

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112321\
 Data File : VX025285.D
 Acq On : 23 Nov 2021 19:25
 Operator : JC/MD
 Sample : M4809-05 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 24 03:15:23 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)

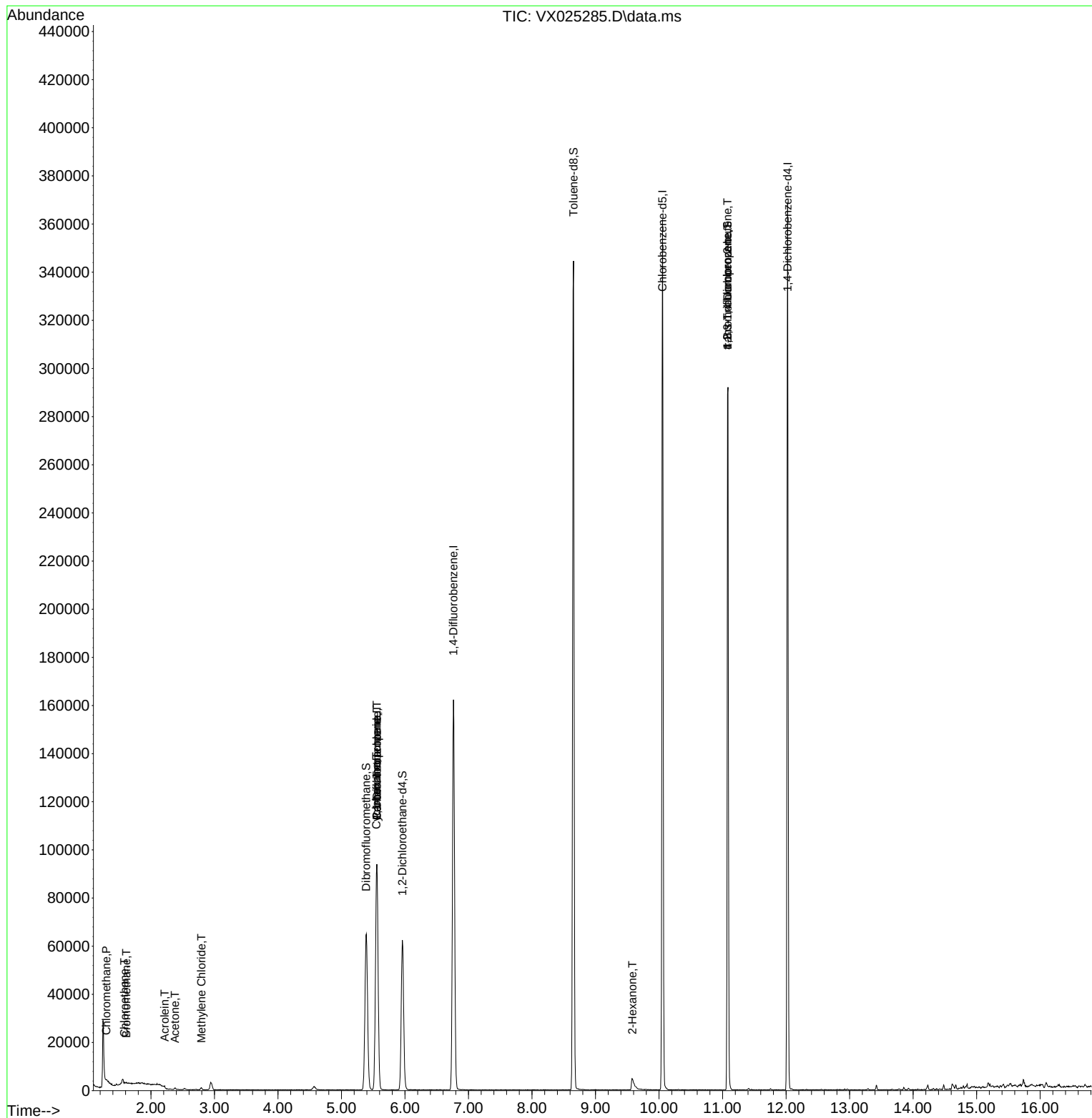
Internal Standards						
1) Pentafluorobenzene	5.556	168	98625	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	175893	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	169732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79634	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	57774	55.575	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.140%
35) Dibromofluoromethane	5.385	113	56702	52.540	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.080%
50) Toluene-d8	8.653	98	206378	50.860	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.720%
62) 4-Bromofluorobenzene	11.079	95	79311	51.666	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.340%
Target Compounds						Qvalue
3) Chloromethane	1.294	50	270	0.255	ug/l #	42
5) Bromomethane	1.611	94	149	0.298	ug/l	88
6) Chloroethane	1.581	64	1695	2.114	ug/l #	66
11) Tert butyl alcohol	2.941	59	1991	Below Cal	#	72
13) Acrolein	2.215	56	55	1.155	ug/l #	65
16) Acetone	2.380	43	792	1.371	ug/l #	66
20) Methylene Chloride	2.794	84	476	0.438	ug/l #	83
31) Cyclohexane	5.550	56	1681	1.046	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	6464	4.212	ug/l #	48
38) Carbon Tetrachloride	5.556	117	8970	5.307	ug/l #	17
59) 2-Hexanone	9.580	43	2264	1.576	ug/l #	25
76) 1,2,3-Trichloropropane	11.079	75	38047	23.331	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	38047	58.775	ug/l #	9
95) Naphthalene	13.786	128	413	Below Cal	#	79

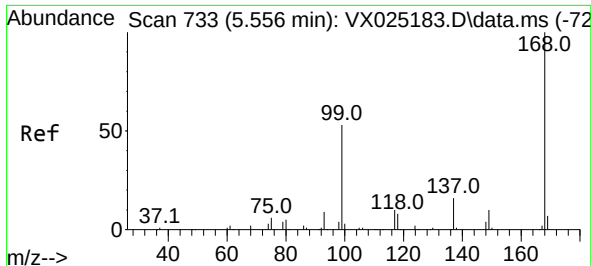
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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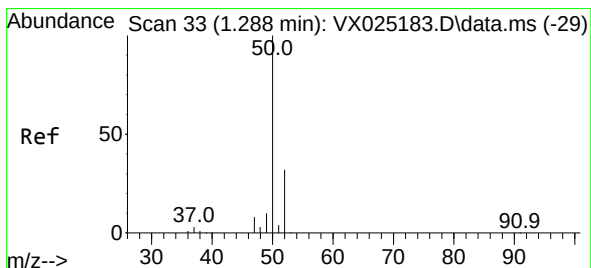
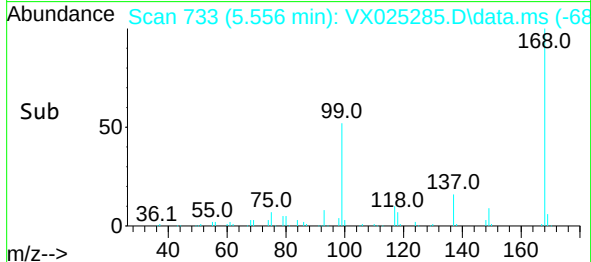
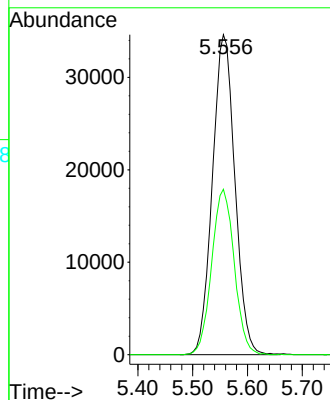
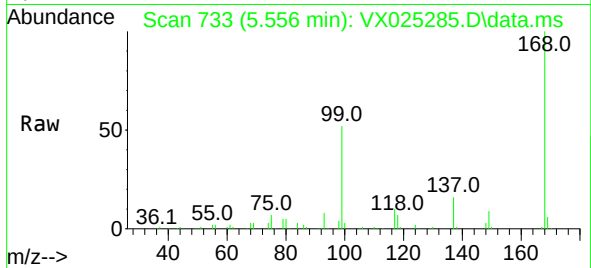




