

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110822\
 Data File : VX032655.D
 Acq On : 08 Nov 2022 15:40
 Operator : JC/MD
 Sample : N5514-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 09 04:39:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

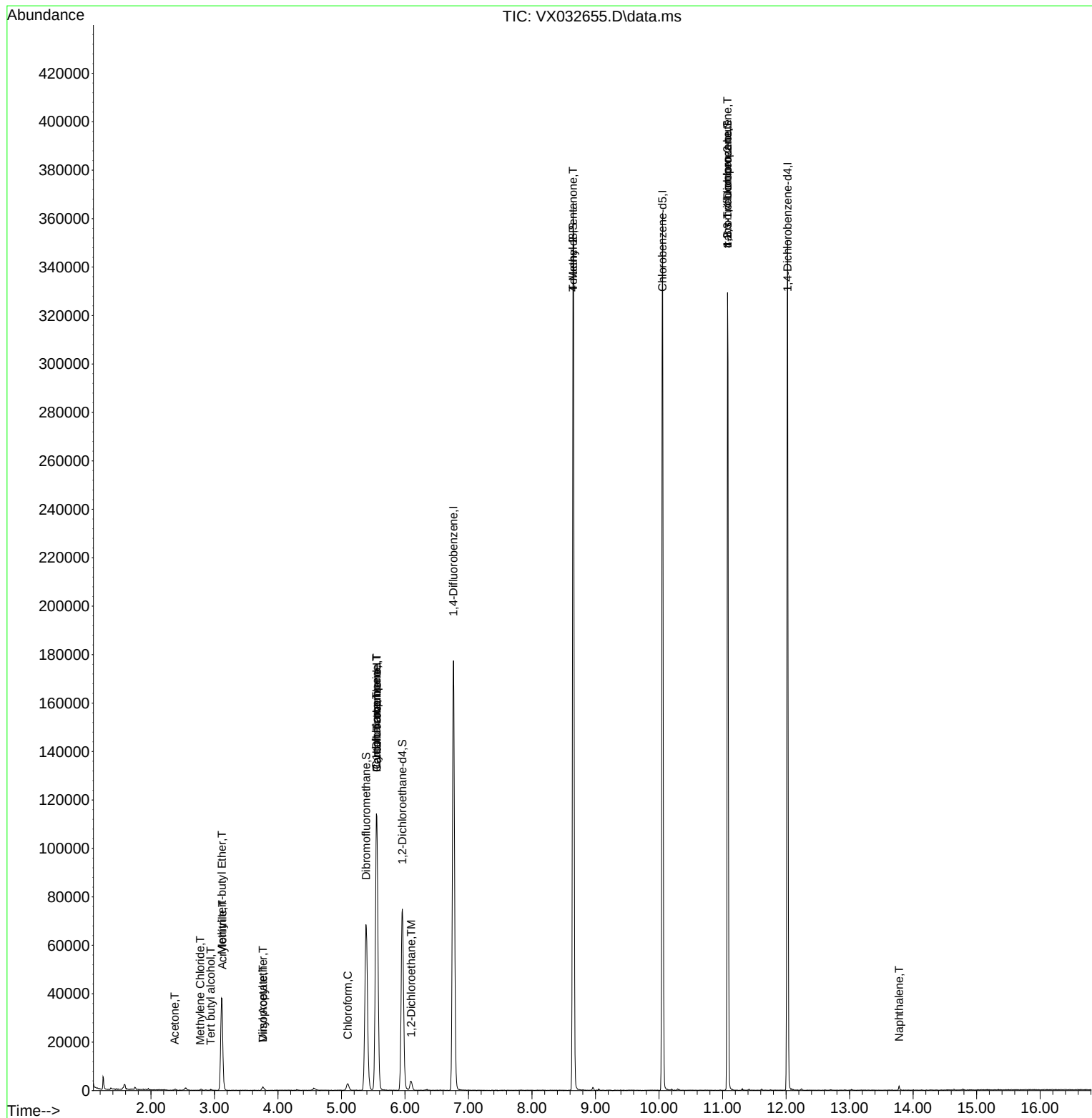
Internal Standards						
1) Pentafluorobenzene	5.556	168	109211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	179687	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	157482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72049	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74917	49.370	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.740%
35) Dibromofluoromethane	5.385	113	59078	46.093	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.180%
50) Toluene-d8	8.647	98	217660	48.837	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.680%
62) 4-Bromofluorobenzene	11.079	95	82134	47.178	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.360%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	206	0.933	ug/l #	72
15) Acrylonitrile	3.123	53	476	0.794	ug/l #	12
16) Acetone	2.373	43	645	1.169	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	41612	10.810	ug/l	99
20) Methylene Chloride	2.776	84	269	0.213	ug/l #	39
22) Diisopropyl ether	3.763	45	1413	0.374	ug/l #	90
23) Vinyl Acetate	3.763	43	919	0.301	ug/l #	72
30) Chloroform	5.098	83	3274	1.374	ug/l	97
31) Cyclohexane	5.550	56	2231	1.213	ug/l #	14
36) 1,1-Dichloropropene	5.550	75	8281	4.640	ug/l #	49
38) Carbon Tetrachloride	5.556	117	11219	5.667	ug/l #	15
42) 1,2-Dichloroethane	6.098	62	4549	2.203	ug/l	98
51) 4-Methyl-2-Pentanone	8.647	43	913	0.508	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	44257	27.610	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	44257	87.857	ug/l #	6
95) Naphthalene	13.780	128	1437	0.254	ug/l #	90

