

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
 Data File : VX025425.D
 Acq On : 02 Dec 2021 13:56
 Operator : JC/MD
 Sample : M4853-02RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 03 03:06:40 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.	T. QIon	Response	Conc	Units	Dev(Min)

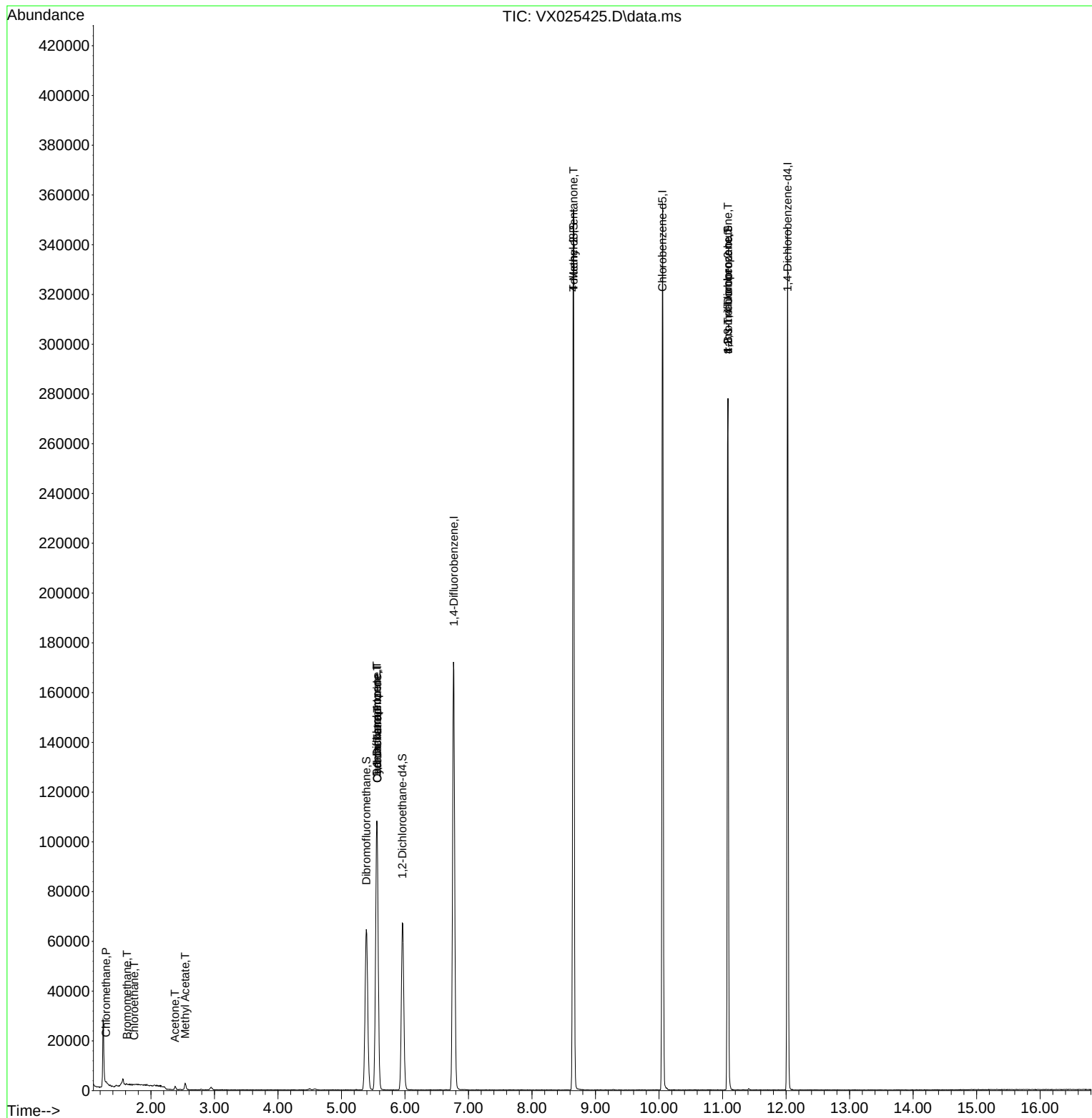
Internal Standards						
1) Pentafluorobenzene	5.556	168	110096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	184893	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	164705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73323	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63267	54.518	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	109.040%
35) Dibromofluoromethane	5.391	113	56631	49.920	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.840%
50) Toluene-d8	8.653	98	211325	49.545	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.080%
62) 4-Bromofluorobenzene	11.085	95	73710	45.680	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.360%
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	259	0.219	ug/l	94
5) Bromomethane	1.624	94	191	0.342	ug/l #	72
6) Chloroethane	1.733	64	203	0.227	ug/l #	43
11) Tert butyl alcohol	2.940	59	758	Below Cal	#	72
16) Acetone	2.380	43	1300	2.016	ug/l #	81
18) Methyl Acetate	2.538	43	778	0.378	ug/l #	52
31) Cyclohexane	5.562	56	2037	1.136	ug/l #	30
36) 1,1-Dichloropropene	5.556	75	7444	4.615	ug/l #	50
38) Carbon Tetrachloride	5.562	117	10300	5.797	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	929	0.485	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	35955	23.946	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	35955	60.324	ug/l #	9