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025285.D
Acq: 23 Nov 2021 19:25

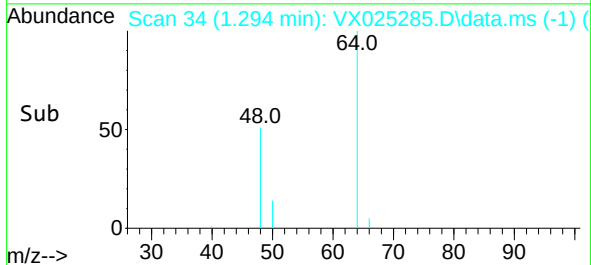
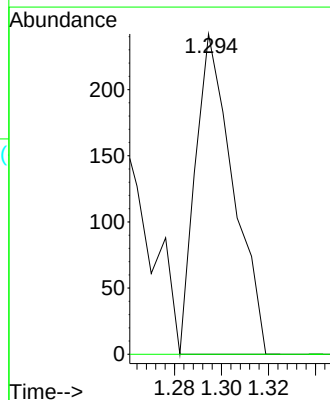
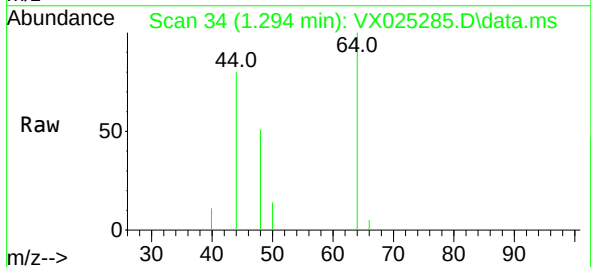
Instrument :
MSVOA_X
ClientSampleId :

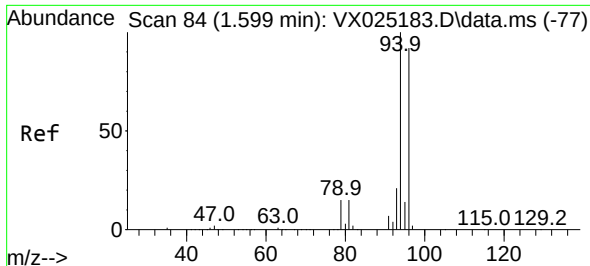
Tgt Ion:168 Resp: 98625
Ion Ratio Lower Upper
168 100
99 51.7 46.4 69.6



#3
Chloromethane
Concen: 0.255 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX025285.D
Acq: 23 Nov 2021 19:25

Tgt Ion: 50 Resp: 270
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

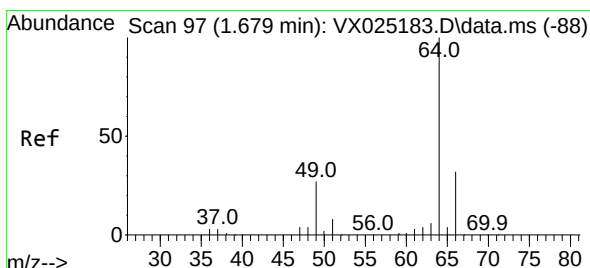
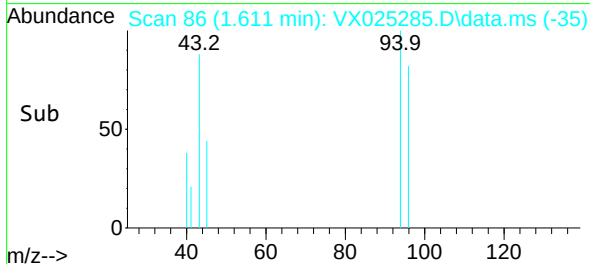
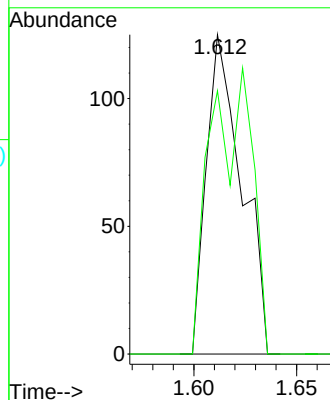
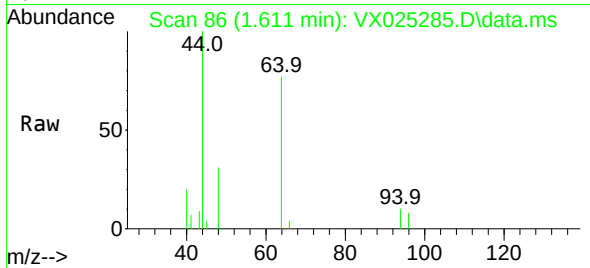




#5
Bromomethane
Concen: 0.298 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX025285.D
Acq: 23 Nov 2021 19:25

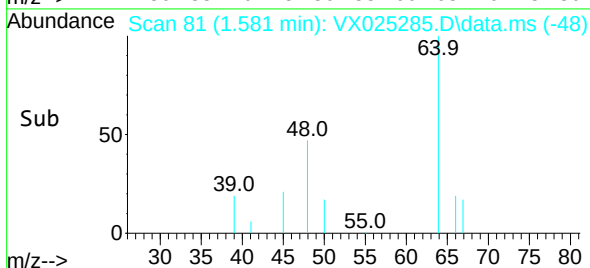
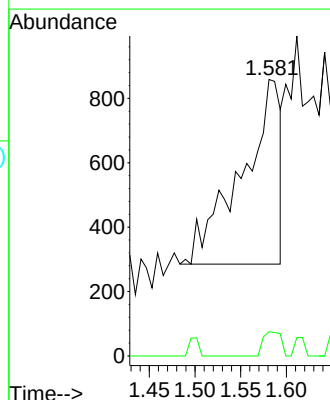
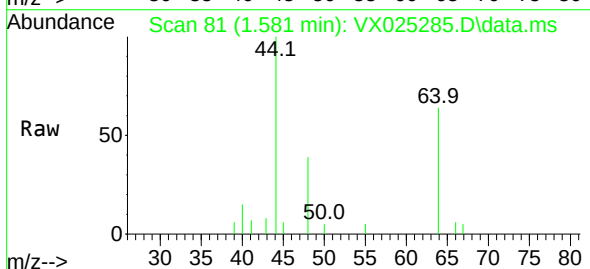
Instrument :
MSVOA_X
ClientSampleId :

