

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
 Data File : VX025440.D
 Acq On : 02 Dec 2021 19:51
 Operator : JC/MD
 Sample : M4917-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 03 03:11:39 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)

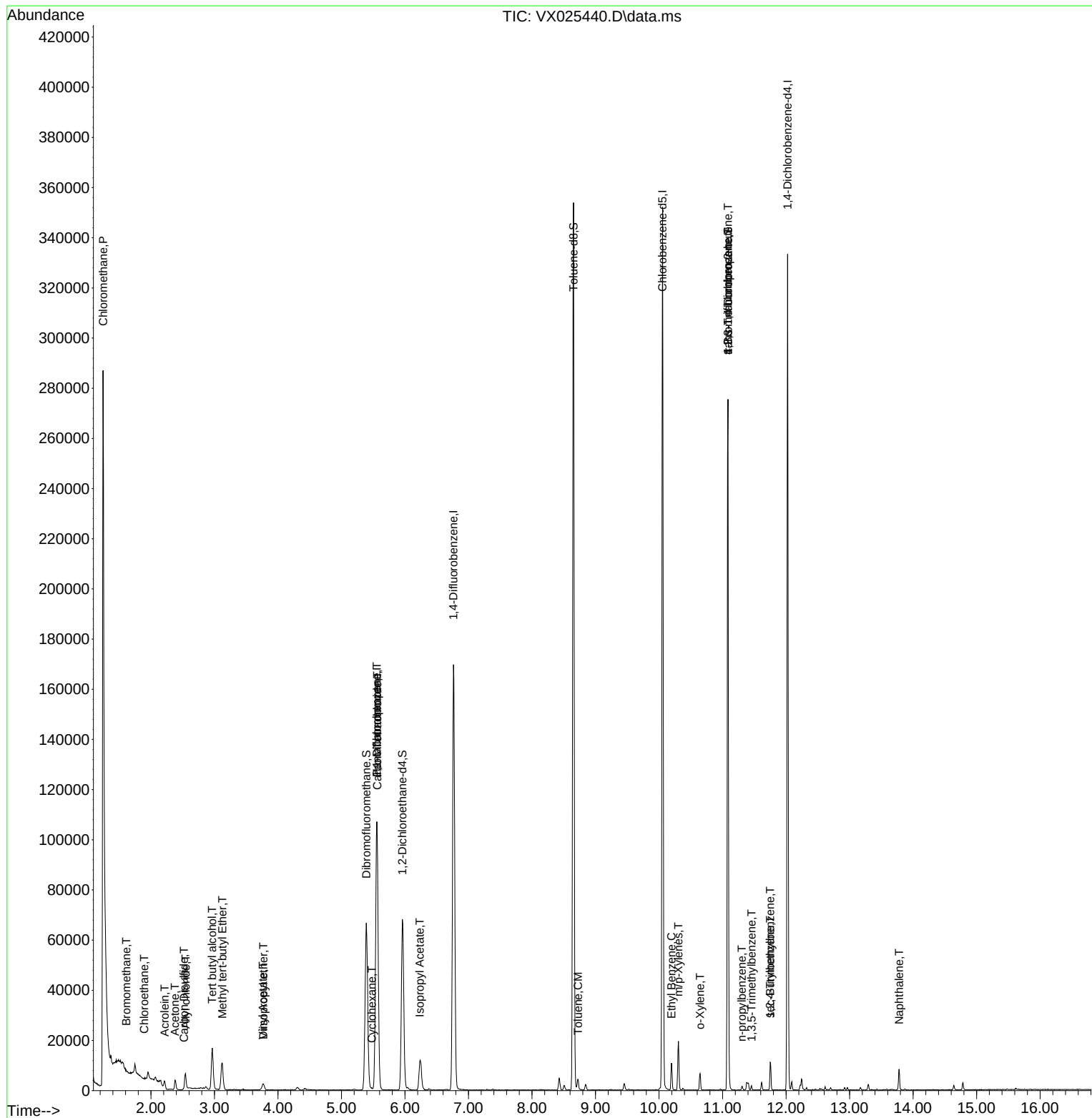
Internal Standards						
1) Pentafluorobenzene	5.556	168	109376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	184374	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	162797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70025	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62925	54.580	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.160%	
35) Dibromofluoromethane	5.391	113	56712	50.132	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.260%	
50) Toluene-d8	8.653	98	212097	49.866	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.740%	
62) 4-Bromofluorobenzene	11.085	95	72042	44.772	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.540%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.246	50	8865	7.551	ug/l #	42
5) Bromomethane	1.611	94	131	0.236	ug/l	82
6) Chloroethane	1.892	64	227	0.255	ug/l #	53
11) Tert butyl alcohol	2.965	59	19327	61.011	ug/l	99
13) Acrolein	2.215	56	53	1.003	ug/l #	1
14) Allyl chloride	2.544	41	606	0.330	ug/l #	66
16) Acetone	2.380	43	4151	6.480	ug/l	95
17) Carbon Disulfide	2.520	76	576	0.202	ug/l #	76
19) Methyl tert-butyl Ether	3.123	73	12429	3.519	ug/l	97
22) Diisopropyl ether	3.770	45	2592	0.742	ug/l #	81
23) Vinyl Acetate	3.763	43	1360	0.485	ug/l #	72
31) Cyclohexane	5.477	56	518	0.291	ug/l	92
36) 1,1-Dichloropropene	5.556	75	7258	4.512	ug/l #	50
38) Carbon Tetrachloride	5.562	117	10367	5.851	ug/l #	16
43) Isopropyl Acetate	6.233	43	3455	1.134	ug/l #	61
52) Toluene	8.726	92	1664	0.523	ug/l	89
67) Ethyl Benzene	10.195	91	6359	1.109	ug/l	93
68) m/p-Xylenes	10.305	106	4820	2.058	ug/l	95
69) o-Xylene	10.646	106	1644	0.717	ug/l	91
76) 1,2,3-Trichloropropane	11.085	75	34729	24.219	ug/l #	37
78) n-propylbenzene	11.305	91	1309	0.234	ug/l	89
80) 1,3,5-Trimethylbenzene	11.457	105	976	0.233	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.085	75	34729	61.011	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.750	105	5245	1.265	ug/l	91
85) sec-Butylbenzene	11.750	105	5245	1.012	ug/l #	56
95) Naphthalene	13.780	128	6008	0.903	ug/l	99

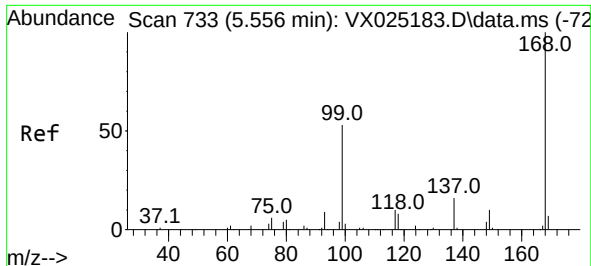
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
Data File : VX025440.D
Acq On : 02 Dec 2021 19:51
Operator : JC/MD
Sample : M4917-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

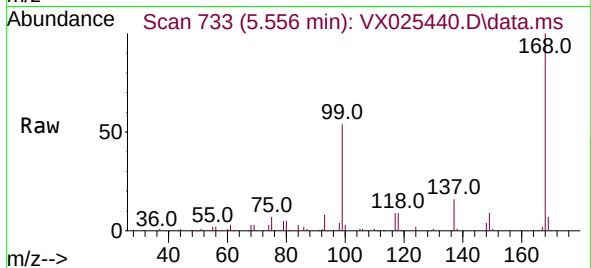
Quant Time: Dec 03 03:11:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
Response via : Initial Calibration



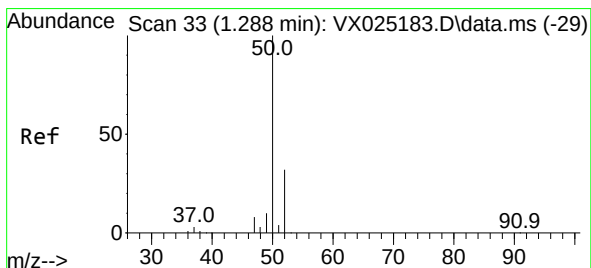
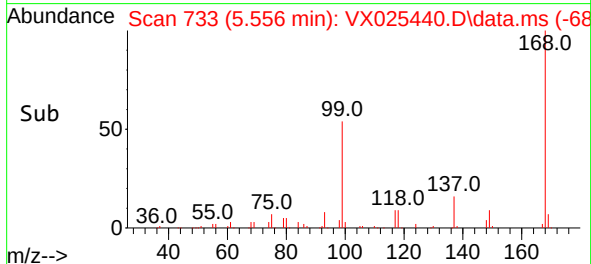
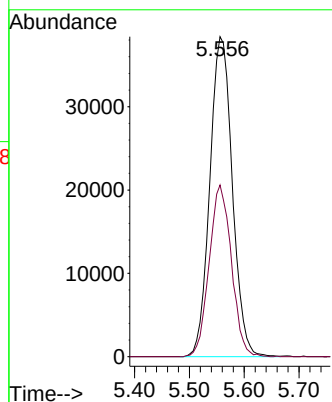


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025440.D
Acq: 02 Dec 2021 19:51

Instrument :
MSVOA_X
ClientSampleId :

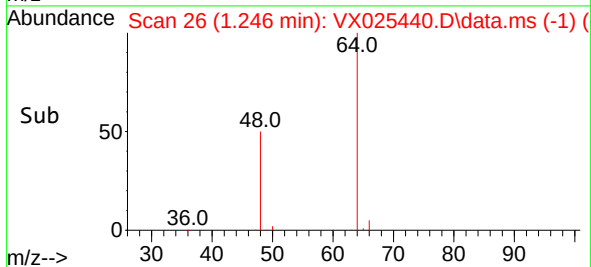
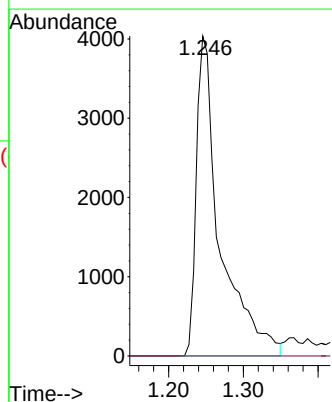
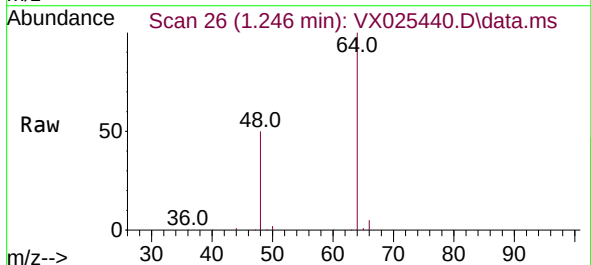