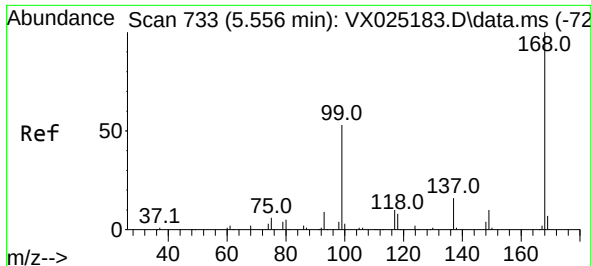
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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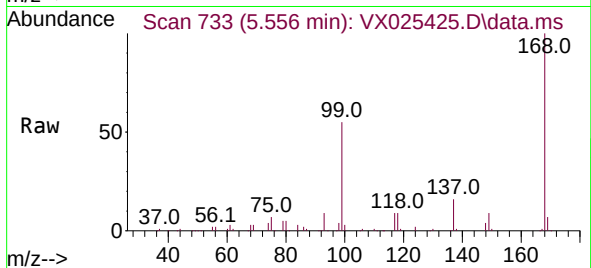
Quant Time: Dec 03 03:06:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
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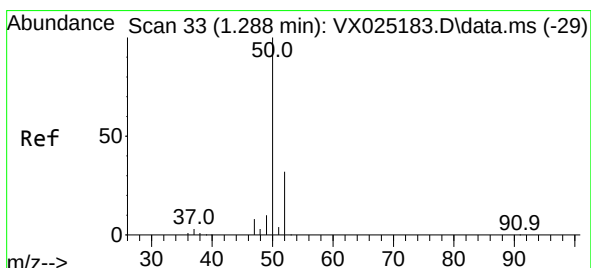
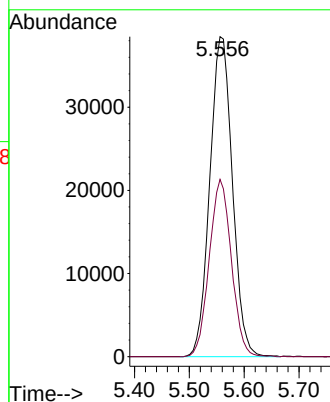
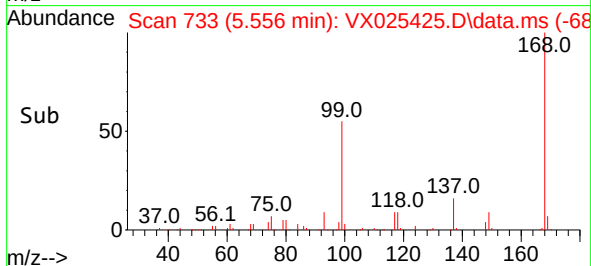


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025425.D
Acq: 02 Dec 2021 13:56

Instrument :
MSVOA_X
ClientSampleId :

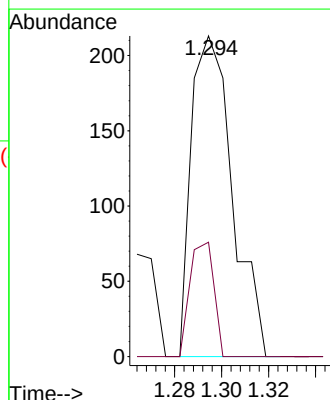
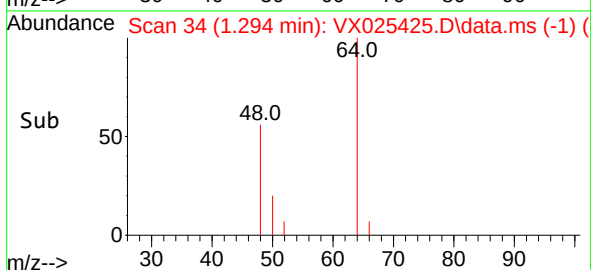
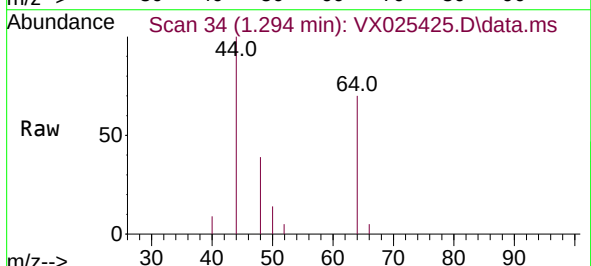


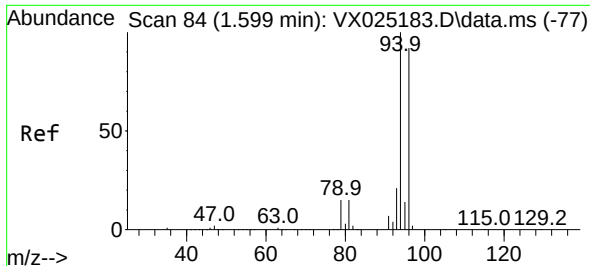
Tgt Ion:168 Resp: 110096
Ion Ratio Lower Upper
168 100
99 55.4 46.4 69.6



#3
Chloromethane
Concen: 0.219 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX025425.D
Acq: 02 Dec 2021 13:56

Tgt Ion: 50 Resp: 259
Ion Ratio Lower Upper
50 100
52 35.7 25.9 38.9

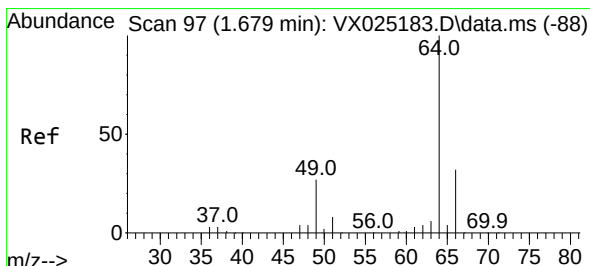
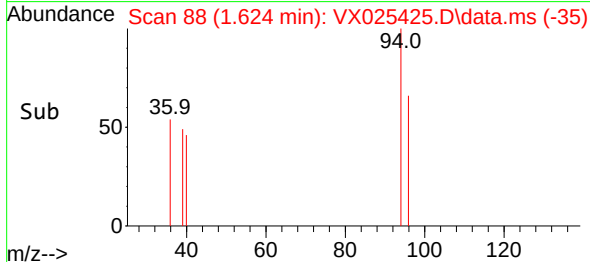
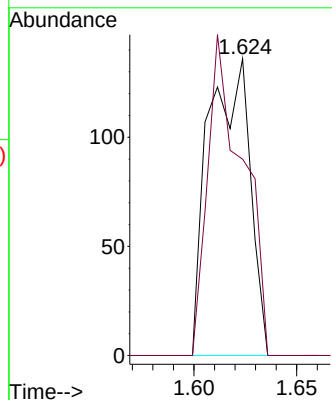
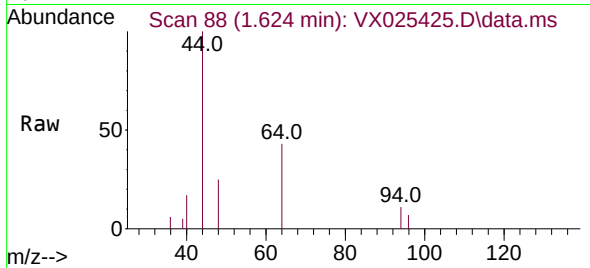




#5
Bromomethane
Concen: 0.342 ug/l
RT: 1.624 min Scan# 84
Delta R.T. 0.025 min
Lab File: VX025425.D
Acq: 02 Dec 2021 13:56