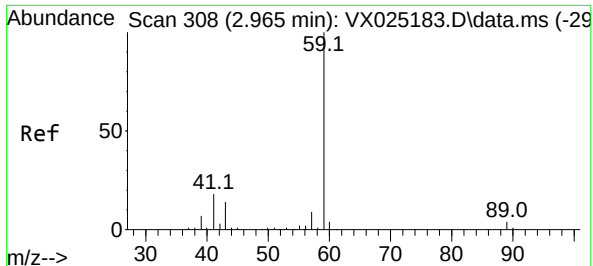
Tgt Ion: 94 Resp: 149
Ion Ratio Lower Upper
94 100
96 82.4 74.8 112.2



#6
Chloroethane
Concen: 2.114 ug/l
RT: 1.581 min Scan# 81
Delta R.T. -0.098 min
Lab File: VX025285.D
Acq: 23 Nov 2021 19:25

Tgt Ion: 64 Resp: 1695
Ion Ratio Lower Upper
64 100
66 13.1 25.6 38.4#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.941 min Scan# 30

Delta R.T. -0.024 min

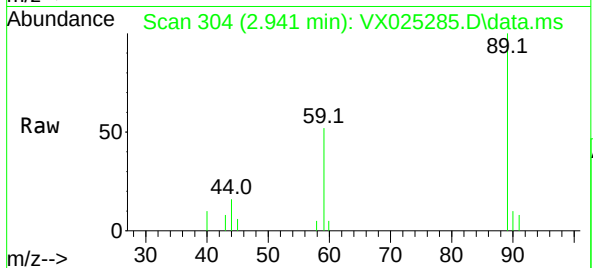
Lab File: VX025285.D

Acq: 23 Nov 2021 19:25

Instrument :

MSVOA_X

ClientSampleId :

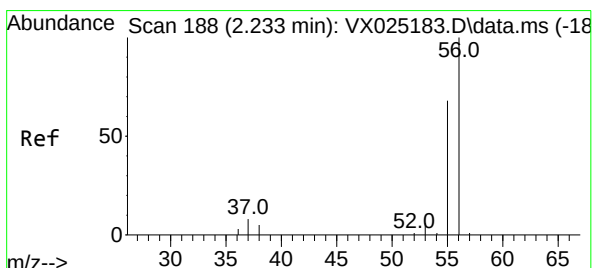
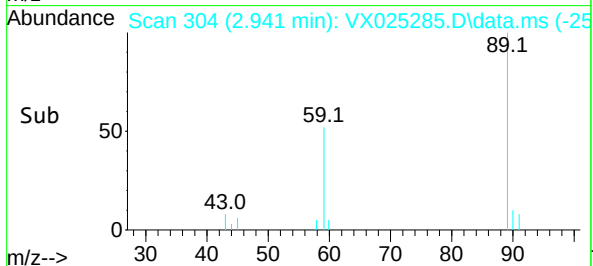
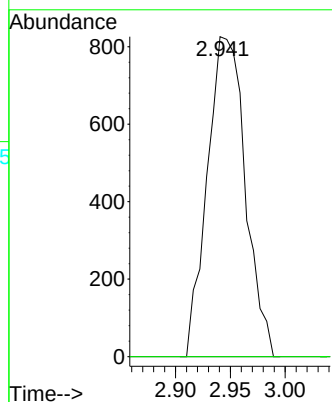


Tgt Ion: 59 Resp: 1991

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#13

Acrolein

Concen: 1.155 ug/l

RT: 2.215 min Scan# 185

Delta R.T. -0.018 min

Lab File: VX025285.D

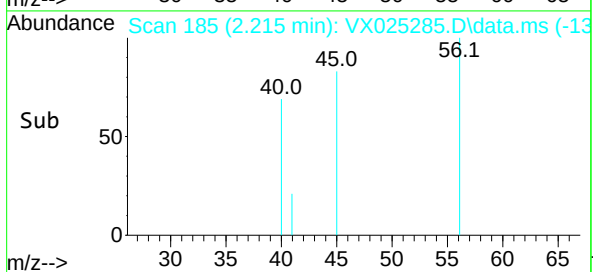
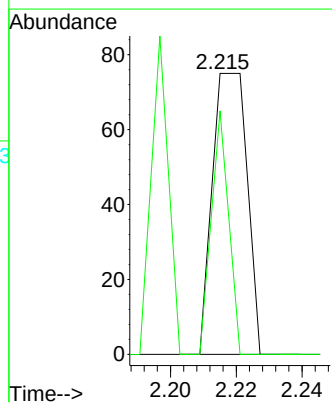
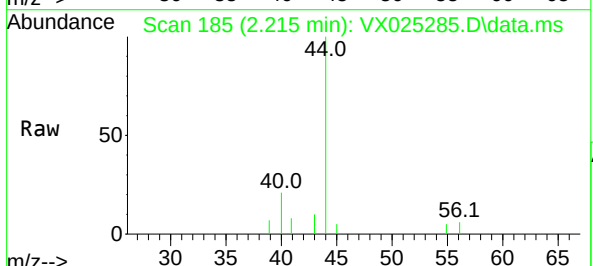
Acq: 23 Nov 2021 19:25