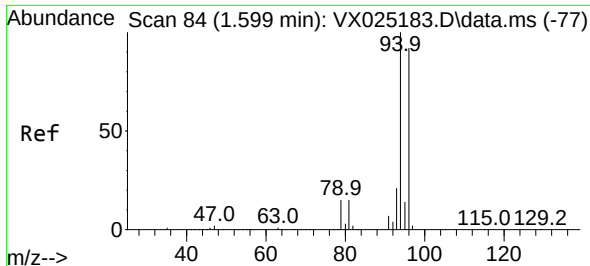
Tgt Ion:168 Resp: 109376
Ion Ratio Lower Upper
168 100
99 53.7 46.4 69.6



#3
Chloromethane
Concen: 7.551 ug/l
RT: 1.246 min Scan# 26
Delta R.T. -0.042 min
Lab File: VX025440.D
Acq: 02 Dec 2021 19:51

Tgt Ion: 50 Resp: 8865
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

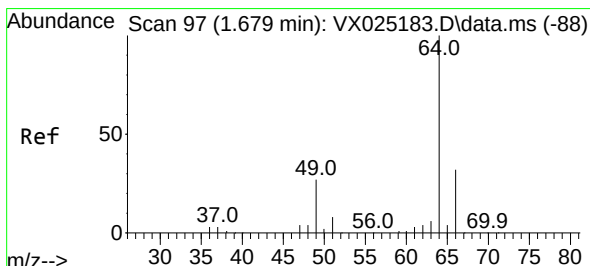
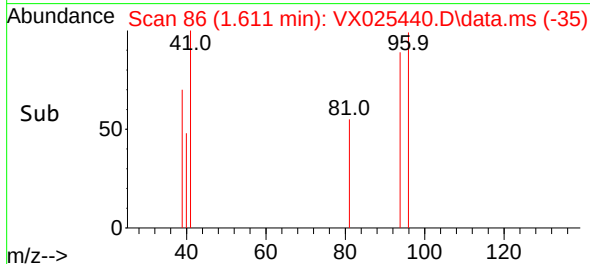
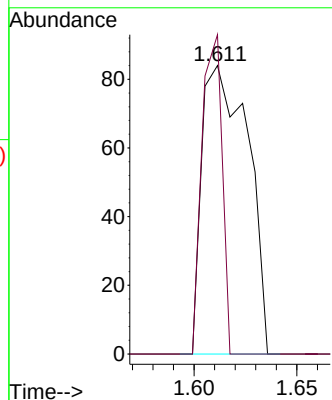
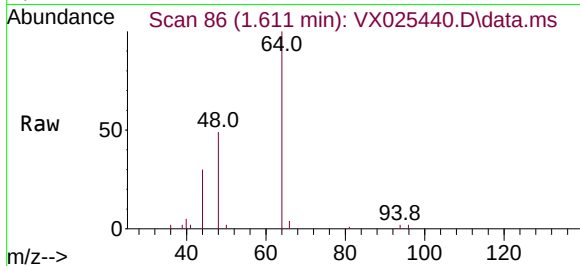




#5
Bromomethane
Concen: 0.236 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX025440.D
Acq: 02 Dec 2021 19:51

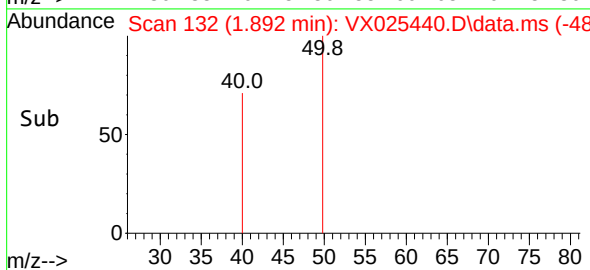
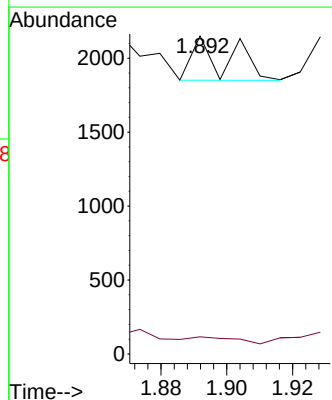
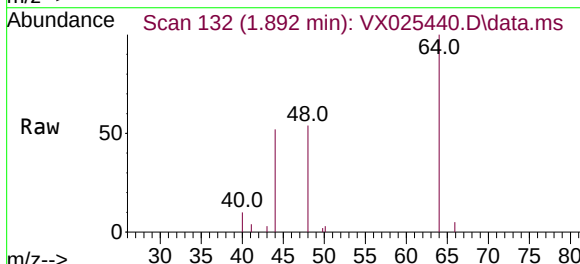
Instrument :
MSVOA_X
ClientSampleId :

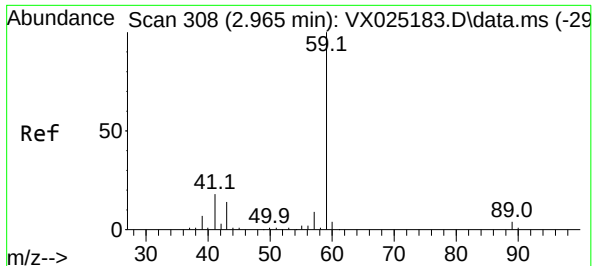
Tgt Ion: 94 Resp: 131
Ion Ratio Lower Upper
94 100
96 110.7 74.8 112.2



#6
Chloroethane
Concen: 0.255 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.213 min
Lab File: VX025440.D
Acq: 02 Dec 2021 19:51

Tgt Ion: 64 Resp: 227
Ion Ratio Lower Upper
64 100
66 6.0 25.6 38.4#

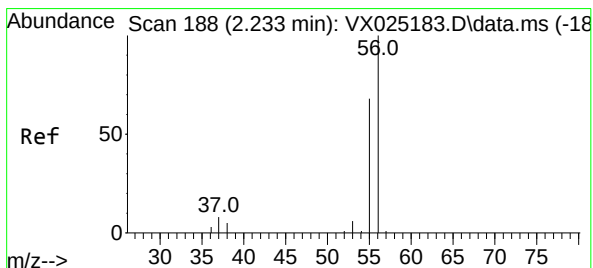
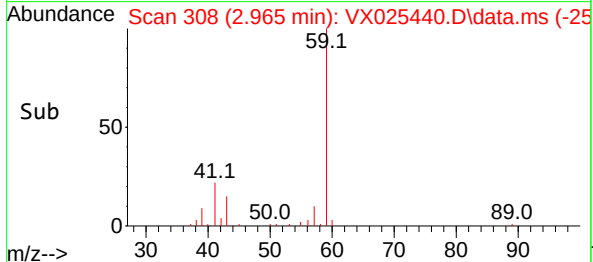
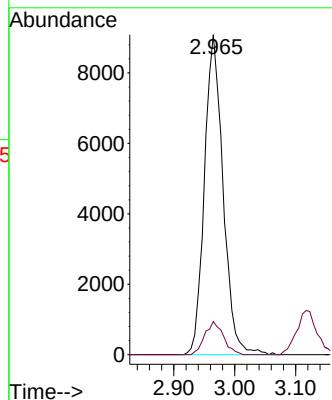
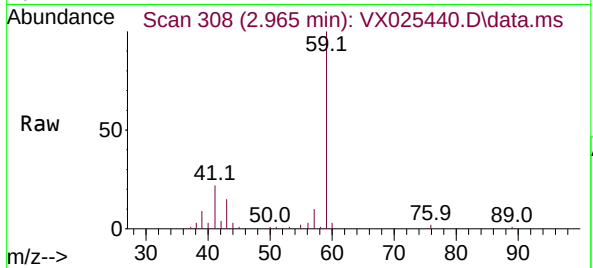




#11
Tert butyl alcohol
Concen: 61.011 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.000 min
Lab File: VX025440.D
Acq: 02 Dec 2021 19:51

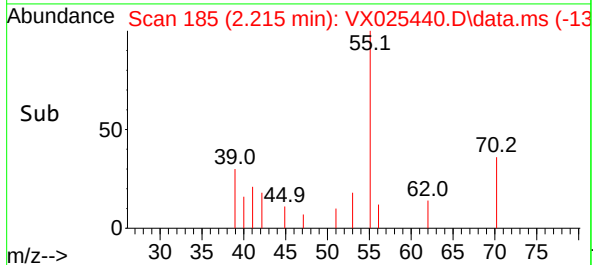
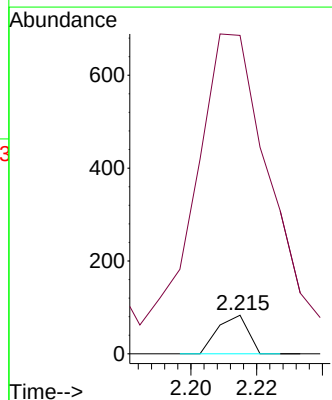
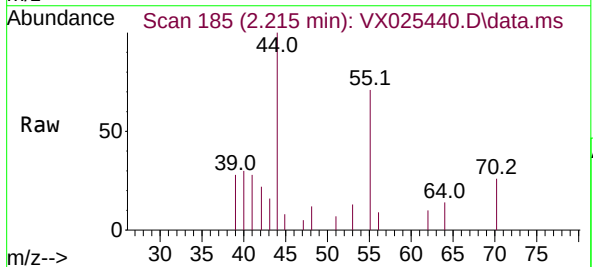
Instrument :
MSVOA_X
ClientSampleId :

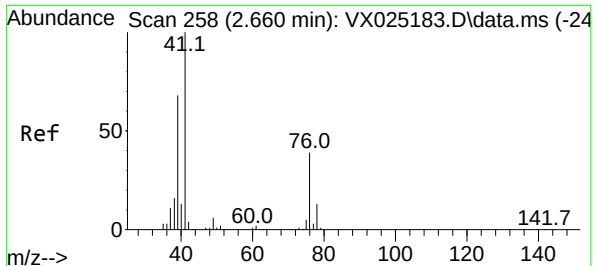
Tgt Ion: 59 Resp: 19327
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7



#13
Acrolein
Concen: 1.003 ug/l
RT: 2.215 min Scan# 185
Delta R.T. -0.018 min
Lab File: VX025440.D
Acq: 02 Dec 2021 19:51