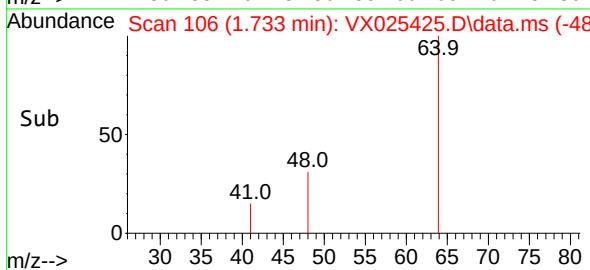
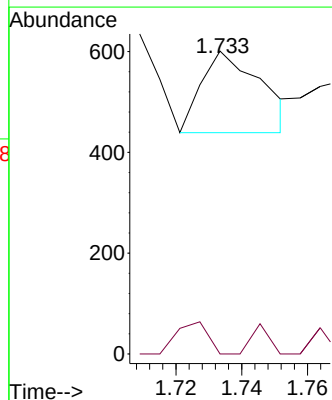
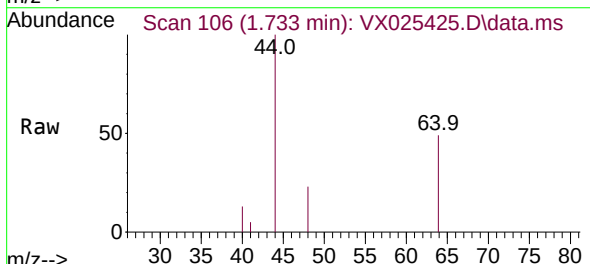
Instrument :
MSVOA_X
ClientSampleId :

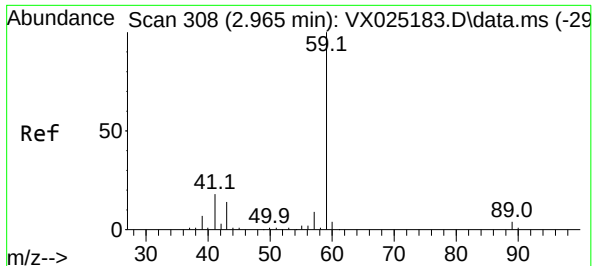
Tgt Ion: 94 Resp: 191
Ion Ratio Lower Upper
94 100
96 66.2 74.8 112.2#



#6
Chloroethane
Concen: 0.227 ug/l
RT: 1.733 min Scan# 106
Delta R.T. 0.054 min
Lab File: VX025425.D
Acq: 02 Dec 2021 13:56

Tgt Ion: 64 Resp: 203
Ion Ratio Lower Upper
64 100
66 0.0 25.6 38.4#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.940 min Scan# 308

Delta R.T. -0.025 min

Lab File: VX025425.D

Acq: 02 Dec 2021 13:56

Instrument :

MSVOA_X

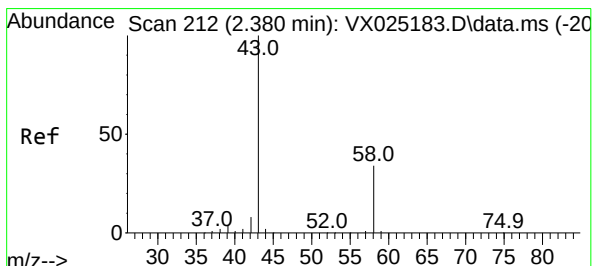
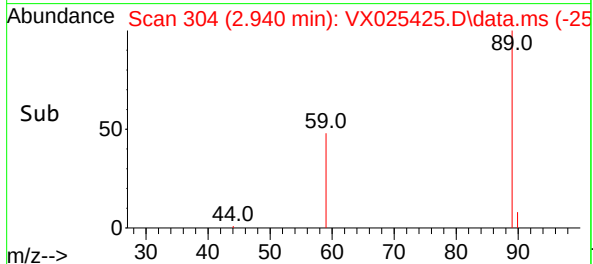
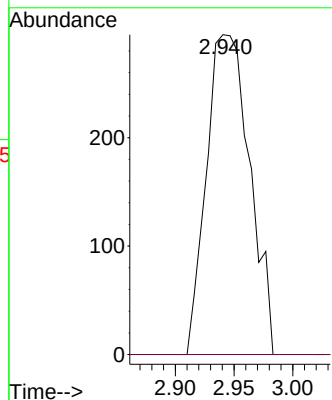
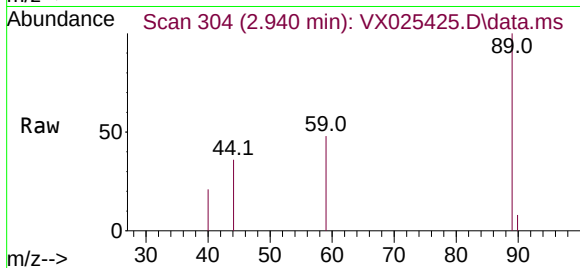
ClientSampleId :

Tgt Ion: 59 Resp: 758

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#16

Acetone

Concen: 2.016 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX025425.D

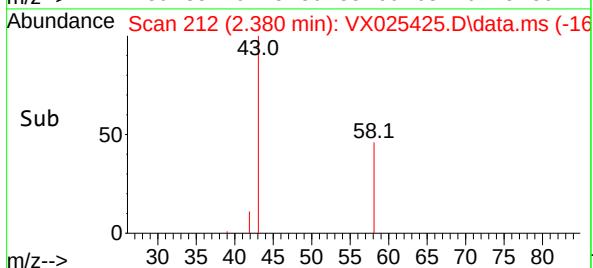
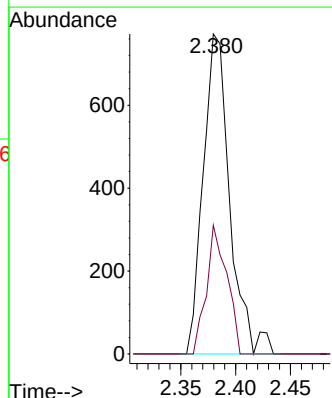
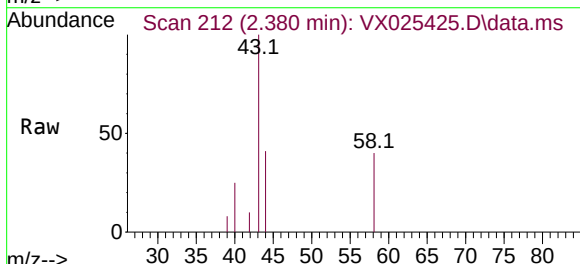
Acq: 02 Dec 2021 13:56

