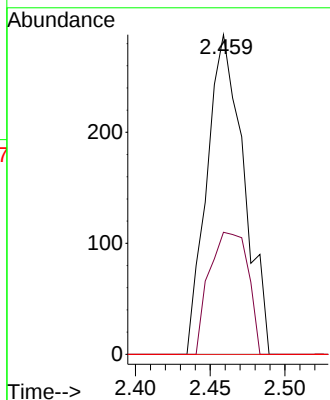
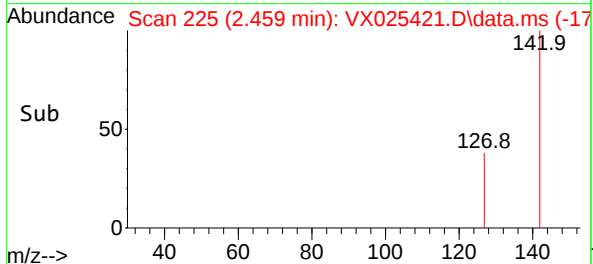


#10
Methyl Iodide
Concen: 0.371 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX025421.D
Acq: 02 Dec 2021 12:22

Instrument :
MSVOA_X
ClientSampleId :

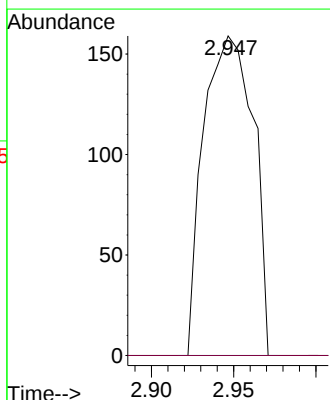
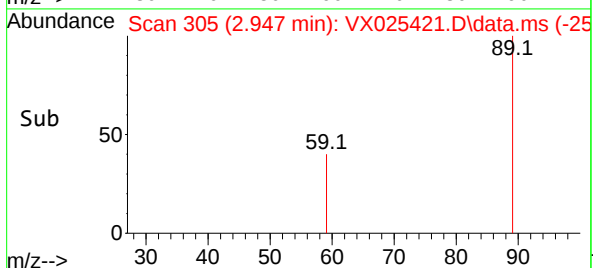
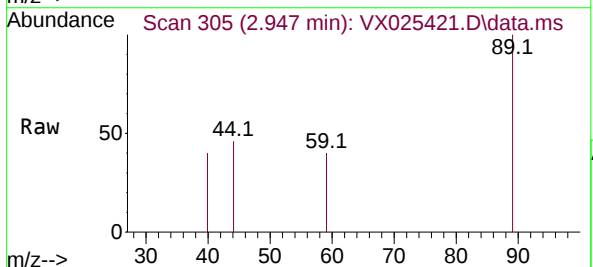


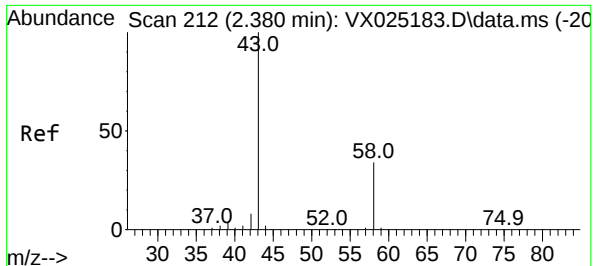
Tgt Ion:142 Resp: 493
Ion Ratio Lower Upper
142 100
127 40.2 38.9 58.3
141 0.0 11.7 17.5#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX025421.D
Acq: 02 Dec 2021 12:22

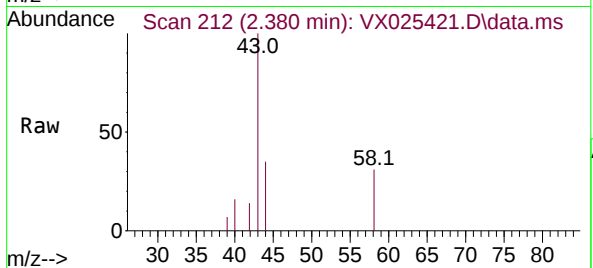
Tgt Ion: 59 Resp: 335
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