Tgt Ion: 56 Resp: 53
Ion Ratio Lower Upper
56 100
55 2109.4 58.6 87.8#





#14

Allyl chloride

Concen: 0.330 ug/l

RT: 2.544 min Scan# 21

Delta R.T. -0.116 min

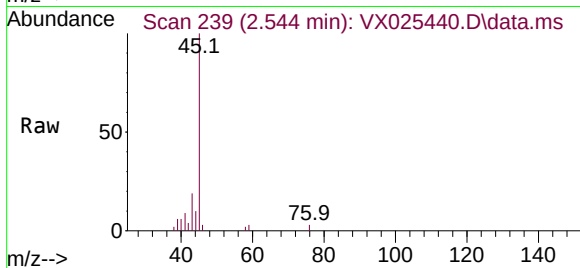
Lab File: VX025440.D

Acq: 02 Dec 2021 19:51

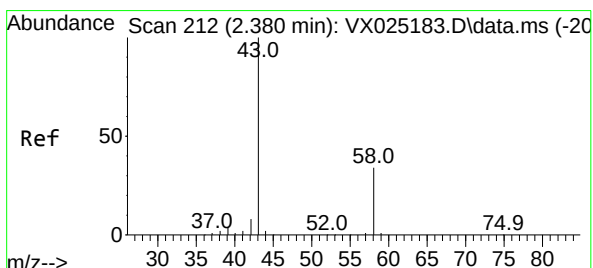
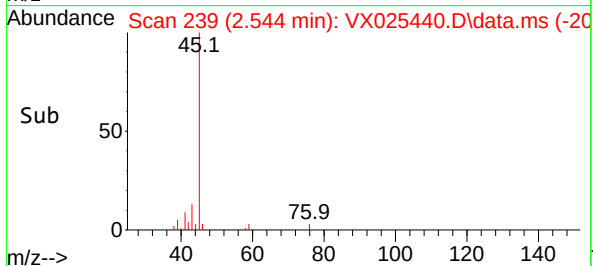
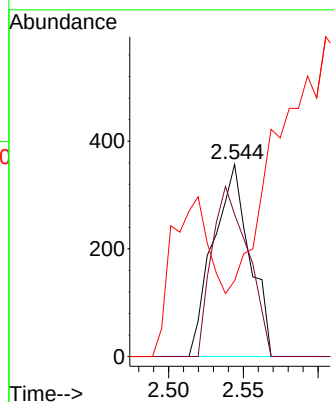
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	41	Resp:	606
Ion	Ratio	Lower	Upper
41	100		
39	87.6	54.6	82.0#
76	0.0	25.3	37.9#



#16

Acetone

Concen: 6.480 ug/l

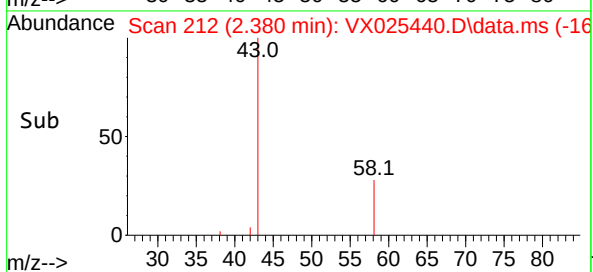
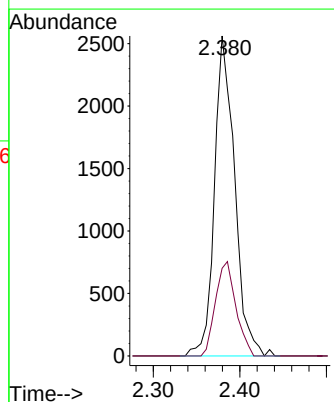
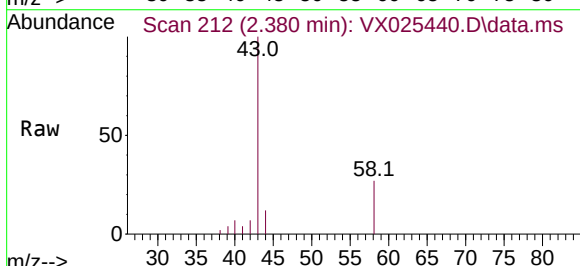
RT: 2.380 min Scan# 212

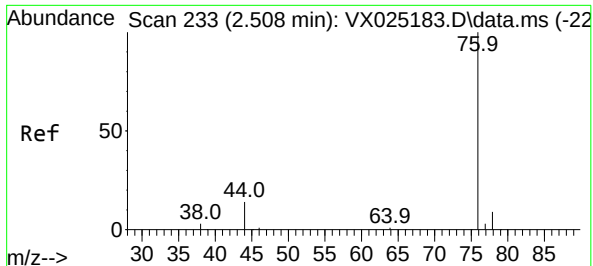
Delta R.T. -0.000 min

Lab File: VX025440.D

Acq: 02 Dec 2021 19:51

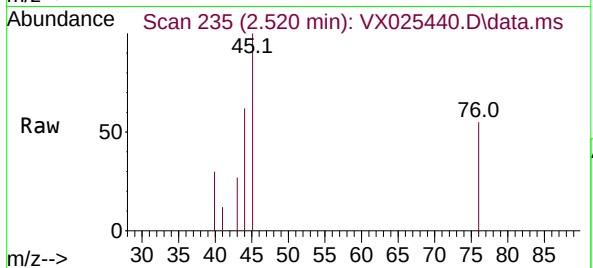
Tgt Ion:	43	Resp:	4151
Ion	Ratio	Lower	Upper
43	100		
58	27.4	24.0	36.0



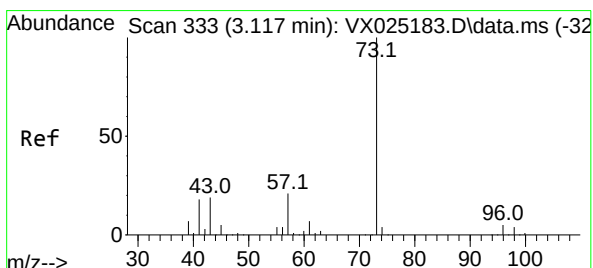
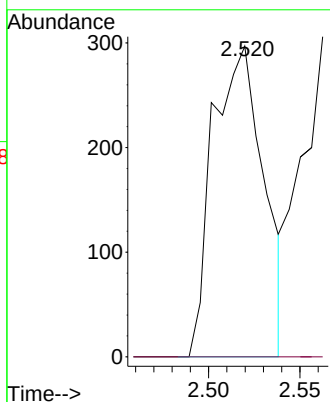
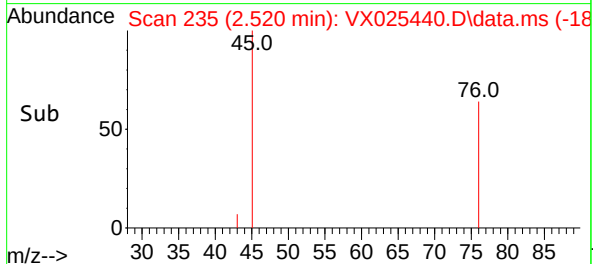


#17
Carbon Disulfide
Concen: 0.202 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX025440.D
Acq: 02 Dec 2021 19:51

Instrument :
MSVOA_X
ClientSampleId :

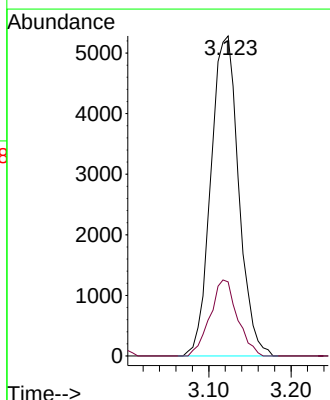
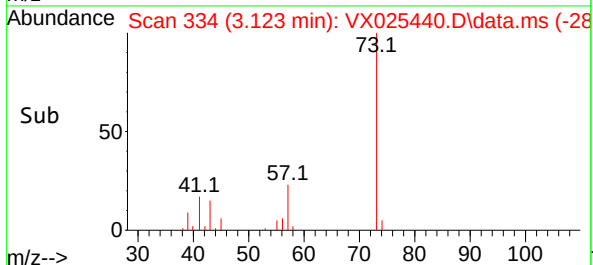
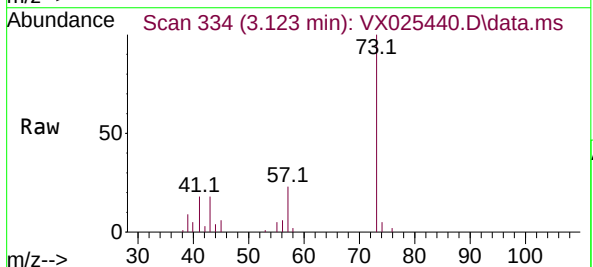


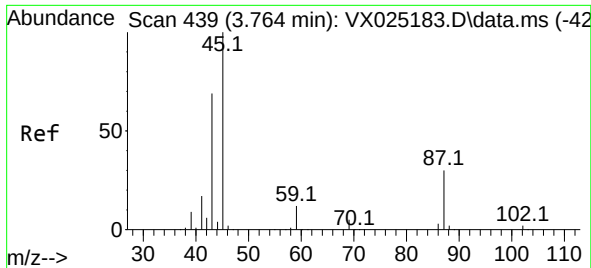
Tgt Ion: 76 Resp: 576
Ion Ratio Lower Upper
76 100
78 0.0 6.9 10.3#



#19
Methyl tert-butyl Ether
Concen: 3.519 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX025440.D
Acq: 02 Dec 2021 19:51

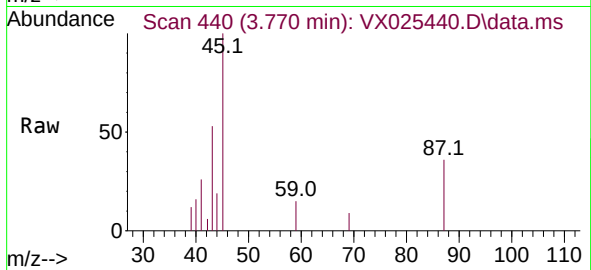
Tgt Ion: 73 Resp: 12429
Ion Ratio Lower Upper
73 100
57 23.1 17.5 26.3