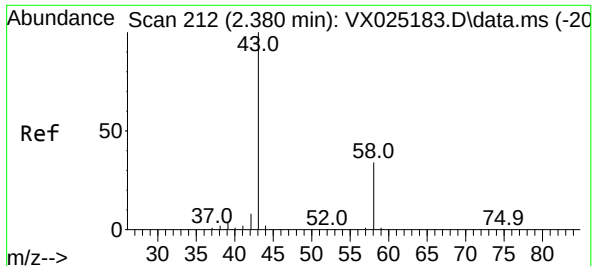
Tgt Ion: 56 Resp: 55

Ion Ratio Lower Upper

56 100

55 43.6 58.6 87.8#

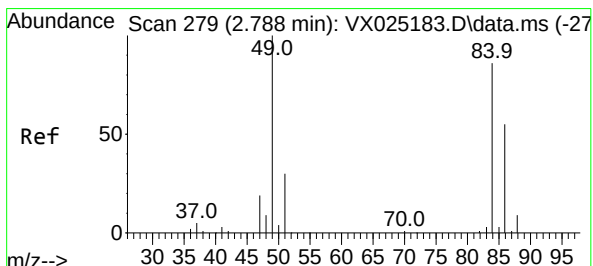
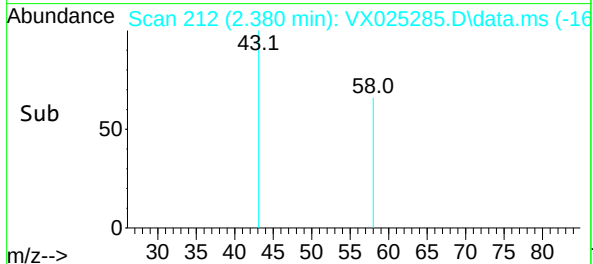
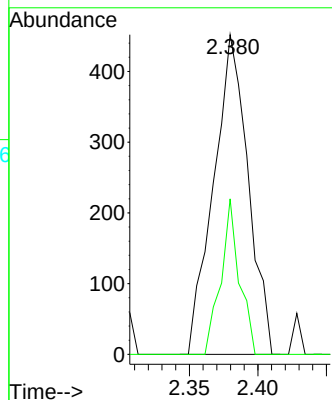
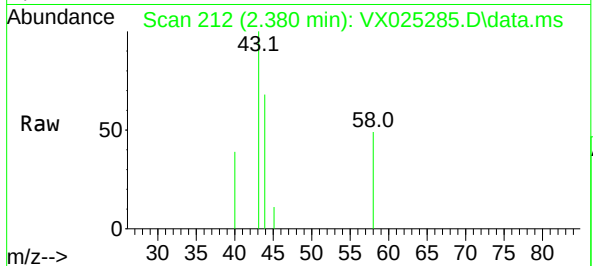




#16
Acetone
Concen: 1.371 ug/l
RT: 2.380 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX025285.D
Acq: 23 Nov 2021 19:25

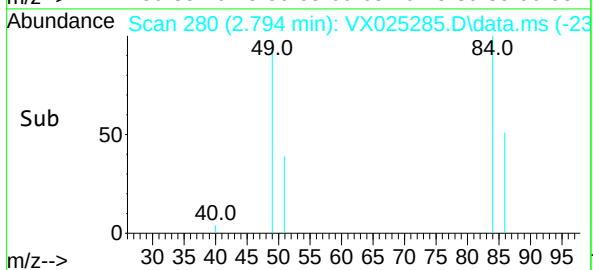
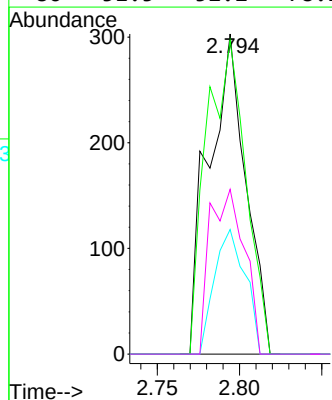
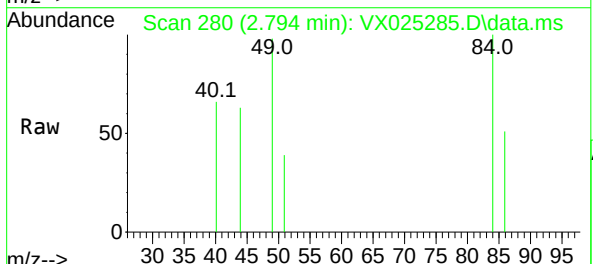
Instrument :
MSVOA_X
ClientSampleId :

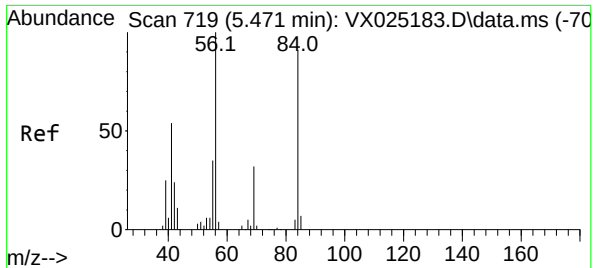
Tgt Ion: 43 Resp: 792
Ion Ratio Lower Upper
43 100
58 48.7 24.0 36.0#



#20
Methylene Chloride
Concen: 0.438 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX025285.D
Acq: 23 Nov 2021 19:25

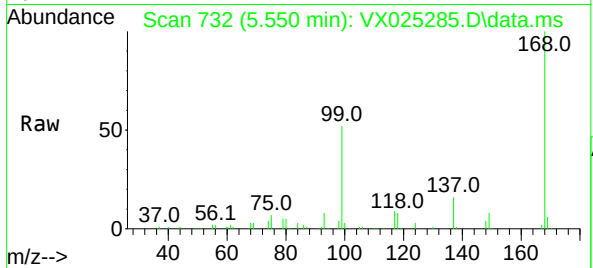
Tgt Ion: 84 Resp: 476
Ion Ratio Lower Upper
84 100
49 98.0 98.2 147.2#
51 38.9 30.2 45.4
86 51.5 52.2 78.2#



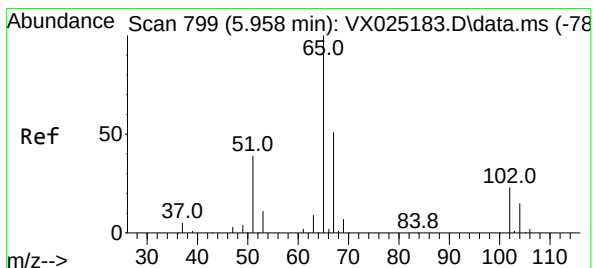
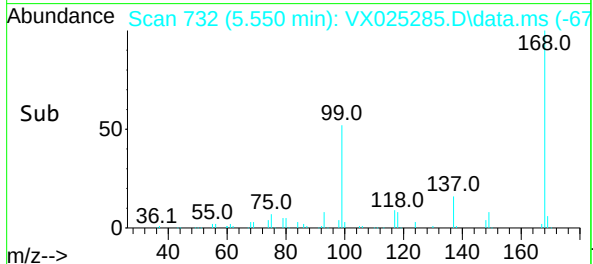
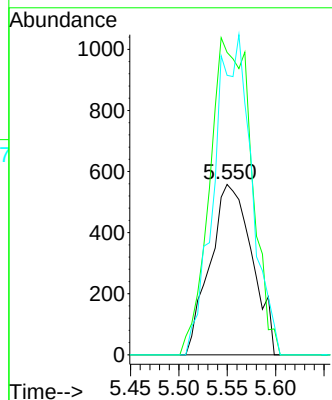


#31
Cyclohexane
Concen: 1.046 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX025285.D
Acq: 23 Nov 2021 19:25

Instrument :
MSVOA_X
ClientSampleId :