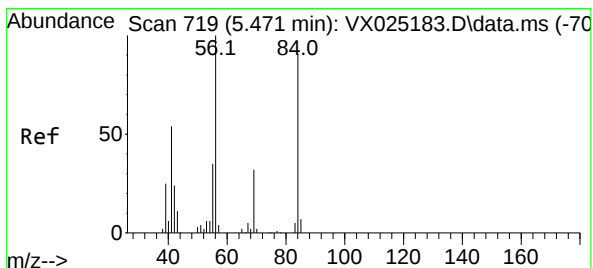
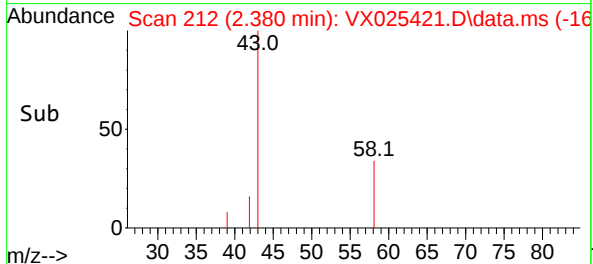
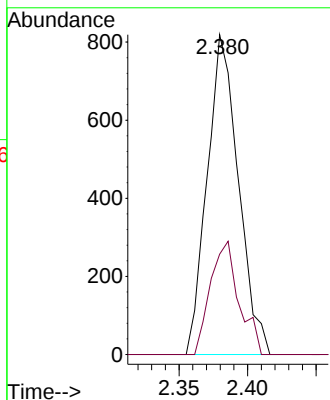


#16
Acetone
Concen: 1.938 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025421.D
Acq: 02 Dec 2021 12:22

Instrument :
MSVOA_X
ClientSampleId :

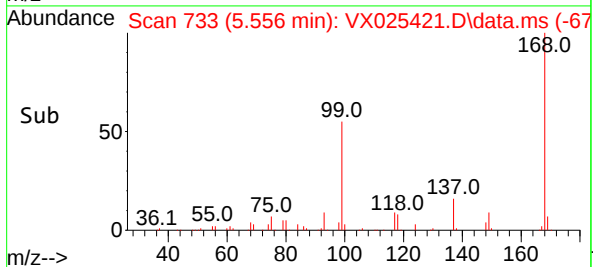
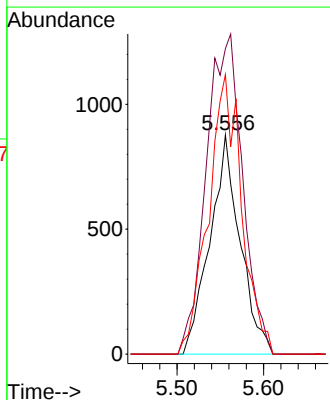
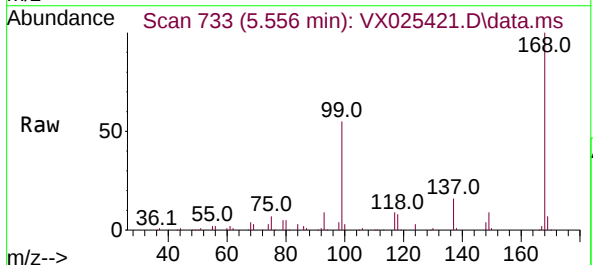


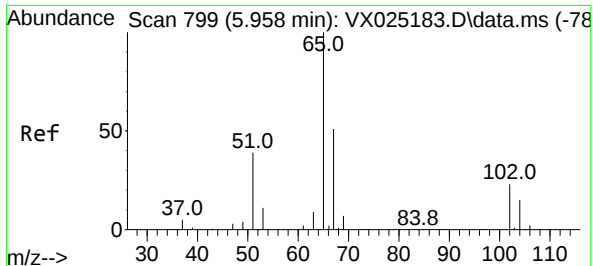
Tgt Ion: 43 Resp: 1295
Ion Ratio Lower Upper
43 100
58 31.4 24.0 36.0



#31
Cyclohexane
Concen: 1.143 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX025421.D
Acq: 02 Dec 2021 12:22

Tgt Ion: 56 Resp: 2124
Ion Ratio Lower Upper
56 100
69 139.3 24.2 36.2#
84 127.4 71.5 107.3#





#33

1,2-Dichloroethane-d4

Concen: 54.776 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX025421.D

Acq: 02 Dec 2021 12:22

Instrument :