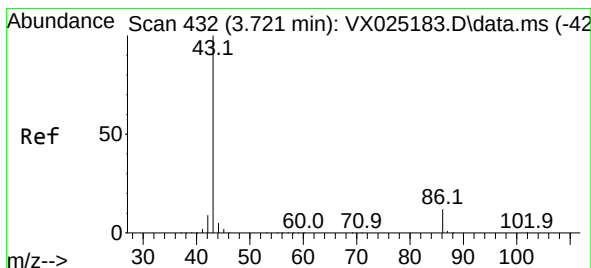
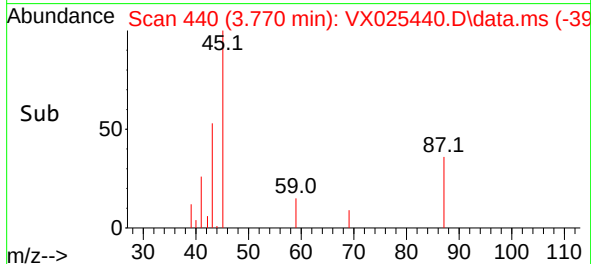
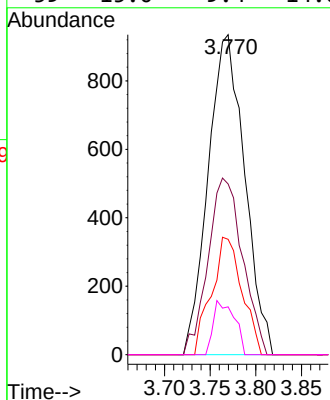


#22
Diisopropyl ether
Concen: 0.742 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX025440.D
Acq: 02 Dec 2021 19:51

Instrument :
MSVOA_X
ClientSampleId :

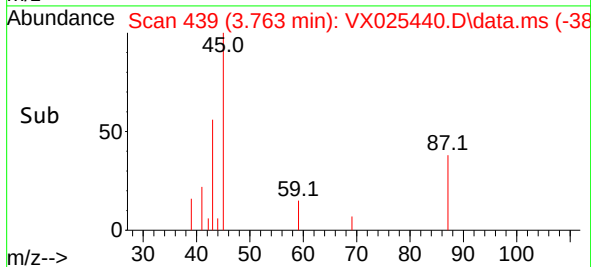
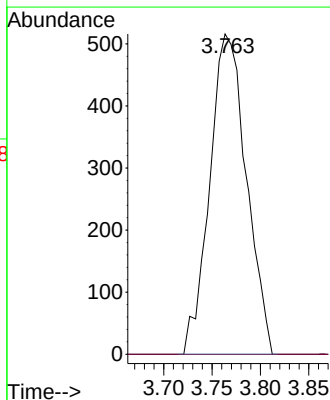
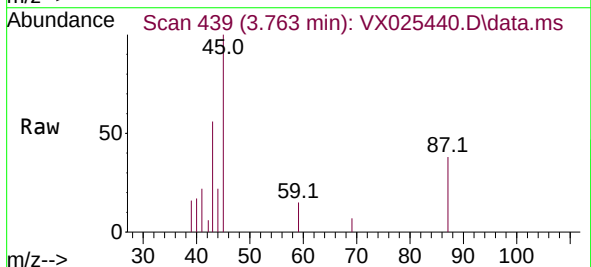


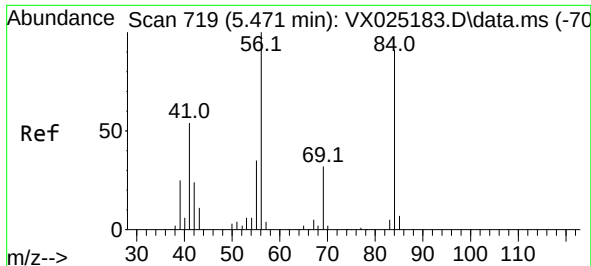
Tgt Ion:	45	Ratio	100	Lower	Upper
43	53.4	58.3	87.5#		
87	36.0	23.7	35.5#		
59	15.0	9.4	14.0#		



#23
Vinyl Acetate
Concen: 0.485 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.042 min
Lab File: VX025440.D
Acq: 02 Dec 2021 19:51

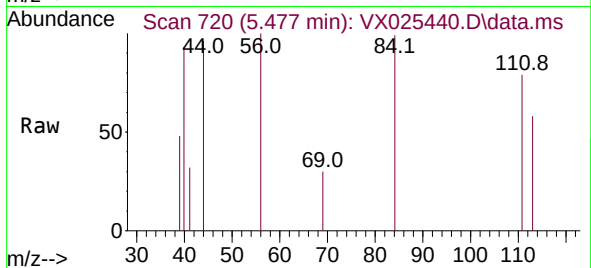
Tgt Ion:	43	Ratio	100	Lower	Upper
43	100				
86	0.0	8.2	12.4#		



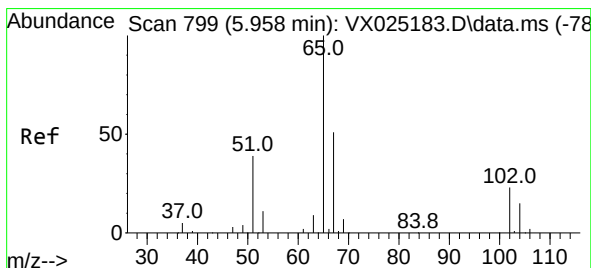
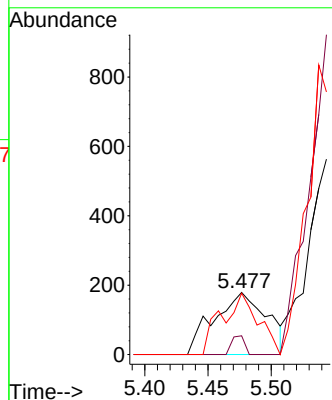
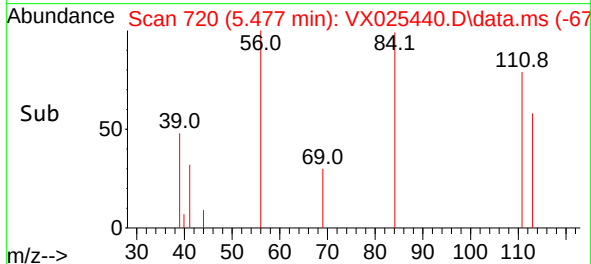


#31
Cyclohexane
Concen: 0.291 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX025440.D
Acq: 02 Dec 2021 19:51

Instrument :
MSVOA_X
ClientSampleId :

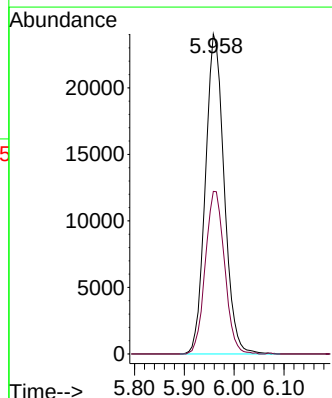
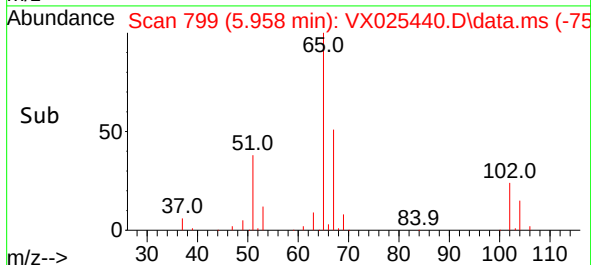
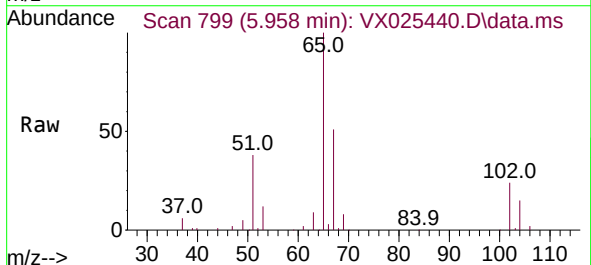


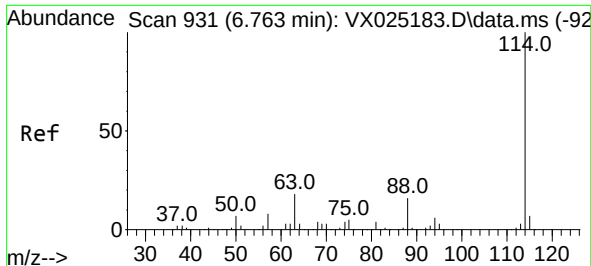
Tgt Ion: 56 Resp: 518
Ion Ratio Lower Upper
56 100
69 30.2 24.2 36.2
84 98.9 71.5 107.3



#33
1,2-Dichloroethane-d4
Concen: 54.580 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025440.D
Acq: 02 Dec 2021 19:51

Tgt Ion: 65 Resp: 62925
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.0

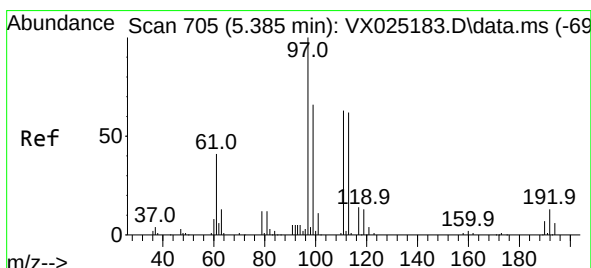
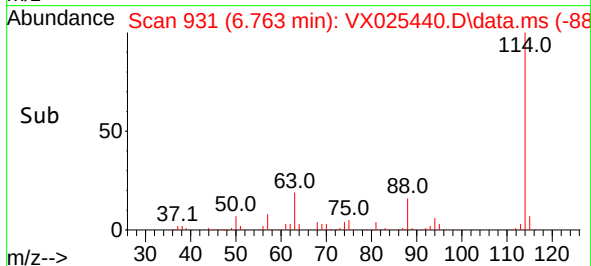
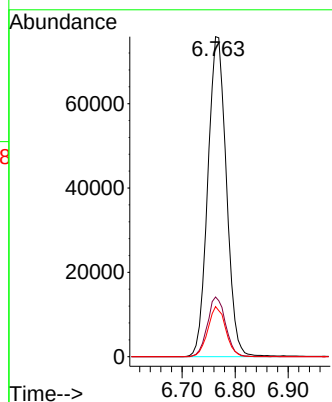
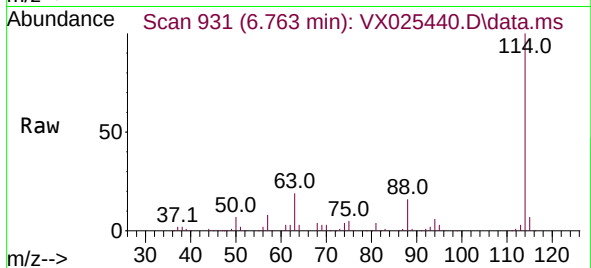




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX025440.D
Acq: 02 Dec 2021 19:51