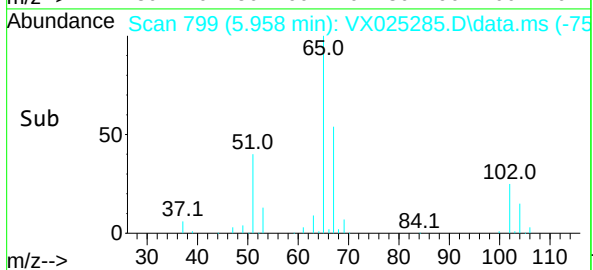
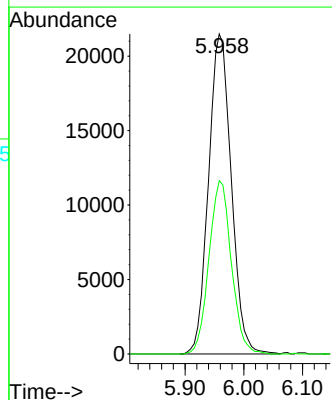
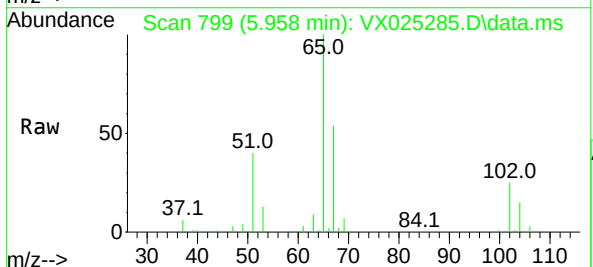


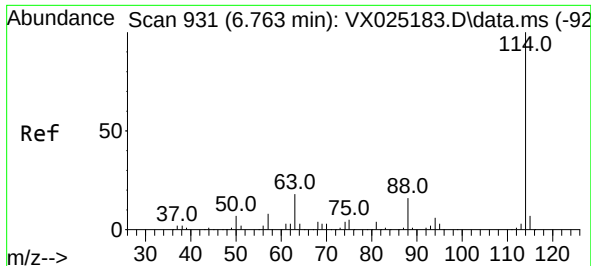
Tgt Ion: 56 Resp: 1681
Ion Ratio Lower Upper
56 100
69 177.4 24.2 36.2#
84 164.0 71.5 107.3#



#33
1,2-Dichloroethane-d4
Concen: 55.575 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025285.D
Acq: 23 Nov 2021 19:25

Tgt Ion: 65 Resp: 57774
Ion Ratio Lower Upper
65 100
67 53.3 0.0 101.0

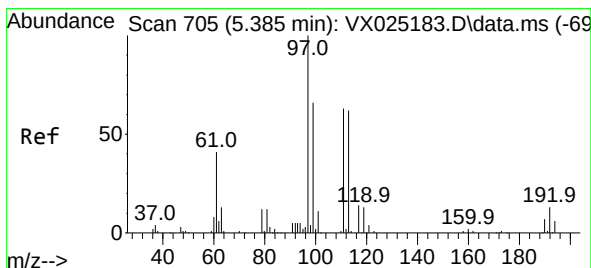
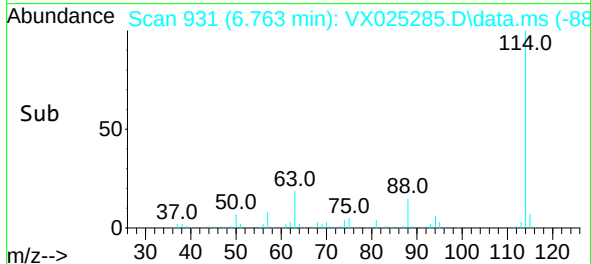
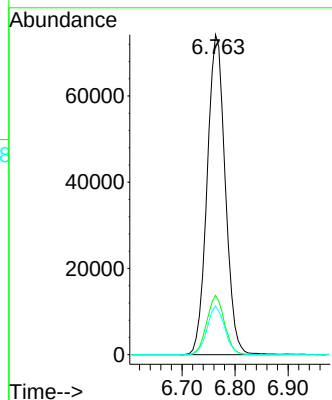
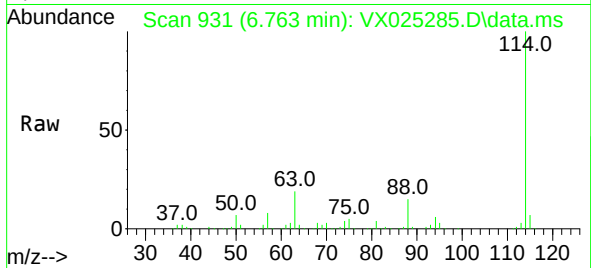




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX025285.D
Acq: 23 Nov 2021 19:25

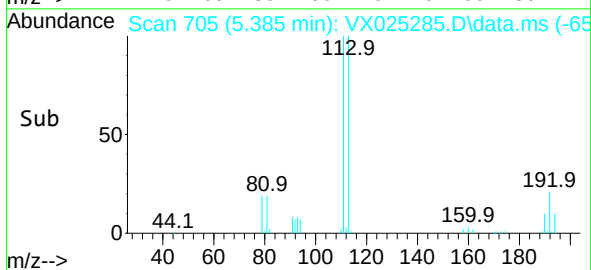
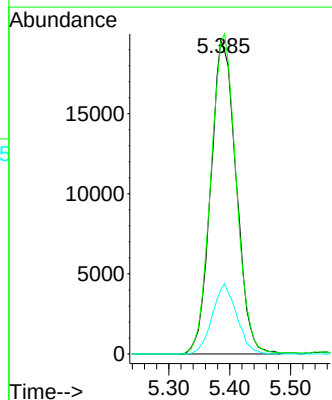
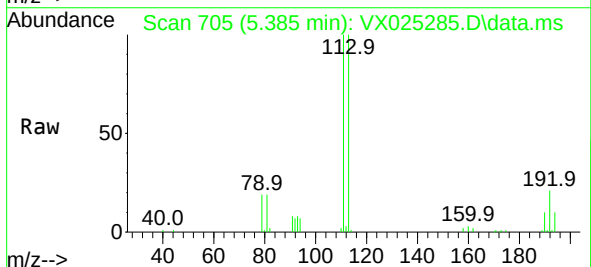
Instrument :
MSVOA_X
ClientSampleId :

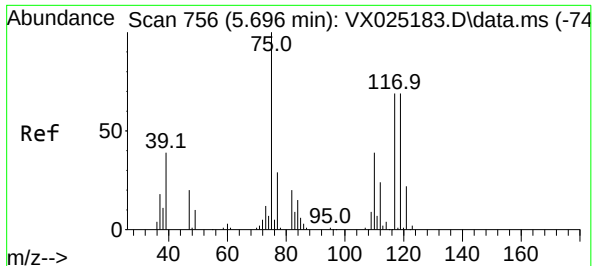
Tgt Ion:114 Resp: 175893
Ion Ratio Lower Upper
114 100
63 18.6 0.0 41.0
88 15.2 0.0 34.8



#35
Dibromofluoromethane
Concen: 52.540 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX025285.D
Acq: 23 Nov 2021 19:25

Tgt Ion:113 Resp: 56702
Ion Ratio Lower Upper
113 100
111 101.7 82.1 123.1
192 21.5 15.6 23.4





#36

1,1-Dichloropropene

Concen: 4.212 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX025285.D

Acq: 23 Nov 2021 19:25

Instrument :

MSVOA_X

ClientSampleId :