MSVOA_X

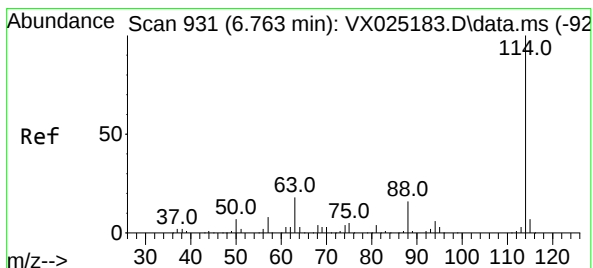
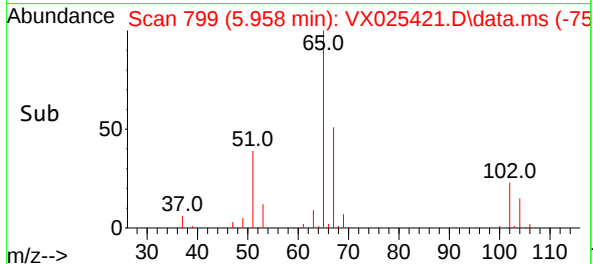
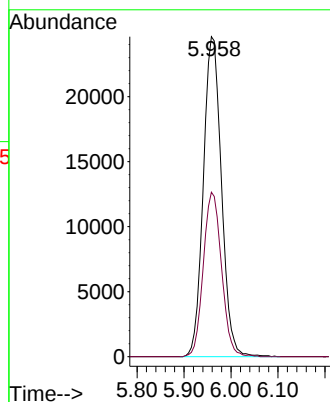
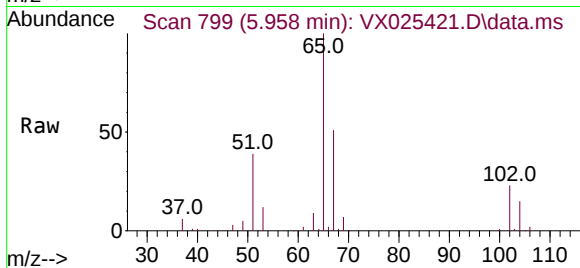
ClientSampleId :

Tgt Ion: 65 Resp: 65879

Ion Ratio Lower Upper

65 100

67 51.6 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: VX025421.D

Acq: 02 Dec 2021 12:22

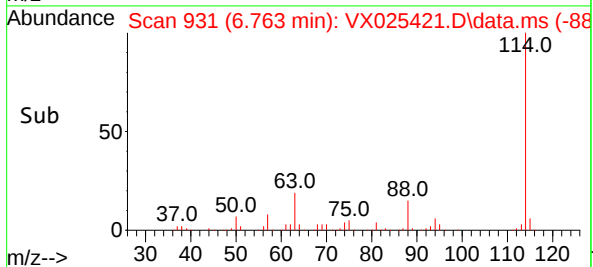
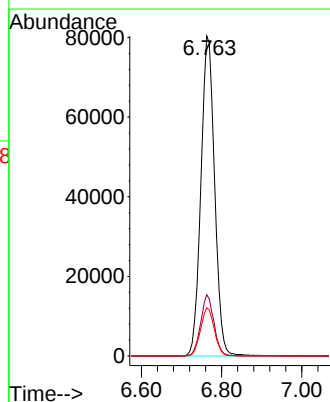
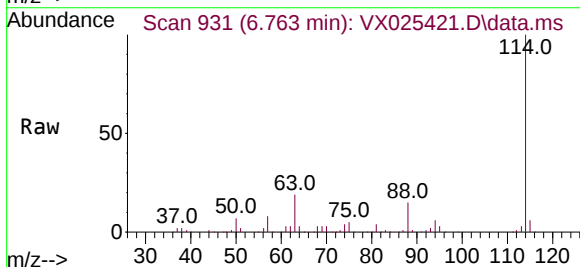
Tgt Ion: 114 Resp: 190687

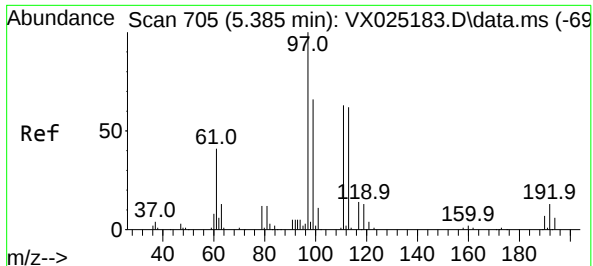
Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.0