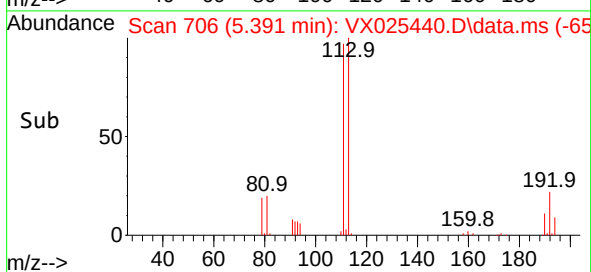
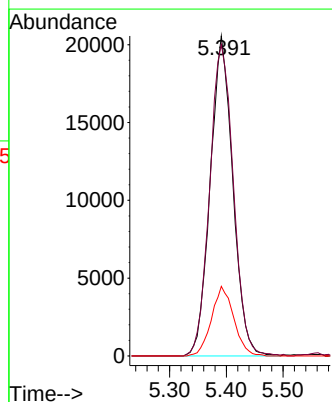
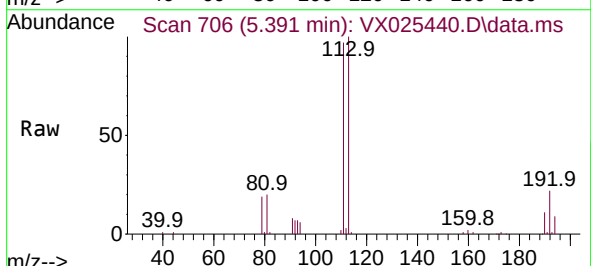
Instrument :
MSVOA_X
ClientSampleId :

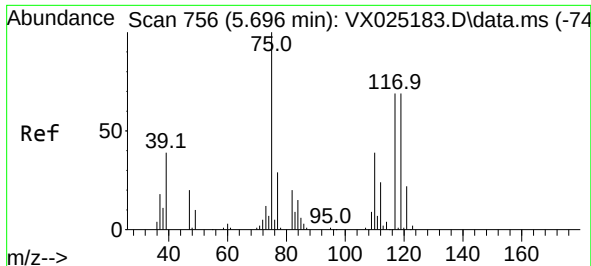
Tgt Ion:114 Resp: 184374
Ion Ratio Lower Upper
114 100
63 18.7 0.0 41.0
88 15.7 0.0 34.8



#35
Dibromofluoromethane
Concen: 50.132 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025440.D
Acq: 02 Dec 2021 19:51

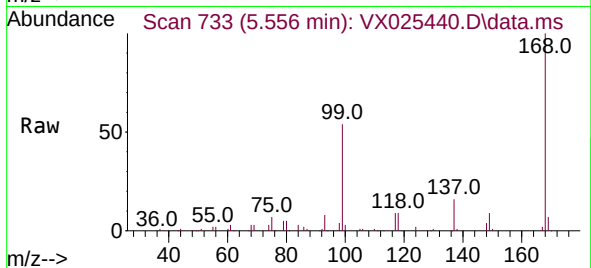
Tgt Ion:113 Resp: 56712
Ion Ratio Lower Upper
113 100
111 102.5 82.1 123.1
192 21.5 15.6 23.4



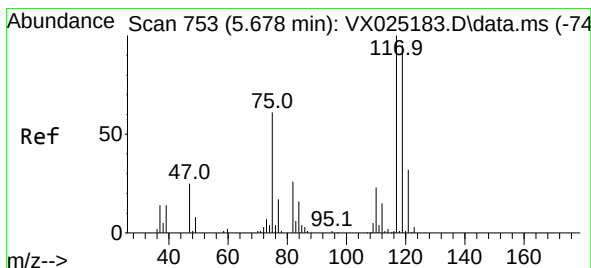
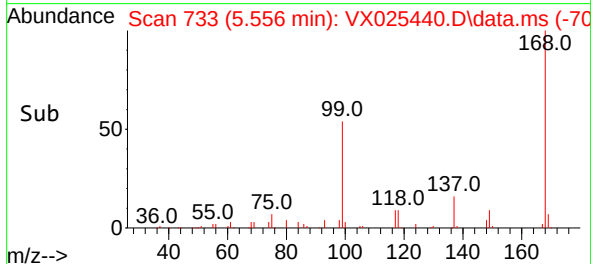
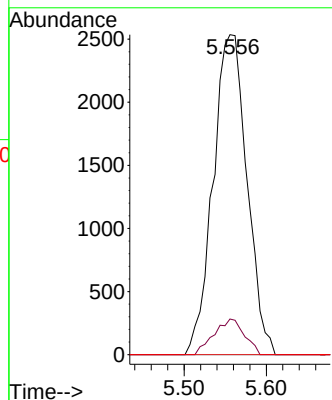


#36
1,1-Dichloropropene
Concen: 4.512 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX025440.D
Acq: 02 Dec 2021 19:51

Instrument :
MSVOA_X
ClientSampleId :

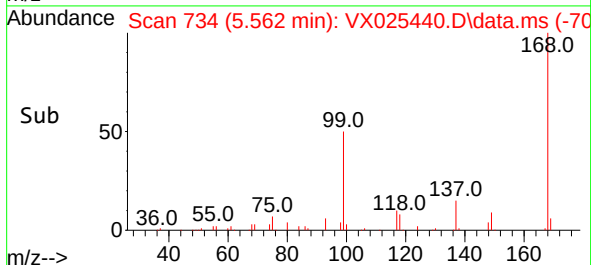
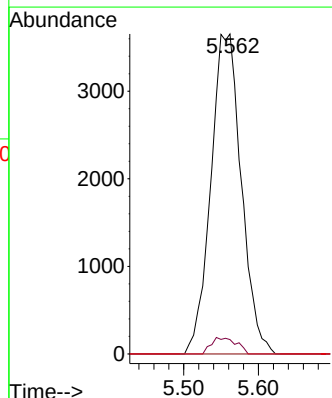
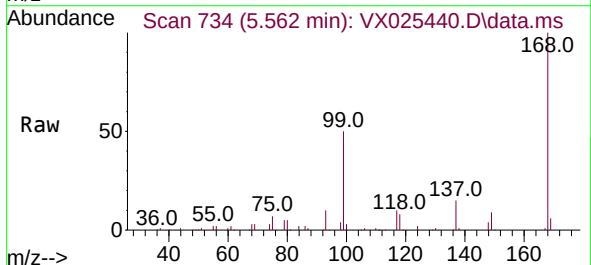


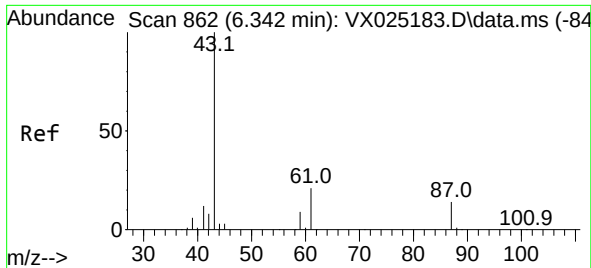
Tgt Ion: 75 Resp: 7258
Ion Ratio Lower Upper
75 100
110 10.0 18.1 54.3#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.851 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX025440.D
Acq: 02 Dec 2021 19:51

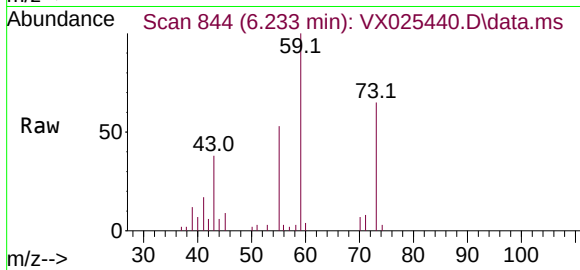
Tgt Ion: 117 Resp: 10367
Ion Ratio Lower Upper
117 100
119 4.5 75.6 113.4#
121 0.0 23.7 35.5#



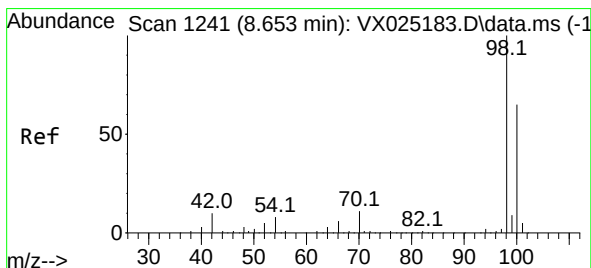
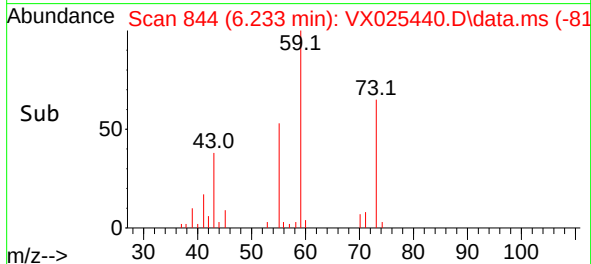
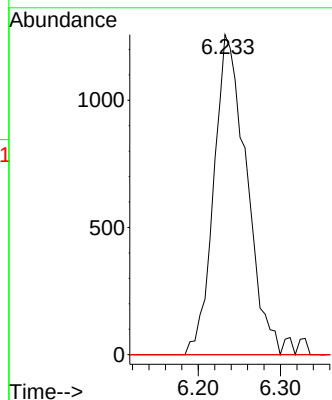


#43
Isopropyl Acetate
Concen: 1.134 ug/l
RT: 6.233 min Scan# 844
Delta R.T. -0.109 min
Lab File: VX025440.D
Acq: 02 Dec 2021 19:51

Instrument :
MSVOA_X
ClientSampleId :

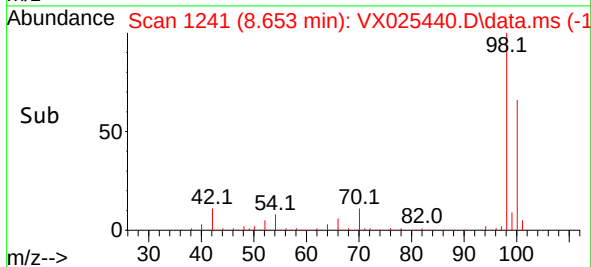
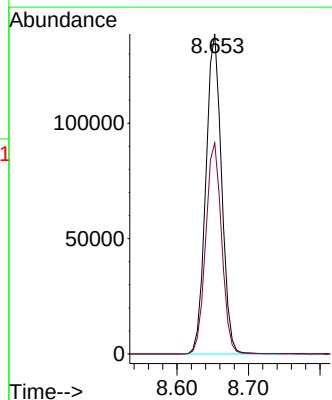
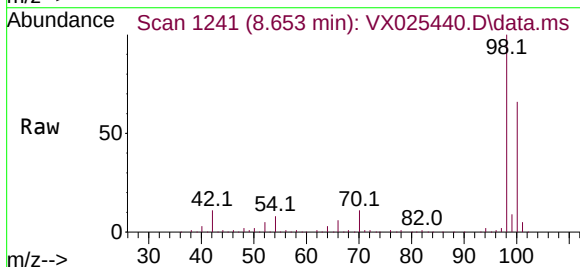