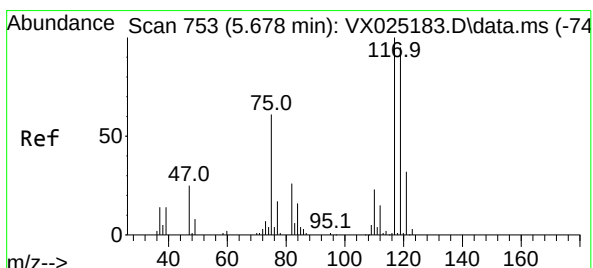
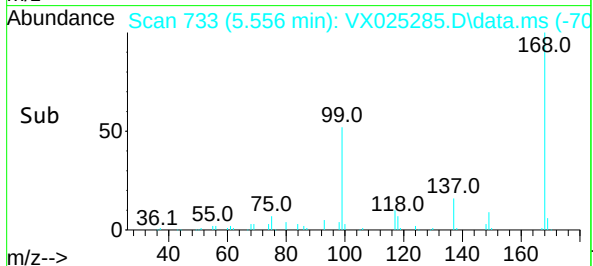
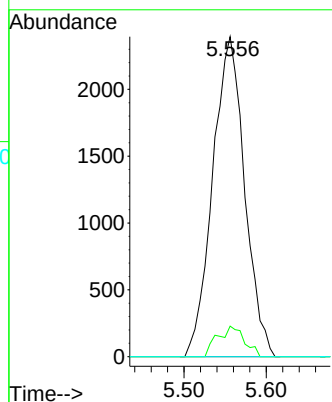
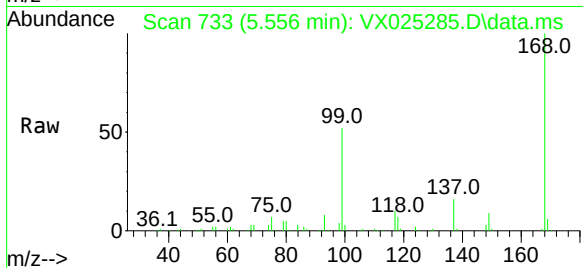
Tgt Ion: 75 Resp: 6464

Ion Ratio Lower Upper

75 100

110 8.0 18.1 54.3#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.307 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX025285.D

Acq: 23 Nov 2021 19:25

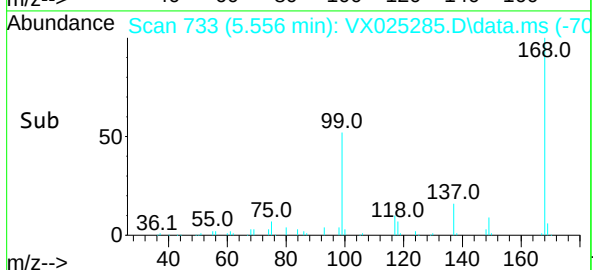
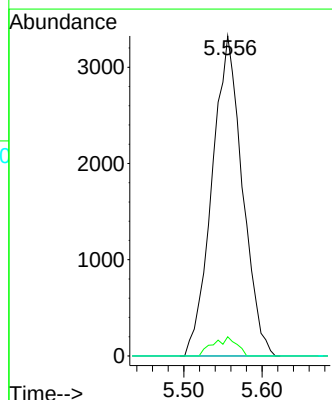
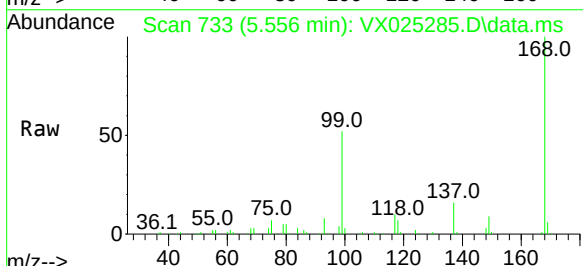
Tgt Ion: 117 Resp: 8970

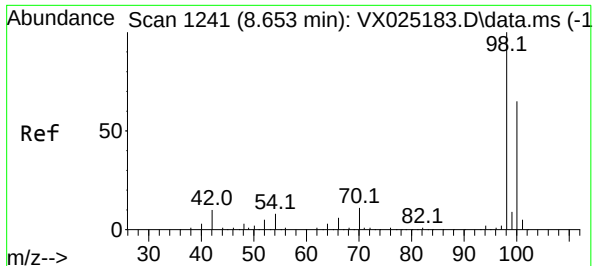
Ion Ratio Lower Upper

117 100

119 6.0 75.6 113.4#

121 0.0 23.7 35.5#

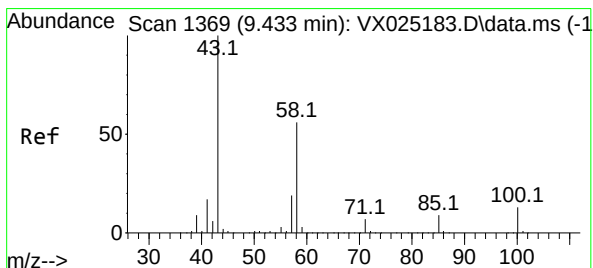
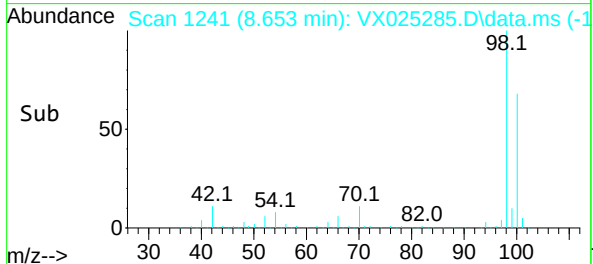
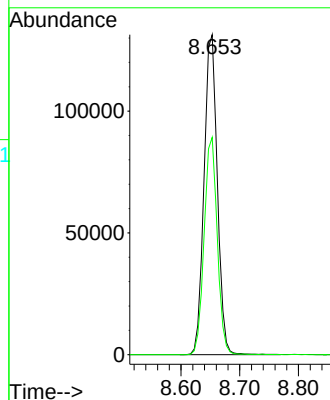
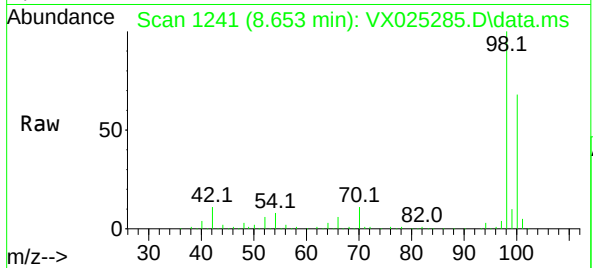




#50
Toluene-d8
Concen: 50.860 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025285.D
Acq: 23 Nov 2021 19:25