88 15.0 0.0 34.8





#35

Dibromofluoromethane

Concen: 49.576 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

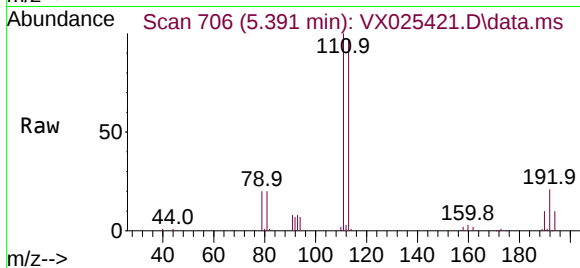
Lab File: VX025421.D

Acq: 02 Dec 2021 12:22

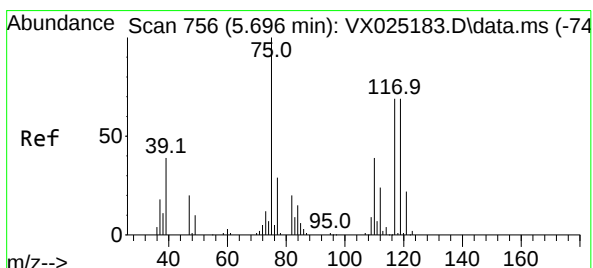
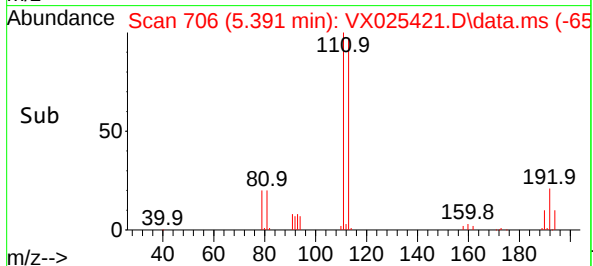
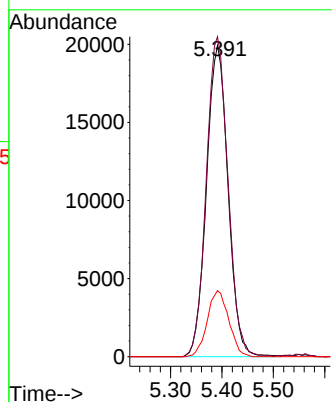
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	113	Resp:	58004
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.1	123.1
192	21.1	15.6	23.4



#36

1,1-Dichloropropene

Concen: 4.779 ug/l

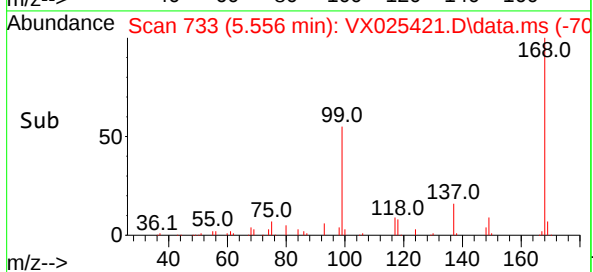
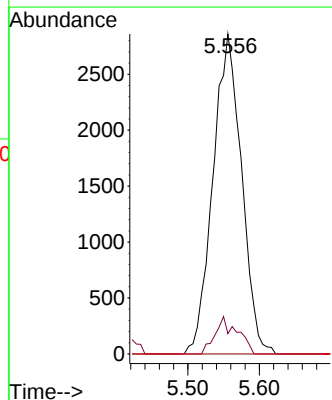
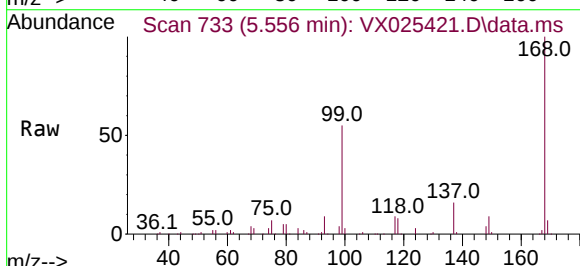
RT: 5.556 min Scan# 733

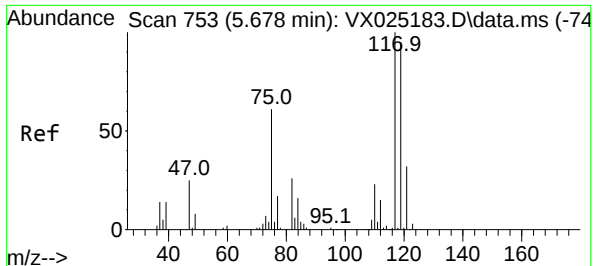
Delta R.T. -0.140 min

Lab File: VX025421.D

Acq: 02 Dec 2021 12:22

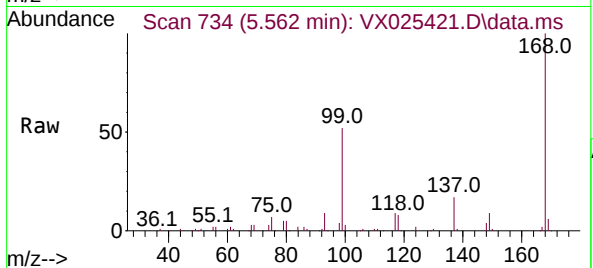
Tgt Ion:	75	Resp:	7950
Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.1	54.3#
77	0.0	24.4	36.6#