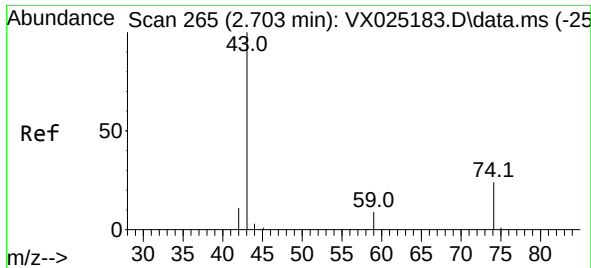
Tgt Ion: 43 Resp: 1300

Ion Ratio Lower Upper

43 100

58 40.3 24.0 36.0#

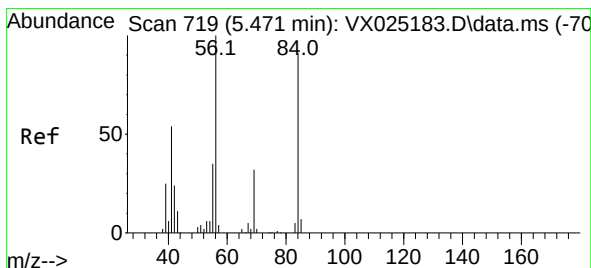
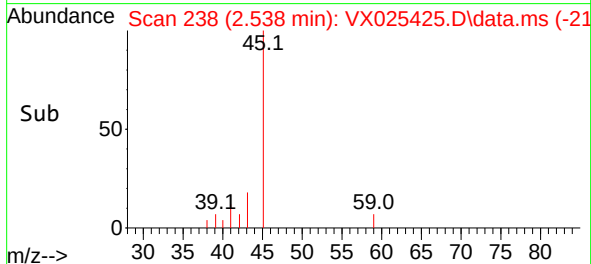
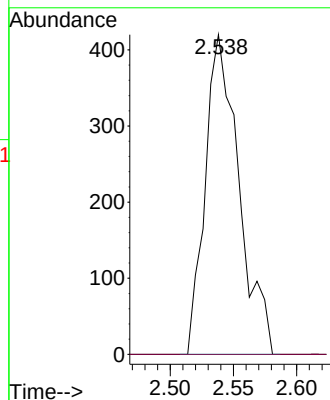
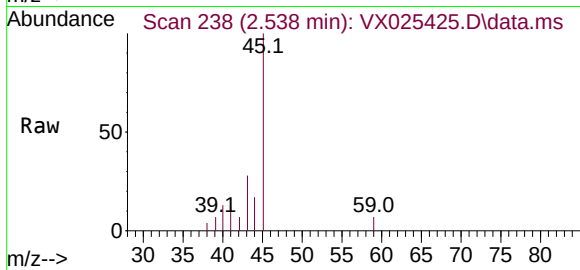




#18
Methyl Acetate
Concen: 0.378 ug/l
RT: 2.538 min Scan# 21
Delta R.T. -0.165 min
Lab File: VX025425.D
Acq: 02 Dec 2021 13:56

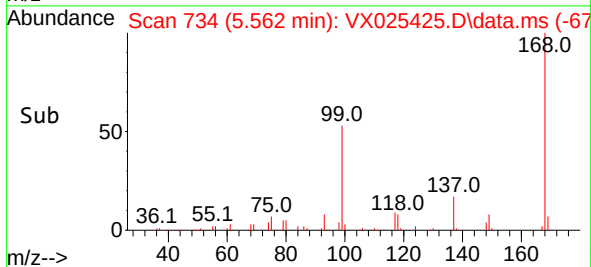
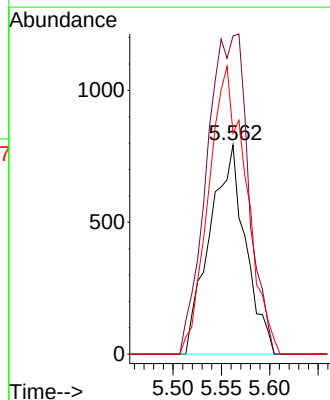
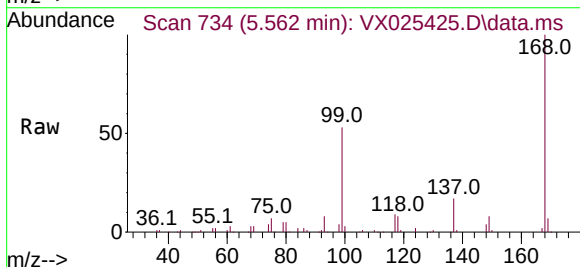
Instrument :
MSVOA_X
ClientSampleId :

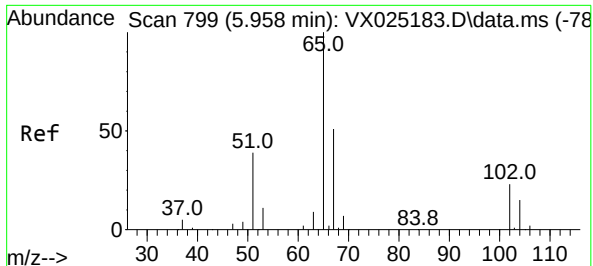
Tgt Ion: 43 Resp: 778
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.6#



#31
Cyclohexane
Concen: 1.136 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.091 min
Lab File: VX025425.D
Acq: 02 Dec 2021 13:56

Tgt Ion: 56 Resp: 2037
Ion Ratio Lower Upper
56 100
69 152.1 24.2 36.2#
84 105.7 71.5 107.3





#33

1,2-Dichloroethane-d4

Concen: 54.518 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX025425.D

Acq: 02 Dec 2021 13:56

Instrument :