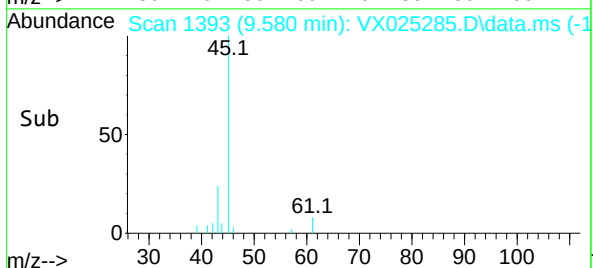
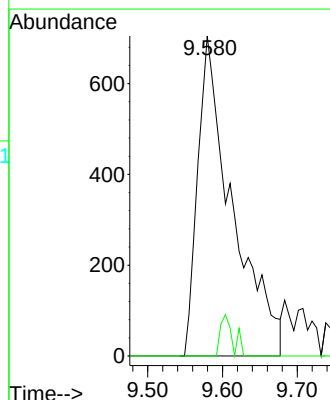
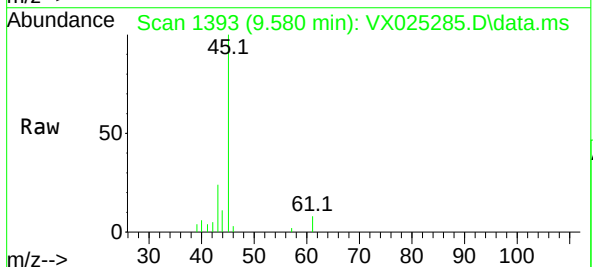
Instrument :
MSVOA_X
ClientSampleId :

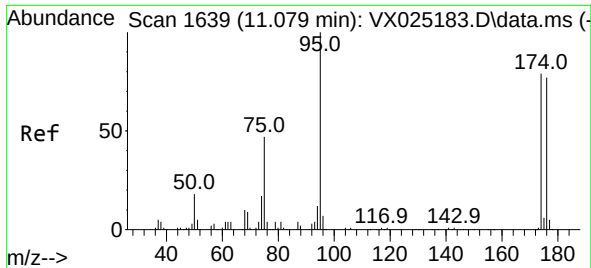
Tgt Ion: 98 Resp: 206378
Ion Ratio Lower Upper
98 100
100 67.1 51.4 77.0



#59
2-Hexanone
Concen: 1.576 ug/l
RT: 9.580 min Scan# 1393
Delta R.T. 0.147 min
Lab File: VX025285.D
Acq: 23 Nov 2021 19:25

Tgt Ion: 43 Resp: 2264
Ion Ratio Lower Upper
43 100
58 0.0 26.6 79.7#

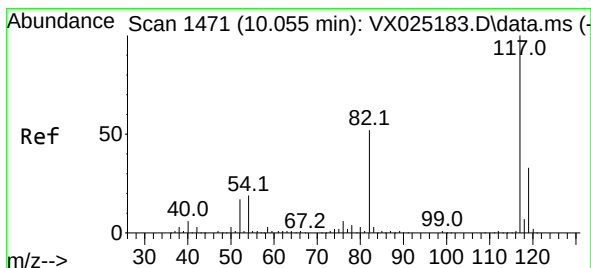
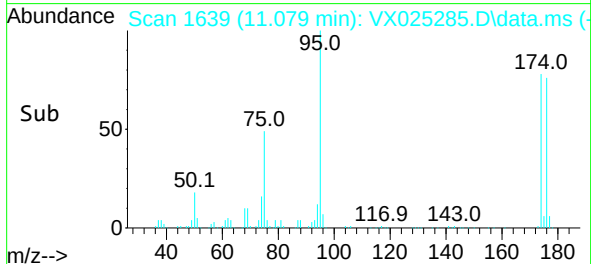
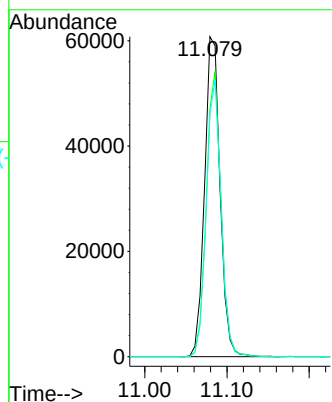
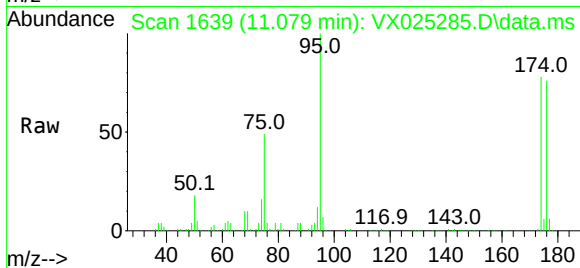




#62
4-Bromofluorobenzene
Concen: 51.666 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX025285.D
Acq: 23 Nov 2021 19:25

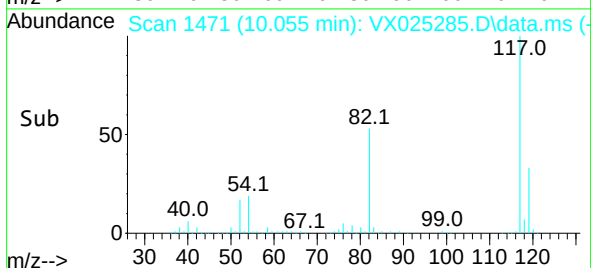
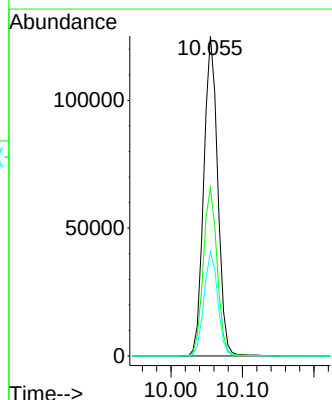
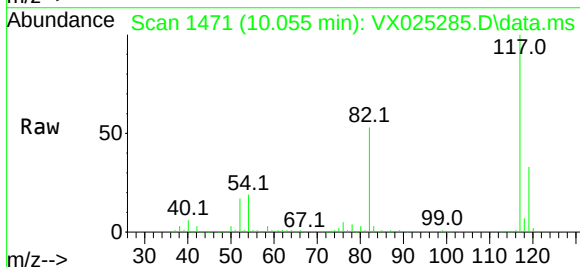
Instrument :
MSVOA_X
ClientSampleId :

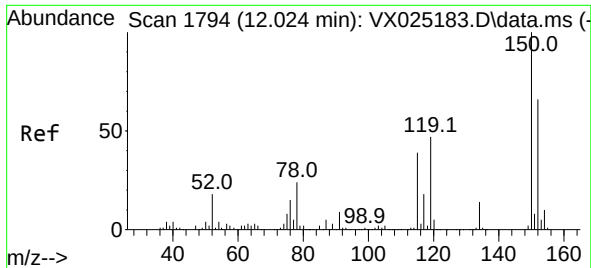
Tgt Ion: 95 Resp: 79311
Ion Ratio Lower Upper
95 100
174 85.5 0.0 158.0
176 82.8 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025285.D
Acq: 23 Nov 2021 19:25