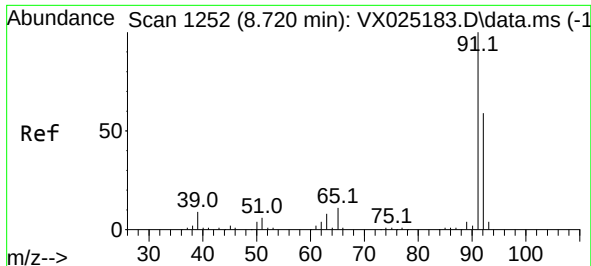
Tgt Ion: 43 Resp: 3455
Ion Ratio Lower Upper
43 100
61 0.0 15.3 22.9#
87 0.0 10.9 16.3#



#50
Toluene-d8
Concen: 49.866 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025440.D
Acq: 02 Dec 2021 19:51

Tgt Ion: 98 Resp: 212097
Ion Ratio Lower Upper
98 100
100 66.5 51.4 77.0





#52

Toluene

Concen: 0.523 ug/l

RT: 8.726 min Scan# 1

Delta R.T. 0.006 min MSVOA_X

Lab File: VX025440.D

Acq: 02 Dec 2021 19:51

Instrument :

MSVOA_X

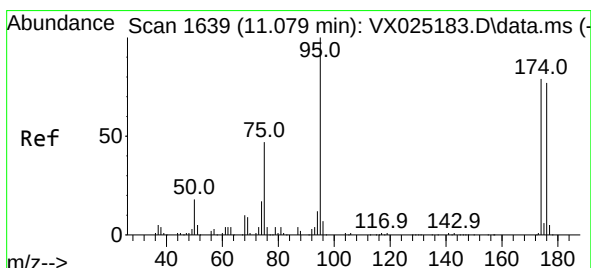
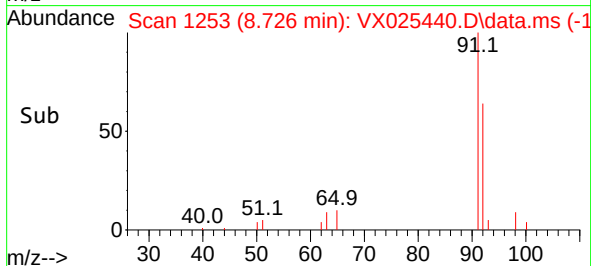
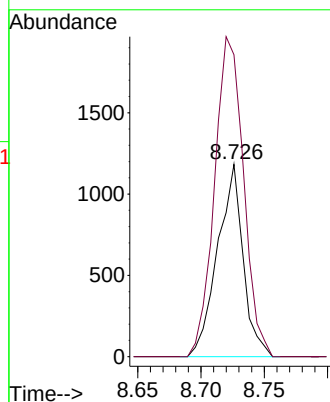
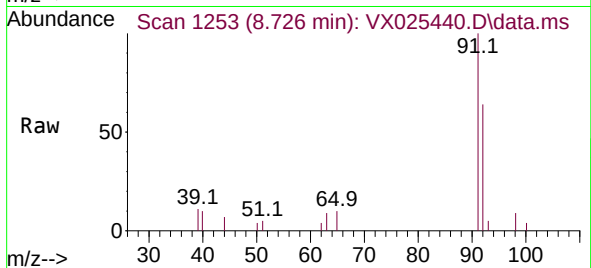
ClientSampleId :

Tgt Ion: 92 Resp: 1664

Ion Ratio Lower Upper

92 100

91 188.7 138.6 208.0



#62

4-Bromofluorobenzene

Concen: 44.772 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX025440.D

Acq: 02 Dec 2021 19:51

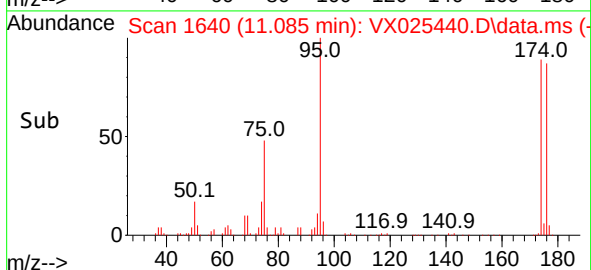
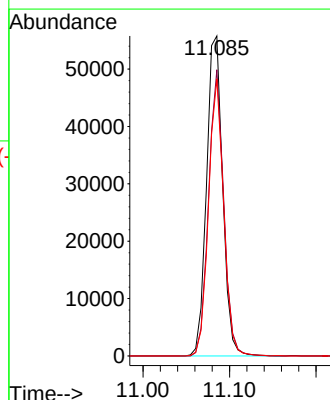
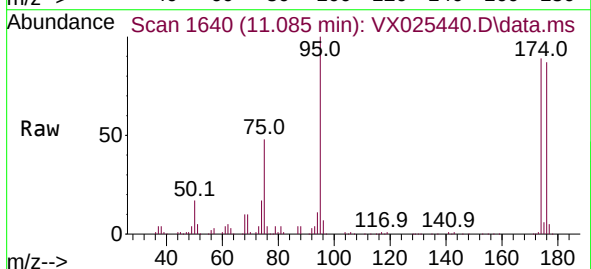
Tgt Ion: 95 Resp: 72042

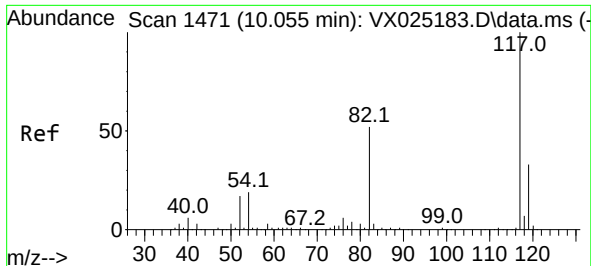
Ion Ratio Lower Upper

95 100

174 84.4 0.0 158.0

176 81.6 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: VX025440.D

Acq: 02 Dec 2021 19:51

Instrument :

MSVOA_X

ClientSampleId :

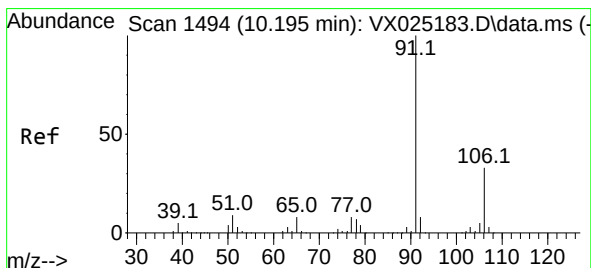
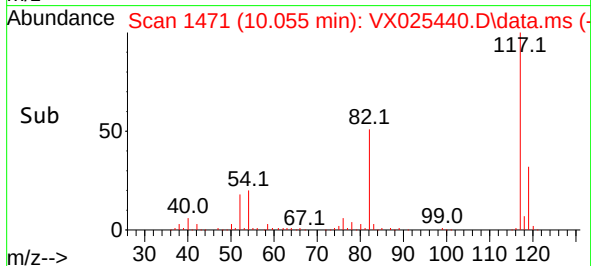
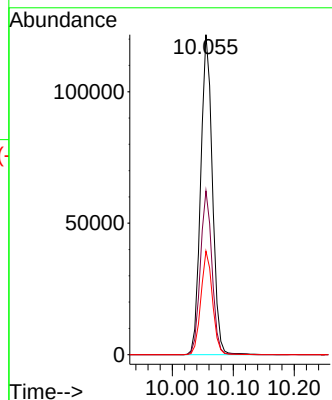
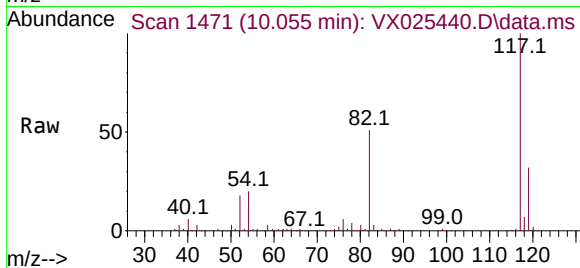
Tgt Ion:117 Resp: 162797

Ion Ratio Lower Upper

117 100

82 51.2 44.6 67.0

119 32.4 24.8 37.2



#67

Ethyl Benzene

Concen: 1.109 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX025440.D

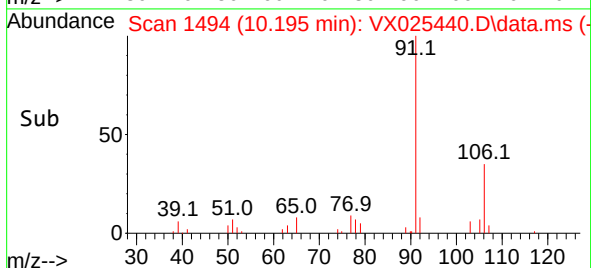
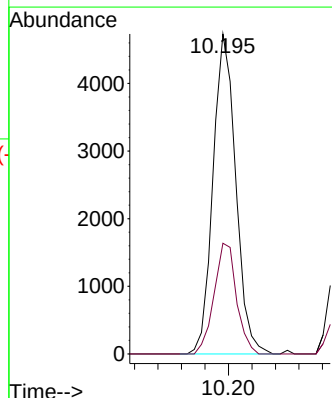
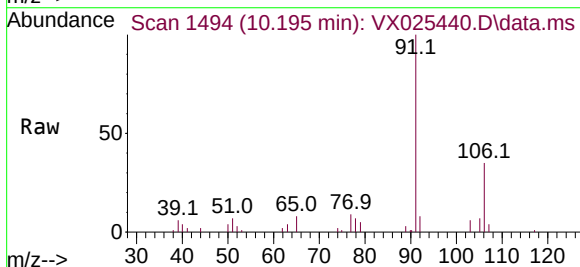
Acq: 02 Dec 2021 19:51