MSVOA_X

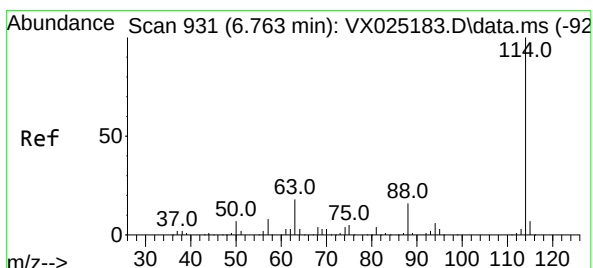
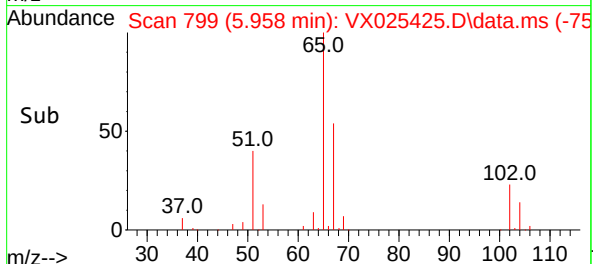
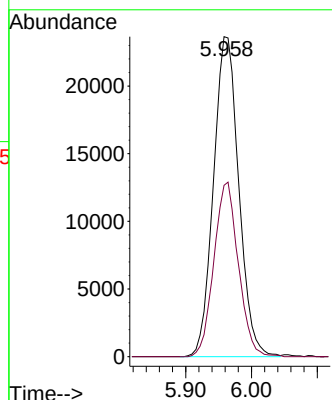
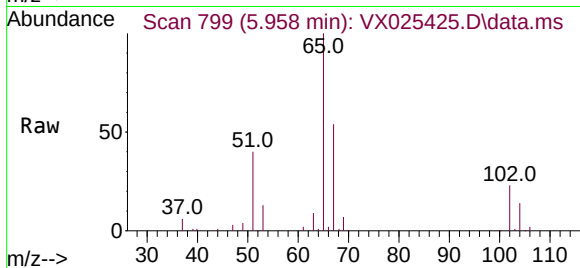
ClientSampleId :

Tgt Ion: 65 Resp: 63267

Ion Ratio Lower Upper

65 100

67 52.8 0.0 101.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX025425.D

Acq: 02 Dec 2021 13:56

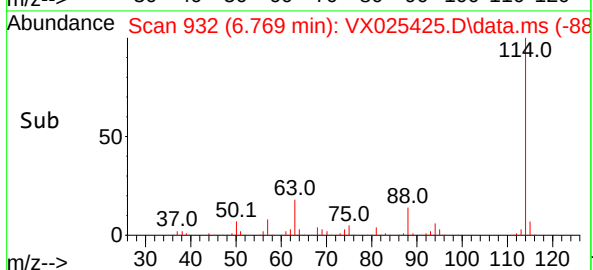
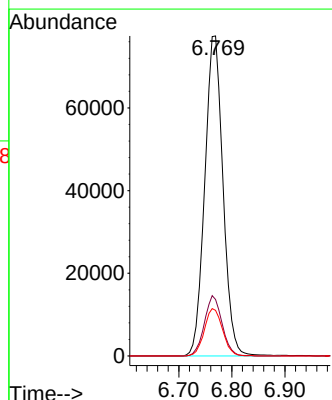
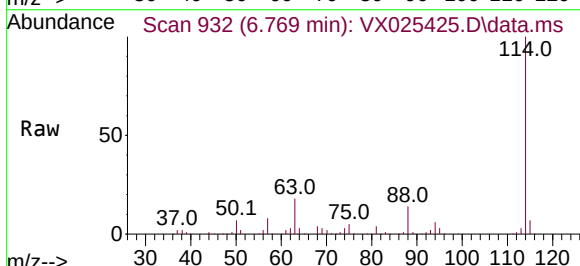
Tgt Ion: 114 Resp: 184893

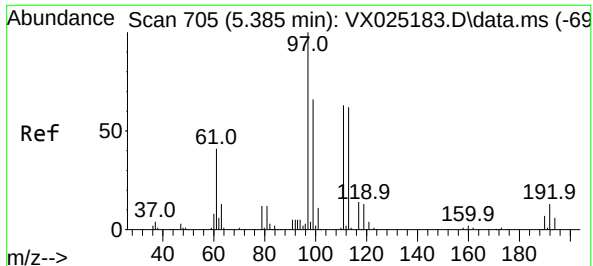
Ion Ratio Lower Upper

114 100

63 17.6 0.0 41.0

88 14.3 0.0 34.8





#35

Dibromofluoromethane

Concen: 49.920 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX025425.D

Acq: 02 Dec 2021 13:56

Instrument :

MSVOA_X

ClientSampleId :

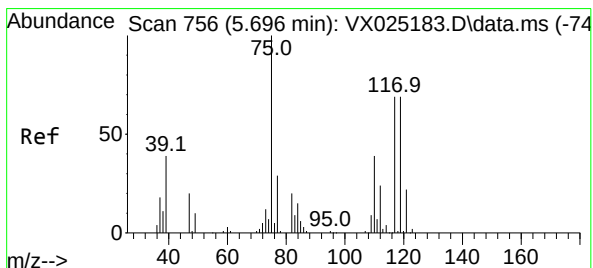
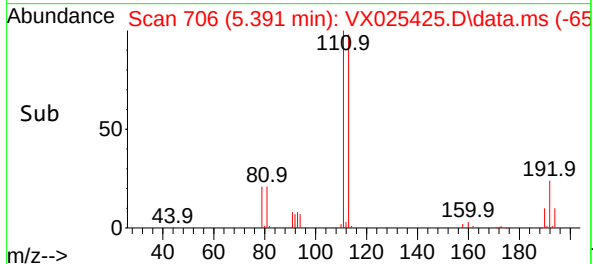
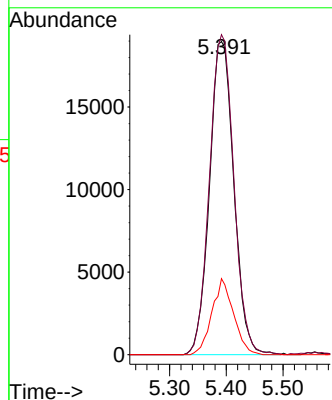
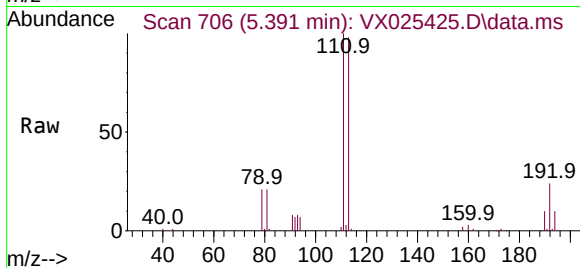
Tgt Ion:113 Resp: 56631