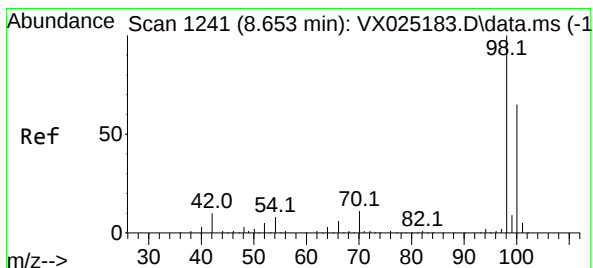
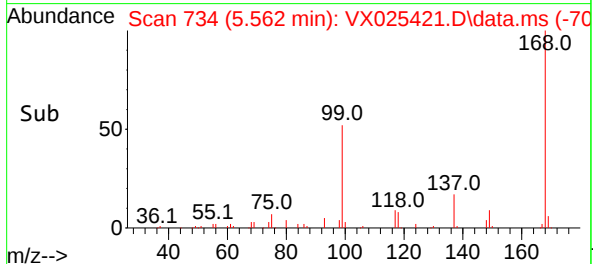
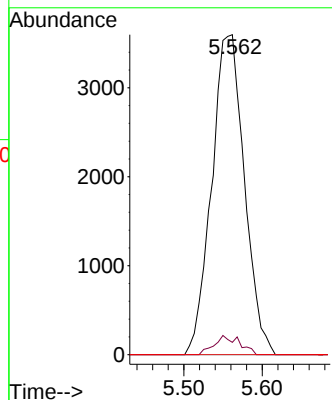


#38
Carbon Tetrachloride
Concen: 5.696 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX025421.D
Acq: 02 Dec 2021 12:22

Instrument :
MSVOA_X
ClientSampleId :

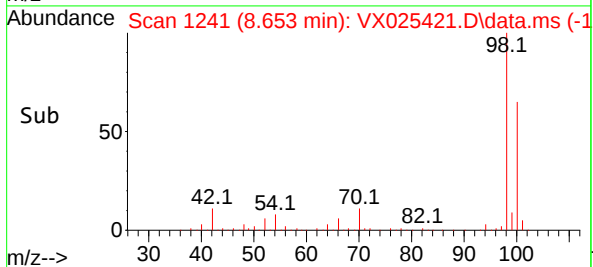
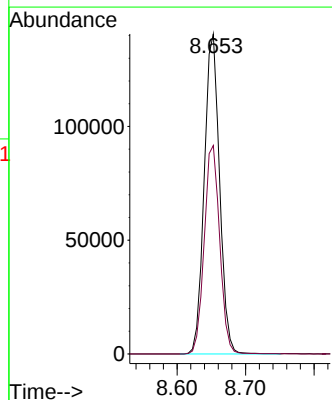
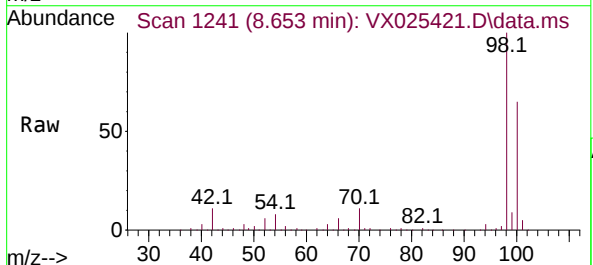


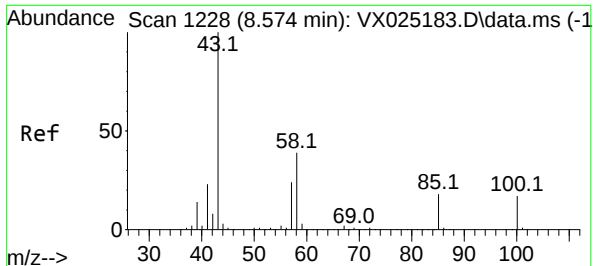
Tgt Ion:117 Resp: 10438
Ion Ratio Lower Upper
117 100
119 3.9 75.6 113.4#
121 0.0 23.7 35.5#



#50
Toluene-d8
Concen: 49.816 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025421.D
Acq: 02 Dec 2021 12:22