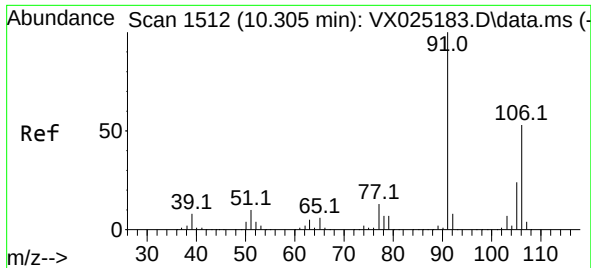
Tgt Ion: 91 Resp: 6359

Ion Ratio Lower Upper

91 100

106 34.6 24.7 37.1

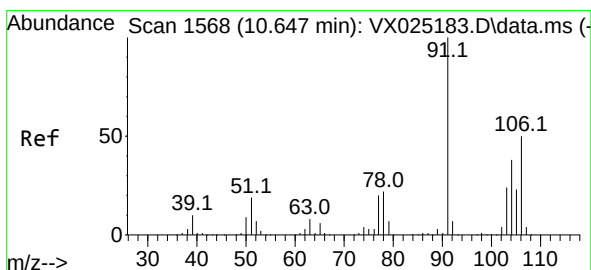
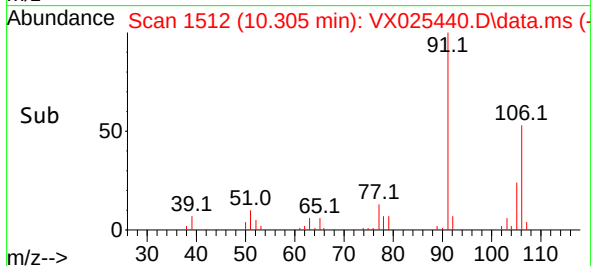
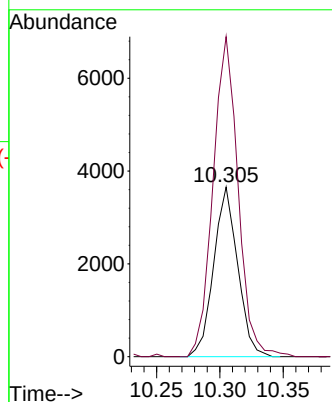
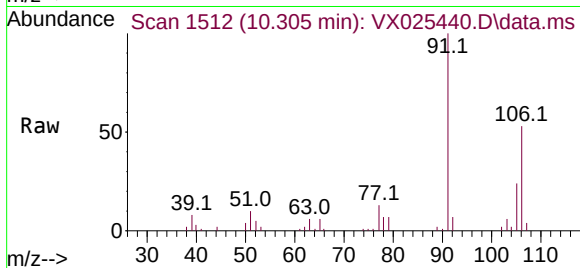




#68
m/p-Xylenes
Concen: 2.058 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX025440.D
Acq: 02 Dec 2021 19:51

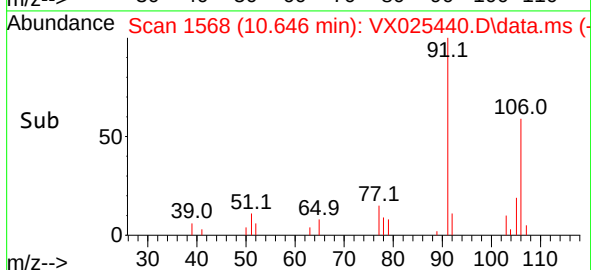
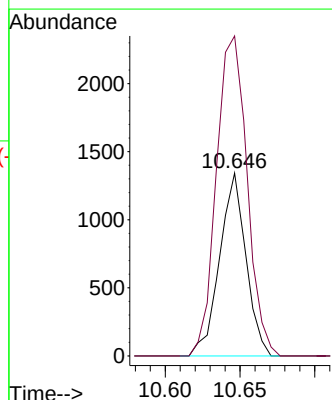
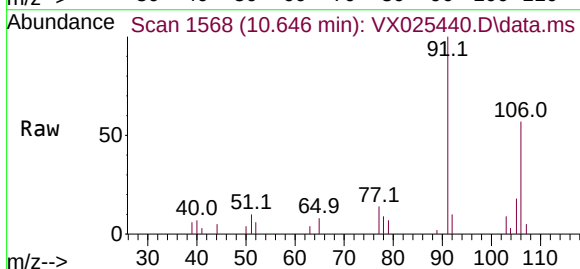
Instrument :
MSVOA_X
ClientSampleId :

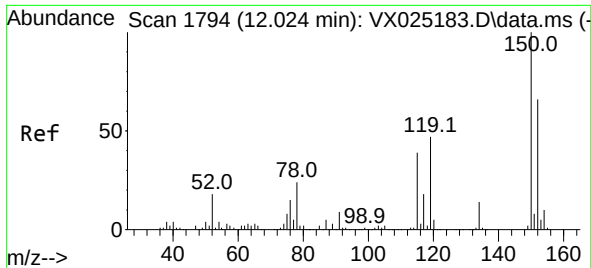
Tgt Ion:106 Resp: 4820
Ion Ratio Lower Upper
106 100
91 196.8 163.4 245.0



#69
o-Xylene
Concen: 0.717 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.001 min
Lab File: VX025440.D
Acq: 02 Dec 2021 19:51

Tgt Ion:106 Resp: 1644
Ion Ratio Lower Upper
106 100
91 204.1 109.5 328.4

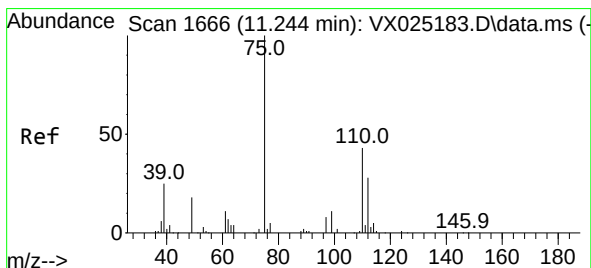
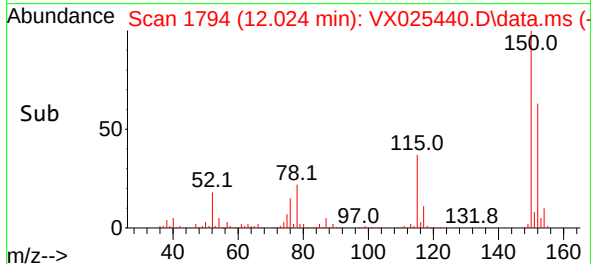
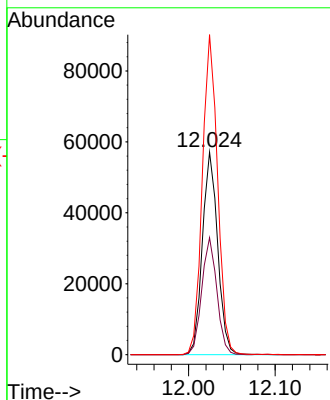
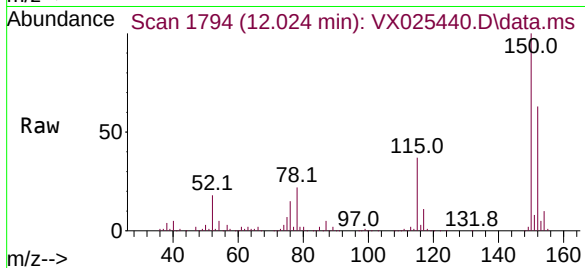




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX025440.D
 Acq: 02 Dec 2021 19:51

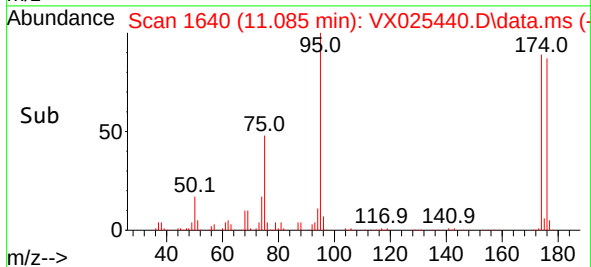
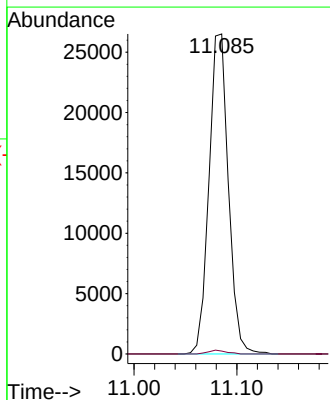
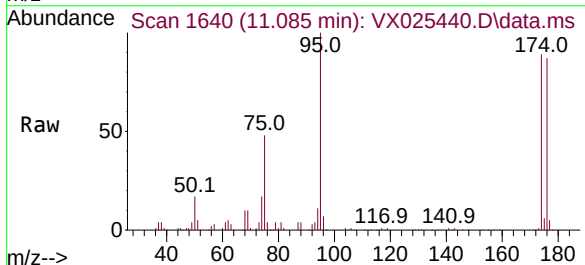
Instrument :
 MSVOA_X
 ClientSampleId :

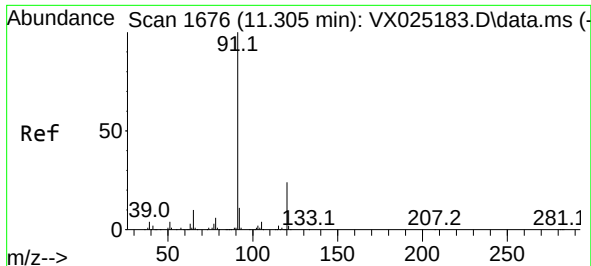
Tgt Ion:152 Resp: 70025
 Ion Ratio Lower Upper
 152 100
 115 57.0 43.3 129.8
 150 157.6 0.0 351.2



#76
 1,2,3-Trichloropropane
 Concen: 24.219 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX025440.D
 Acq: 02 Dec 2021 19:51

Tgt Ion: 75 Resp: 34729
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.0 59.9#

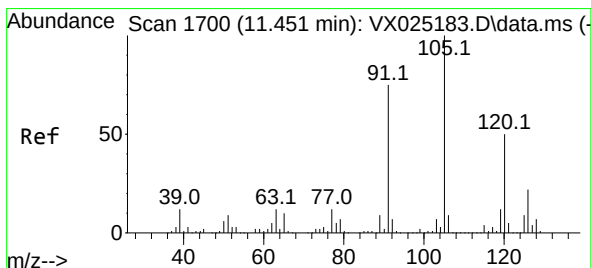
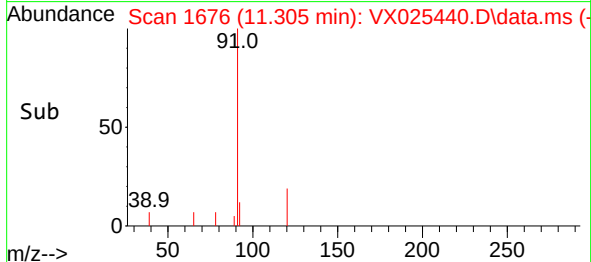
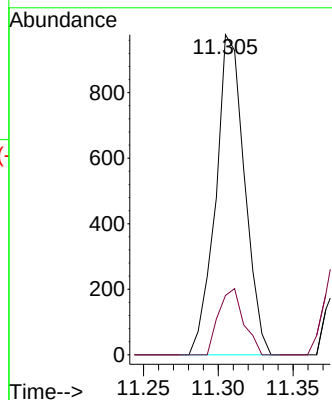
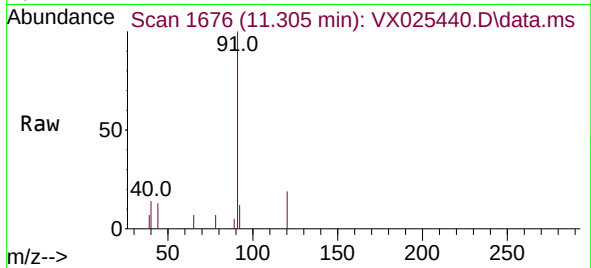