Ion Ratio Lower Upper

113 100

111 102.3 82.1 123.1

192 21.5 15.6 23.4



#36

1,1-Dichloropropene

Concen: 4.615 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX025425.D

Acq: 02 Dec 2021 13:56

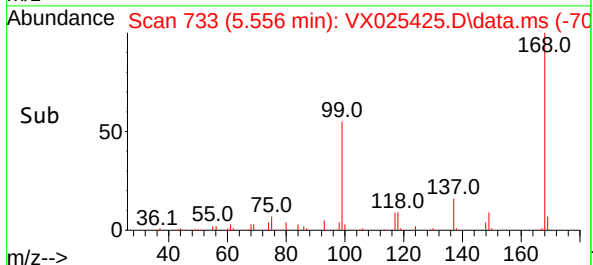
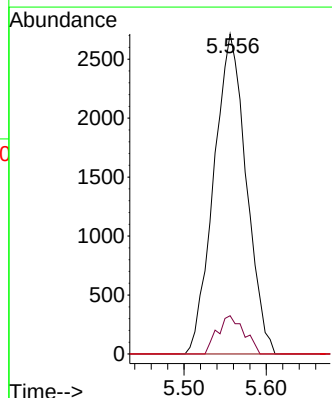
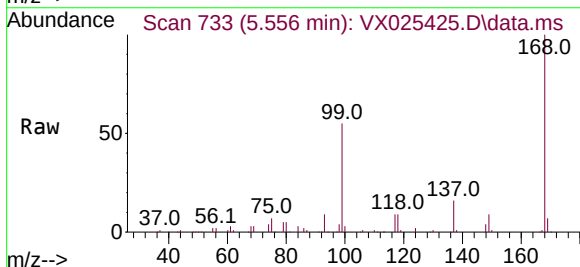
Tgt Ion: 75 Resp: 7444

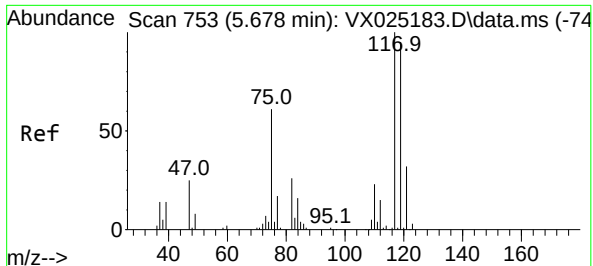
Ion Ratio Lower Upper

75 100

110 9.8 18.1 54.3#

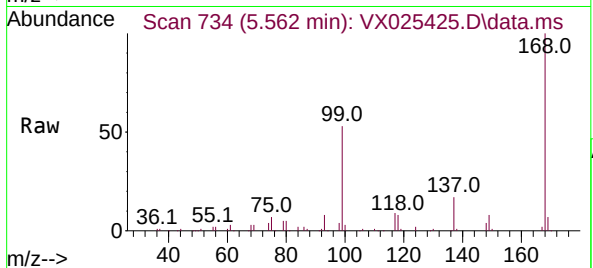
77 0.0 24.4 36.6#



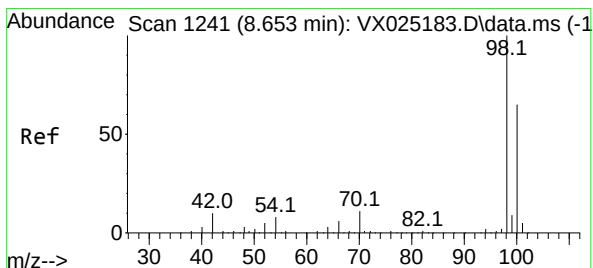
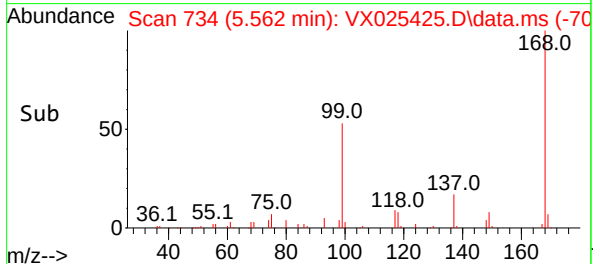
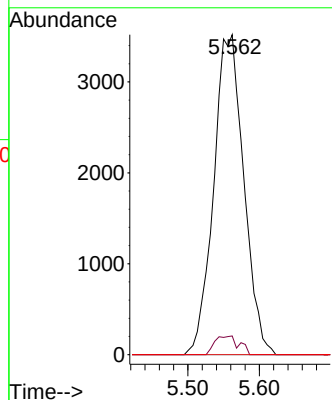


#38
Carbon Tetrachloride
Concen: 5.797 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX025425.D
Acq: 02 Dec 2021 13:56

Instrument :
MSVOA_X
ClientSampleId :

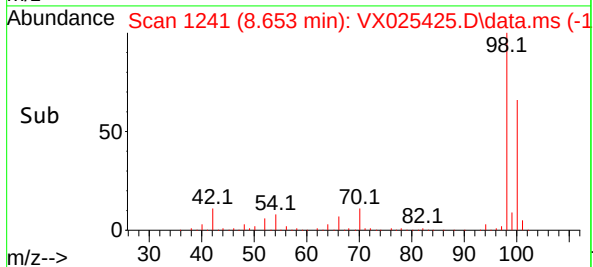
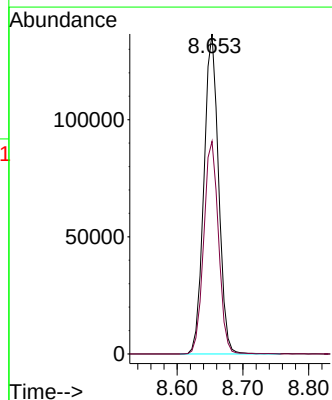
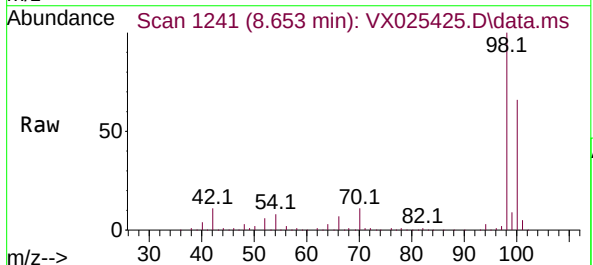