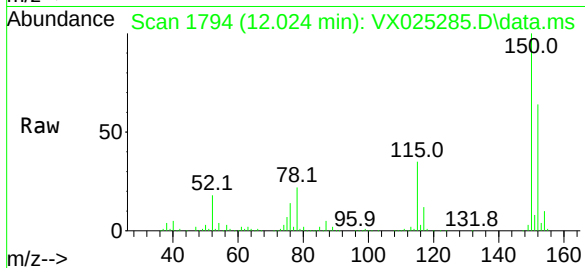
Tgt Ion: 117 Resp: 169732
Ion Ratio Lower Upper
117 100
82 52.7 44.6 67.0
119 32.6 24.8 37.2



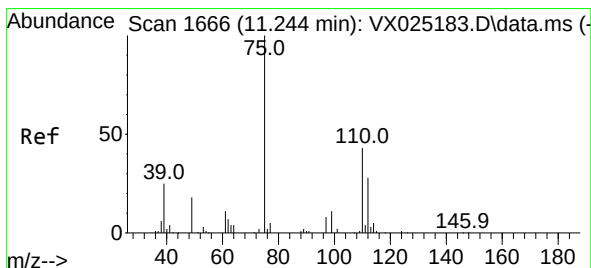
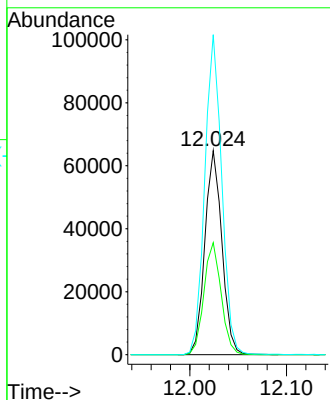
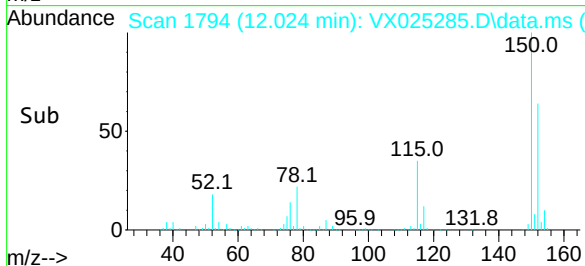


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX025285.D
Acq: 23 Nov 2021 19:25

Instrument :
MSVOA_X
ClientSampleId :

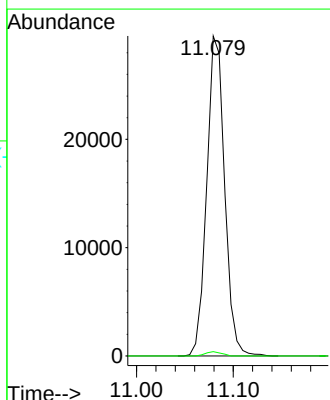
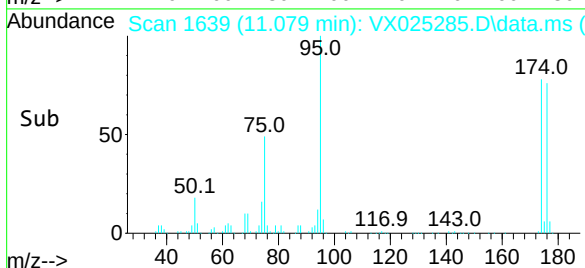
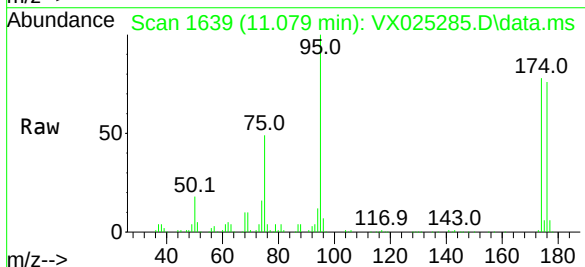


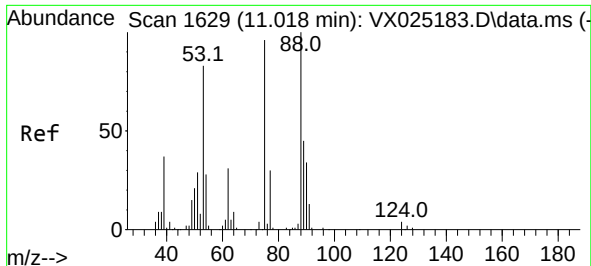
Tgt Ion:152 Resp: 79634
Ion Ratio Lower Upper
152 100
115 55.6 43.3 129.8
150 156.5 0.0 351.2



#76
1,2,3-Trichloropropane
Concen: 23.331 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025285.D
Acq: 23 Nov 2021 19:25

Tgt Ion: 75 Resp: 38047
Ion Ratio Lower Upper
75 100
77 1.2 20.0 59.9#

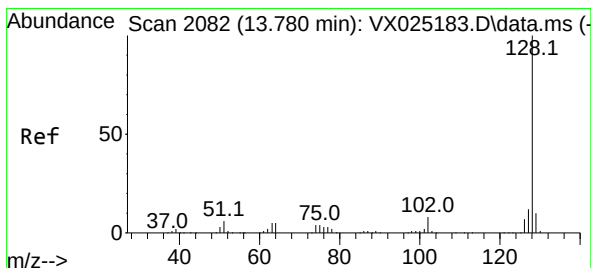
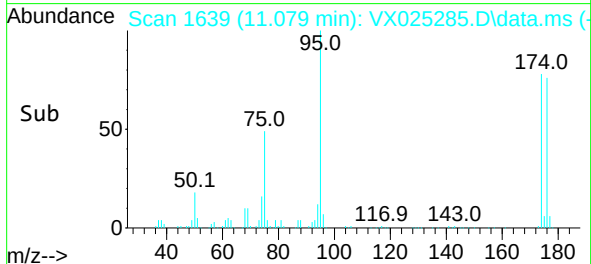
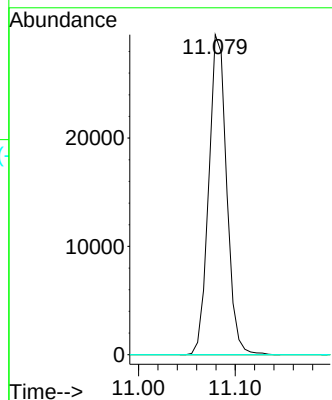
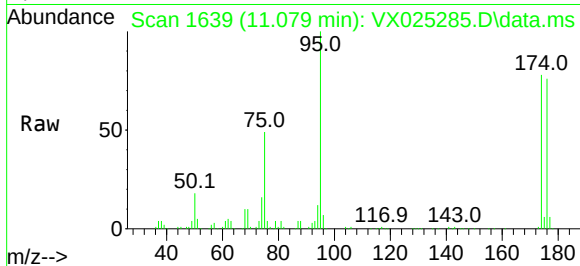




#81
trans-1,4-Dichloro-2-butene
Concen: 58.775 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX025285.D
Acq: 23 Nov 2021 19:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 38047
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: VX025285.D
Acq: 23 Nov 2021 19:25

Tgt Ion:128 Resp: 413
Ion Ratio Lower Upper
128 100
127 7.5 10.3 15.5#
129 0.0 8.8 13.2#