#78
n-propylbenzene
Concen: 0.234 ug/l
RT: 11.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025440.D
Acq: 02 Dec 2021 19:51

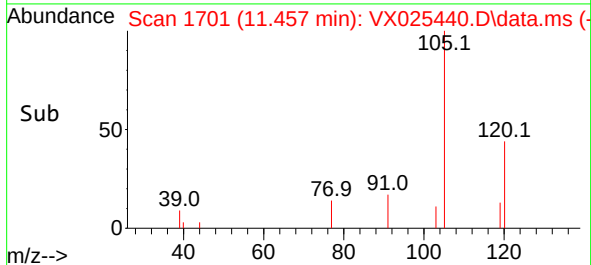
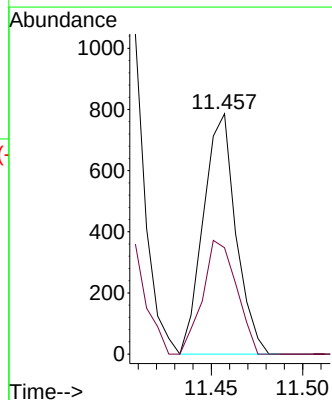
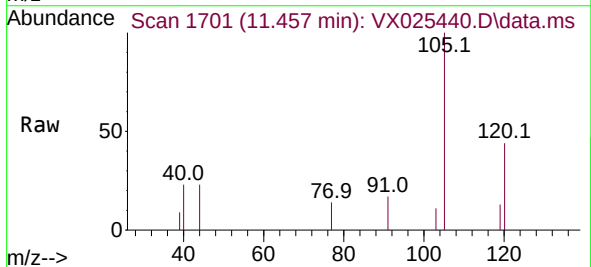
Instrument :
MSVOA_X
ClientSampleId :

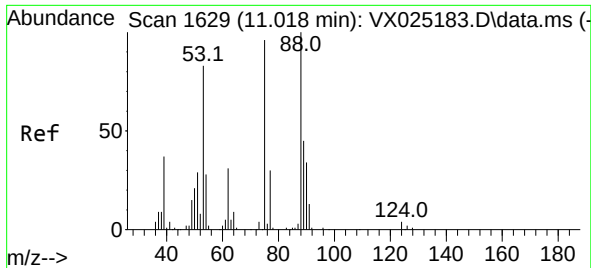
Tgt Ion: 91 Resp: 1309
Ion Ratio Lower Upper
91 100
120 18.0 11.7 35.0



#80
1,3,5-Trimethylbenzene
Concen: 0.233 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX025440.D
Acq: 02 Dec 2021 19:51

Tgt Ion: 105 Resp: 976
Ion Ratio Lower Upper
105 100
120 49.1 23.8 71.5

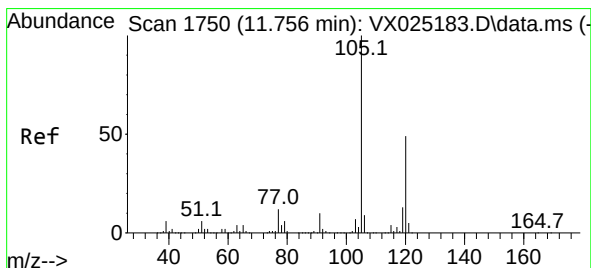
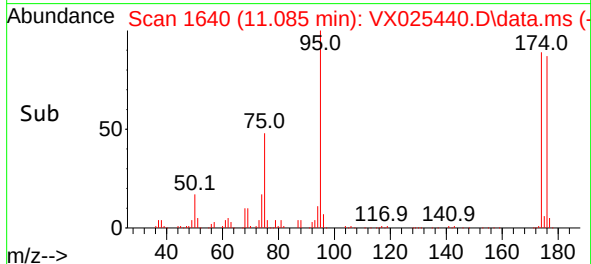
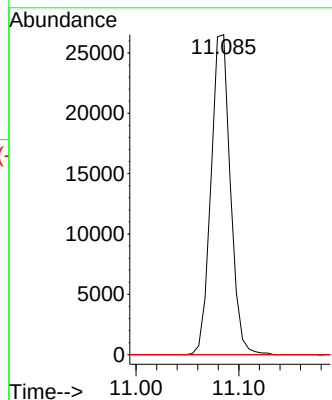
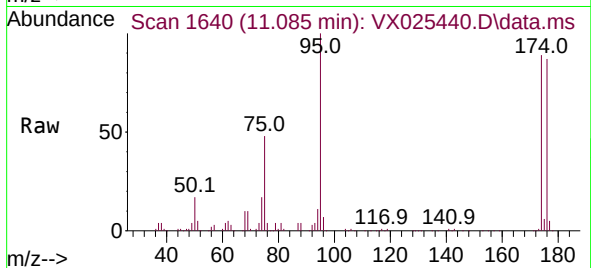




#81
trans-1,4-Dichloro-2-butene
Concen: 61.011 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX025440.D
Acq: 02 Dec 2021 19:51

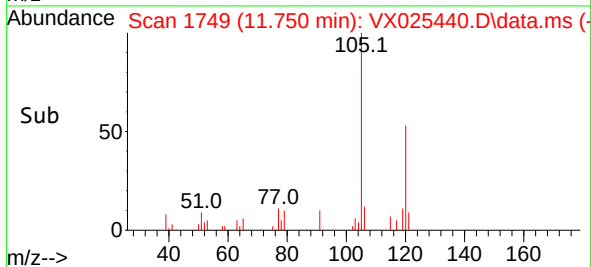
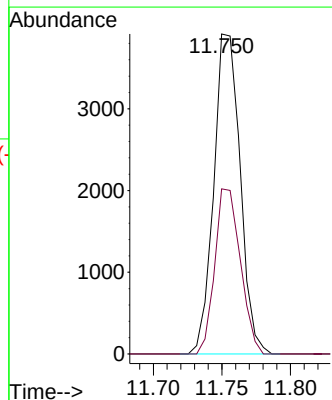
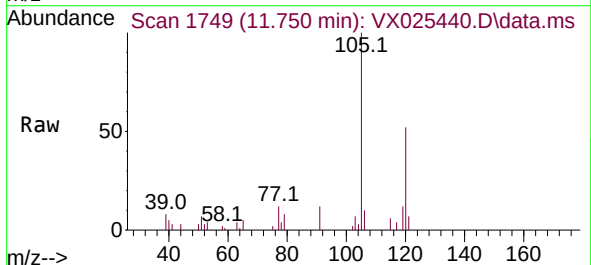
Instrument :
MSVOA_X
ClientSampleId :

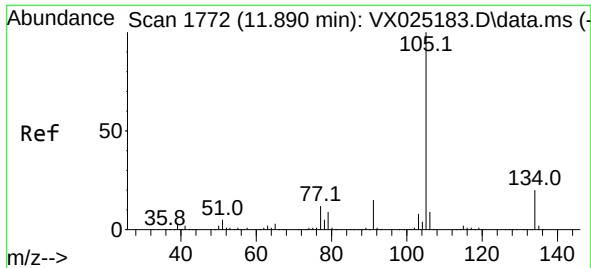
Tgt Ion: 75 Resp: 34729
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#



#84
1,2,4-Trimethylbenzene
Concen: 1.265 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX025440.D
Acq: 02 Dec 2021 19:51

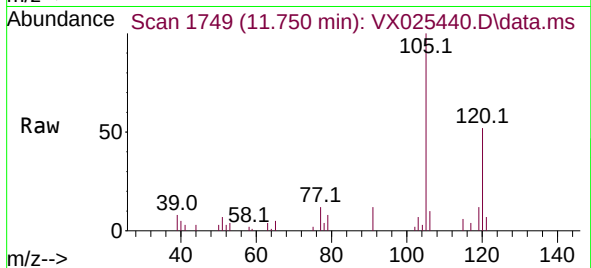
Tgt Ion: 105 Resp: 5245
Ion Ratio Lower Upper
105 100
120 50.0 22.1 66.3



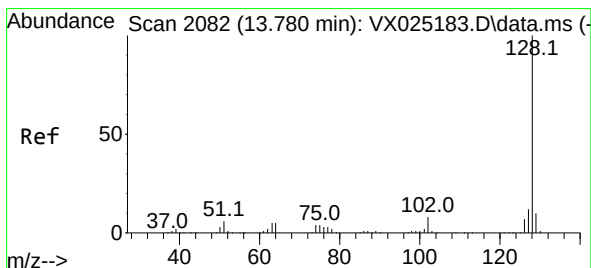
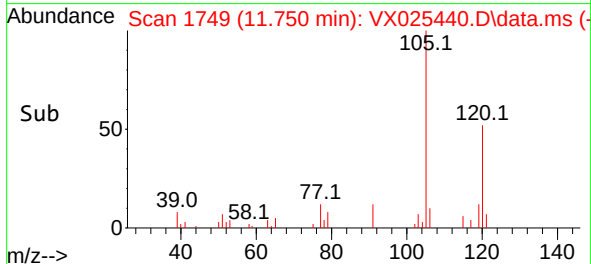
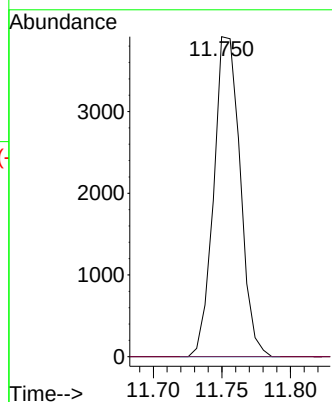


#85
 sec-Butylbenzene
 Concen: 1.012 ug/l
 RT: 11.750 min Scan# 11
 Delta R.T. -0.140 min
 Lab File: VX025440.D
 Acq: 02 Dec 2021 19:51

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:105 Resp: 5245
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4#



#95
 Naphthalene
 Concen: 0.903 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. -0.000 min
 Lab File: VX025440.D
 Acq: 02 Dec 2021 19:51

Tgt Ion:128 Resp: 6008
 Ion Ratio Lower Upper
 128 100
 127 12.4 10.3 15.5
 129 10.7 8.8 13.2