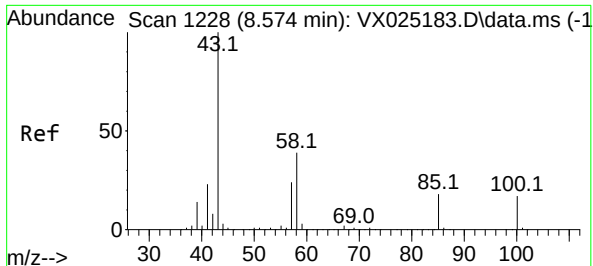
Tgt Ion:117 Resp: 10300
Ion Ratio Lower Upper
117 100
119 5.8 75.6 113.4#
121 0.0 23.7 35.5#



#50
Toluene-d8
Concen: 49.545 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025425.D
Acq: 02 Dec 2021 13:56

Tgt Ion: 98 Resp: 211325
Ion Ratio Lower Upper
98 100
100 66.8 51.4 77.0

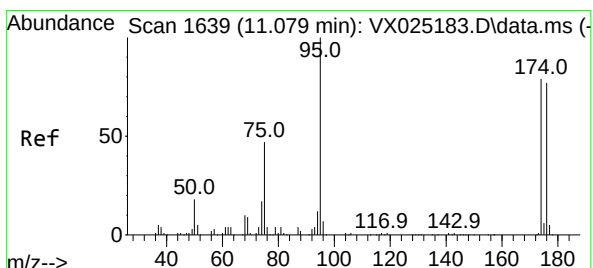
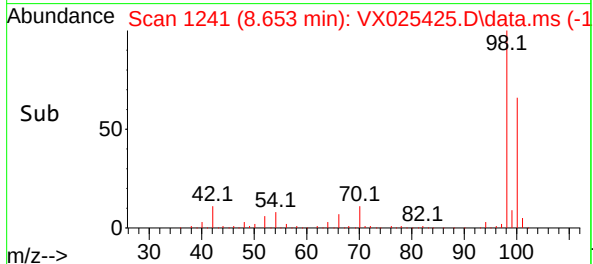
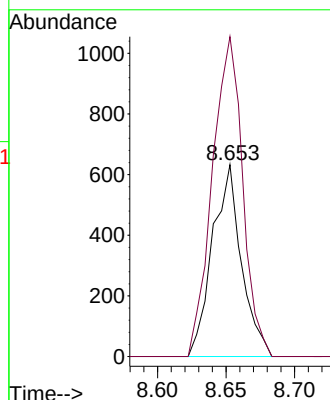
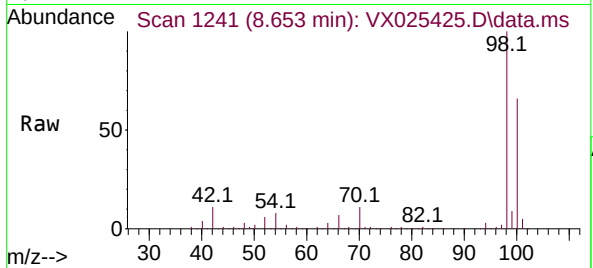




#51
4-Methyl-2-Pentanone
Concen: 0.485 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX025425.D
Acq: 02 Dec 2021 13:56

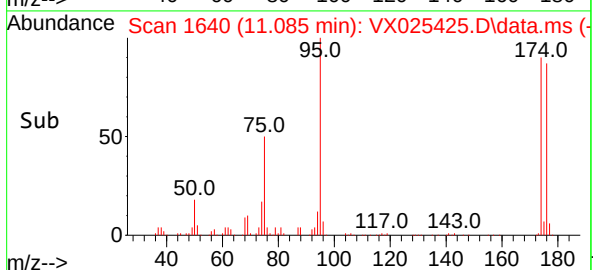
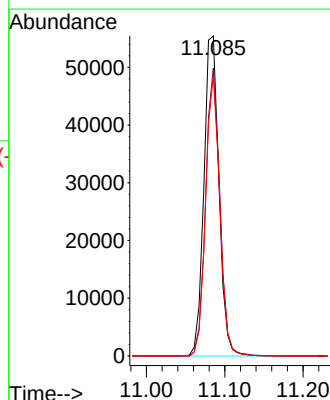
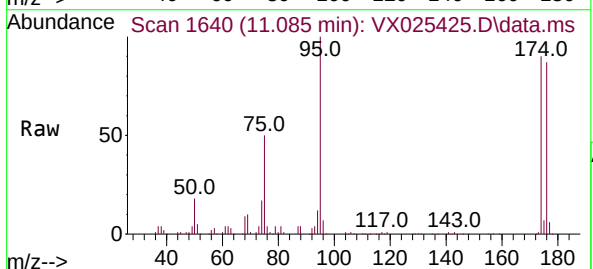
Instrument :
MSVOA_X
ClientSampleId :

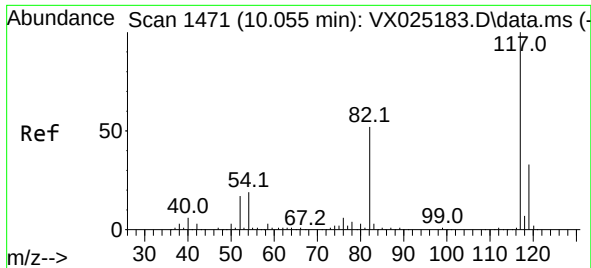
Tgt Ion: 43 Resp: 929
Ion Ratio Lower Upper
43 100
58 174.9 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 45.680 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX025425.D
Acq: 02 Dec 2021 13:56

Tgt Ion: 95 Resp: 73710
Ion Ratio Lower Upper
95 100
174 85.1 0.0 158.0
176 82.7 0.0 153.6