Tgt Ion: 98 Resp: 219141
Ion Ratio Lower Upper
98 100
100 65.8 51.4 77.0

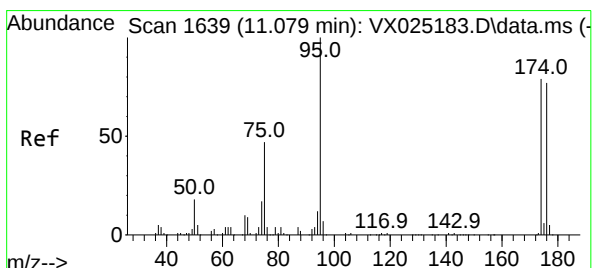
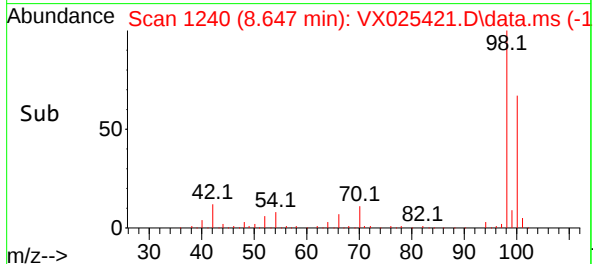
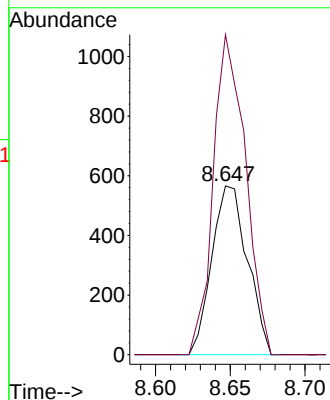
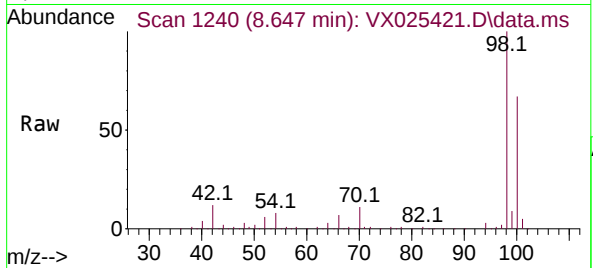




#51
4-Methyl-2-Pentanone
Concen: 0.474 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX025421.D
Acq: 02 Dec 2021 12:22

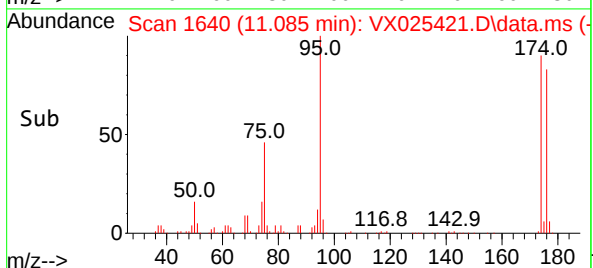
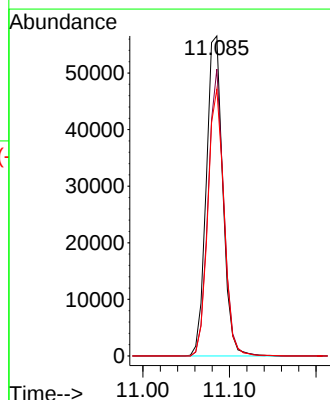
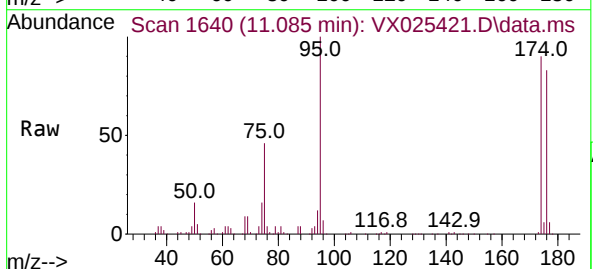
Instrument :
MSVOA_X
ClientSampleId :

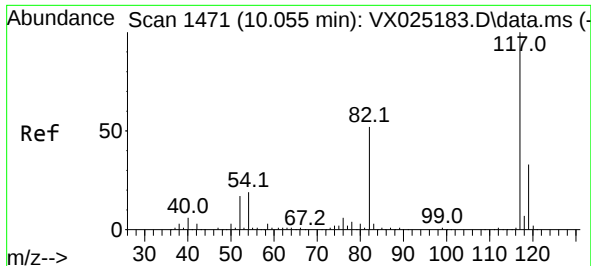
Tgt Ion: 43 Resp: 937
Ion Ratio Lower Upper
43 100
58 172.1 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 44.974 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX025421.D
Acq: 02 Dec 2021 12:22

Tgt Ion: 95 Resp: 74845
Ion Ratio Lower Upper
95 100
174 84.9 0.0 158.0
176 81.9 0.0 153.6