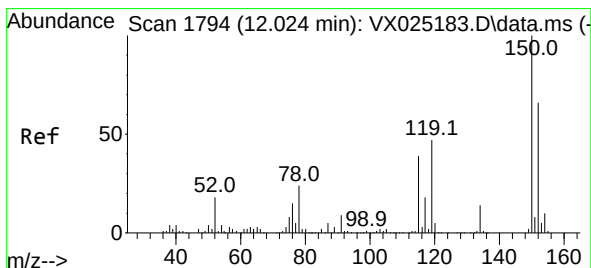
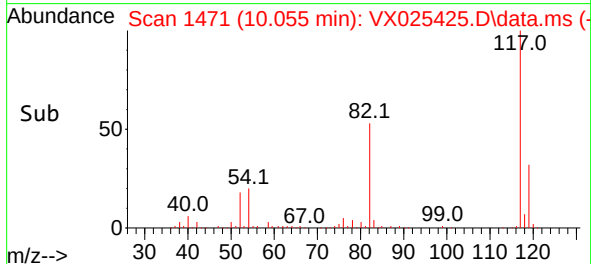
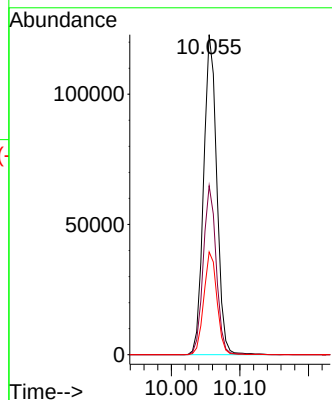
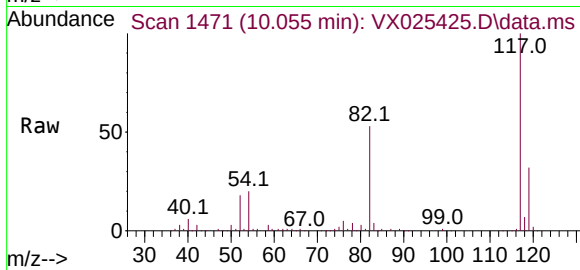




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025425.D
Acq: 02 Dec 2021 13:56

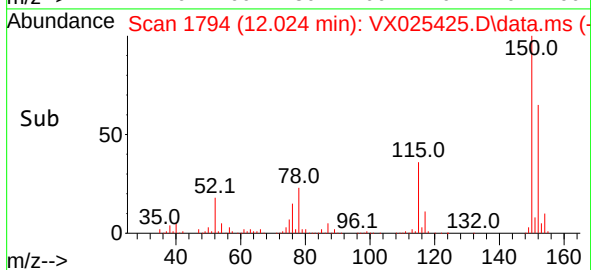
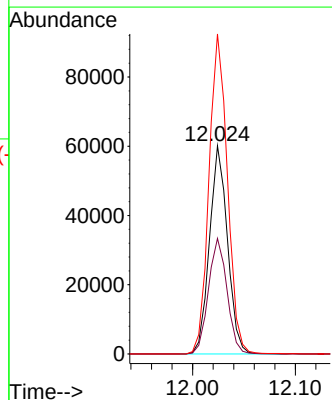
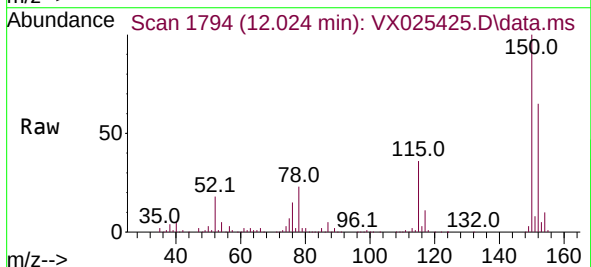
Instrument :
MSVOA_X
ClientSampleId :

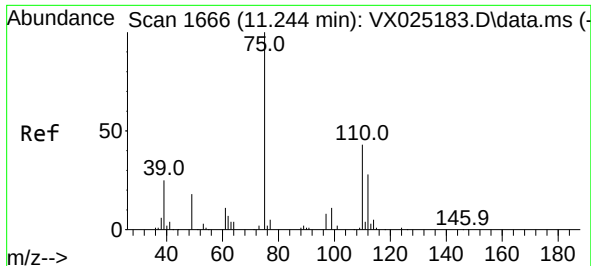
Tgt Ion:117 Resp: 164705
Ion Ratio Lower Upper
117 100
82 52.8 44.6 67.0
119 32.1 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025425.D
Acq: 02 Dec 2021 13:56

Tgt Ion:152 Resp: 73323
Ion Ratio Lower Upper
152 100
115 57.1 43.3 129.8
150 156.8 0.0 351.2

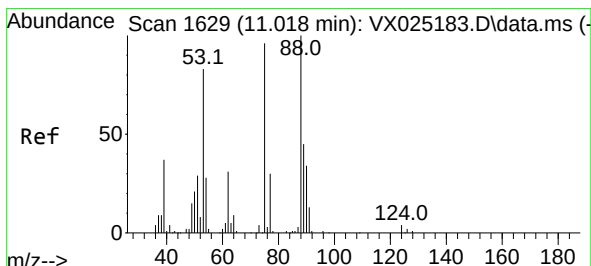
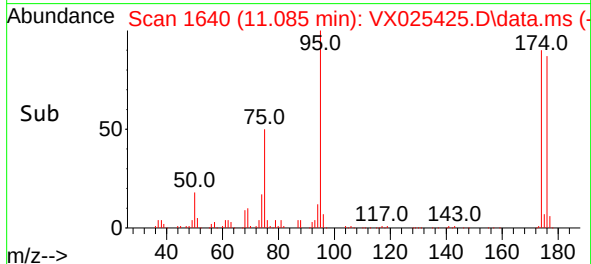
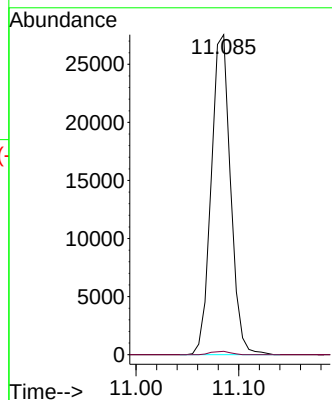
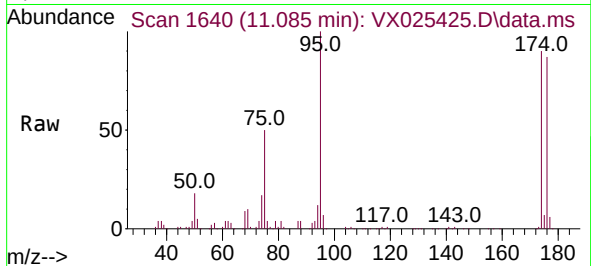




#76
1,2,3-Trichloropropane
Concen: 23.946 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX025425.D
Acq: 02 Dec 2021 13:56

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 35955
Ion Ratio Lower Upper
75 100
77 1.0 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.324 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX025425.D
Acq: 02 Dec 2021 13:56

Tgt Ion: 75 Resp: 35955
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#