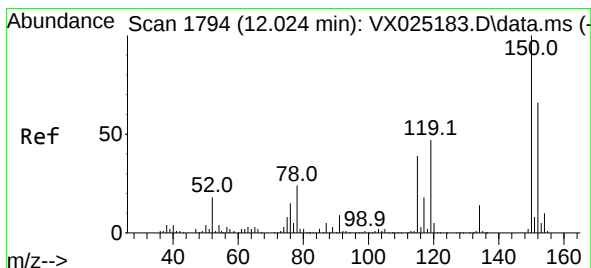
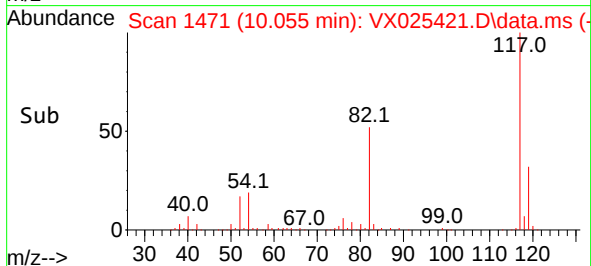
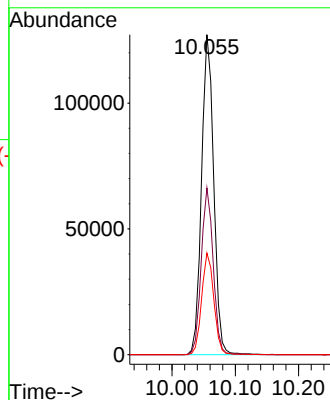
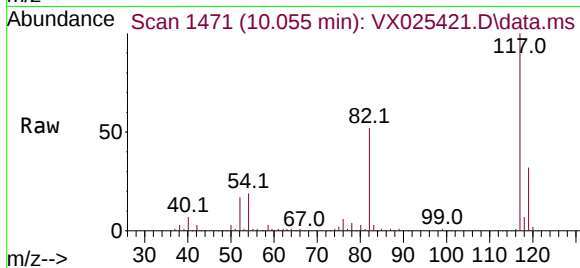




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025421.D
Acq: 02 Dec 2021 12:22

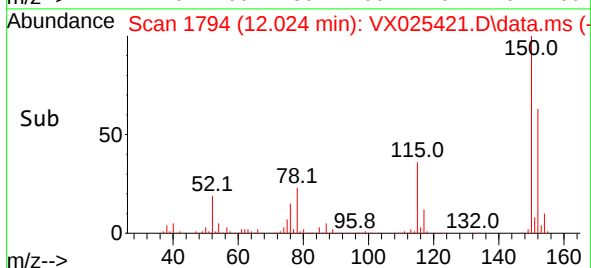
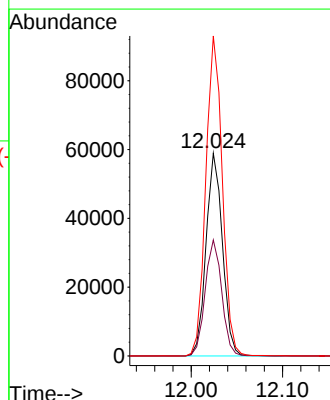
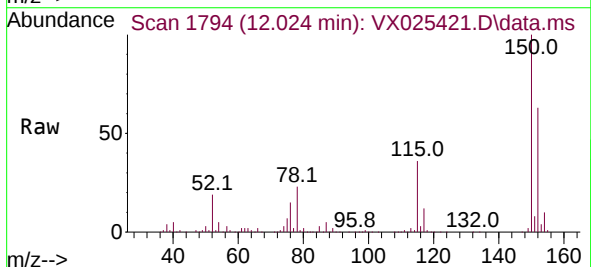
Instrument :
MSVOA_X
ClientSampleId :

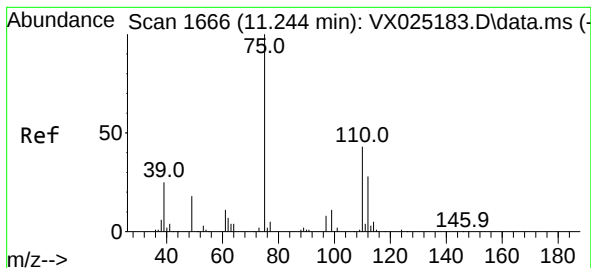
Tgt Ion:117 Resp: 170743
Ion Ratio Lower Upper
117 100
82 52.1 44.6 67.0
119 31.8 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025421.D
Acq: 02 Dec 2021 12:22

Tgt Ion:152 Resp: 73155
Ion Ratio Lower Upper
152 100
115 58.0 43.3 129.8
150 159.0 0.0 351.2





#76

1,2,3-Trichloropropane

Concen: 23.880 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX025421.D

Acq: 02 Dec 2021 12:22

Instrument :

MSVOA_X

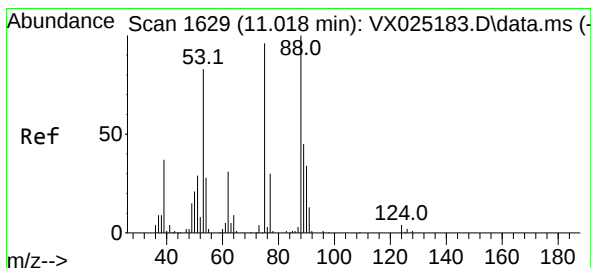
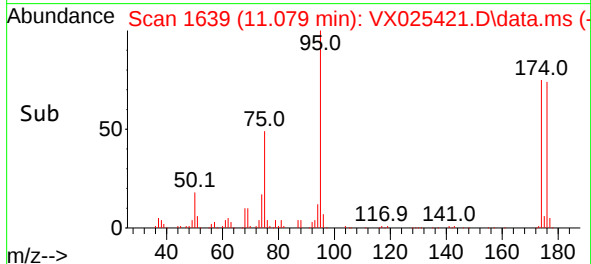
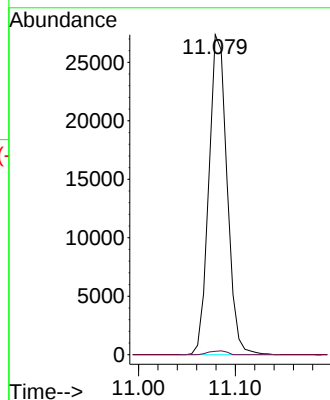
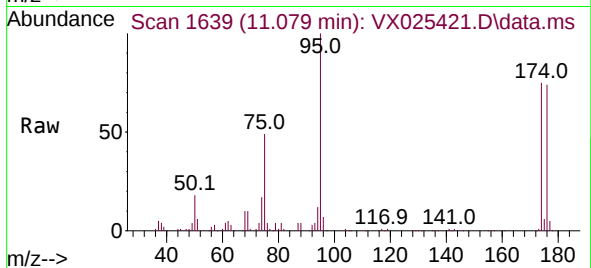
ClientSampleId :

Tgt Ion: 75 Resp: 35774

Ion Ratio Lower Upper

75 100

77 1.2 20.0 59.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 60.158 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX025421.D

Acq: 02 Dec 2021 12:22

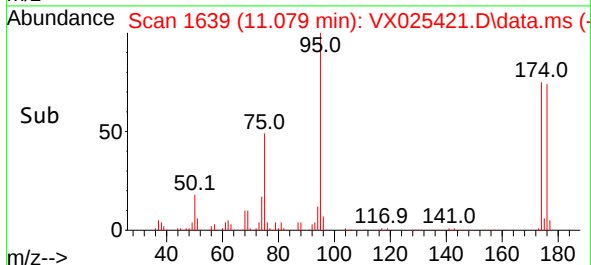
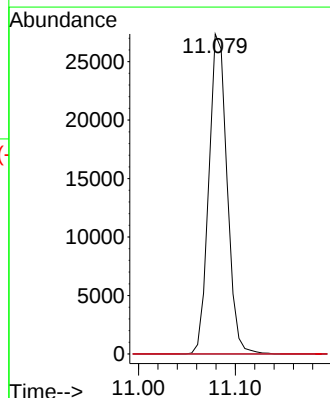
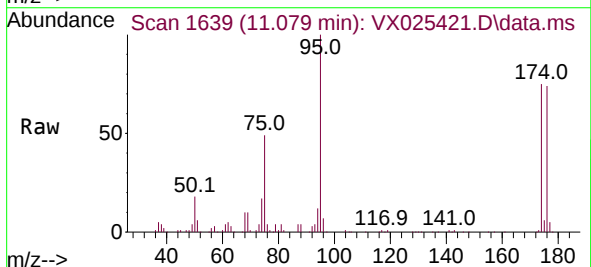
Tgt Ion: 75 Resp: 35774

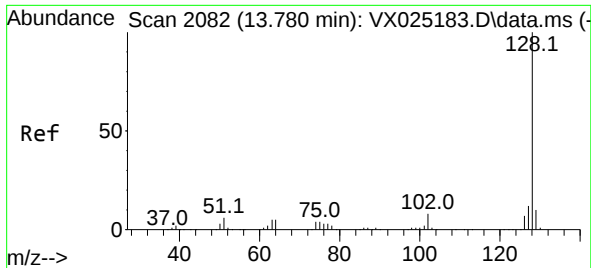
Ion Ratio Lower Upper

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

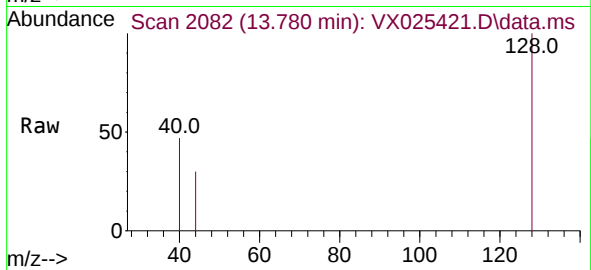
Lab File: VX025421.D

Acq: 02 Dec 2021 12:22

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:128 Resp: 416

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.8 13.2#