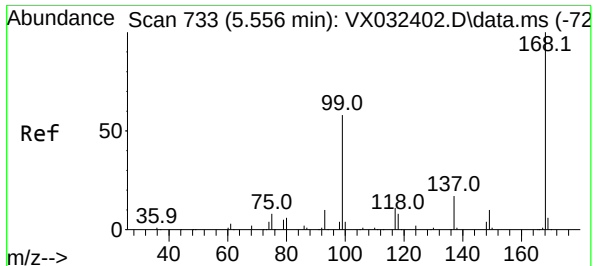
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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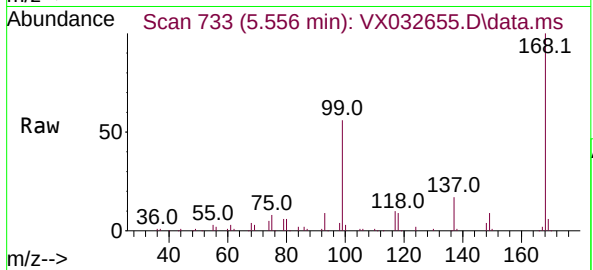
Quant Time: Nov 09 04:39:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
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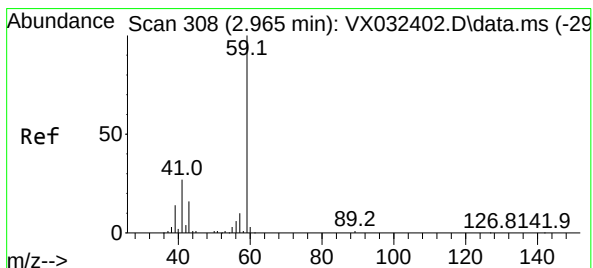
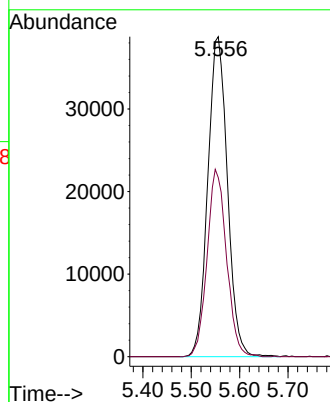
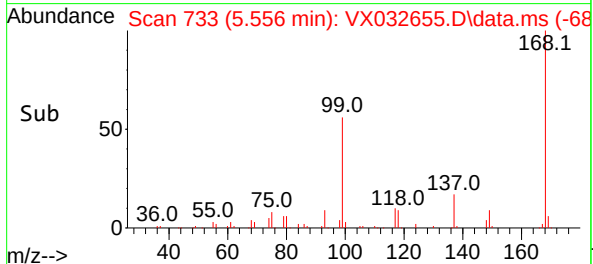


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032655.D
Acq: 08 Nov 2022 15:40

Instrument :
MSVOA_X
ClientSampleId :

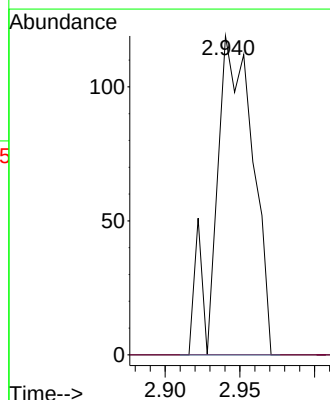
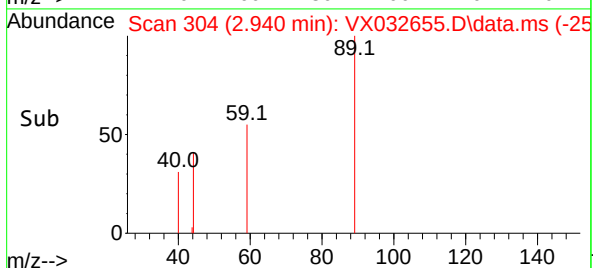
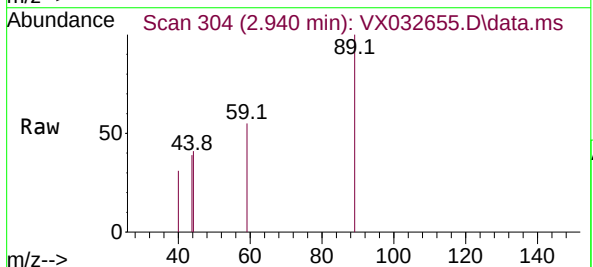


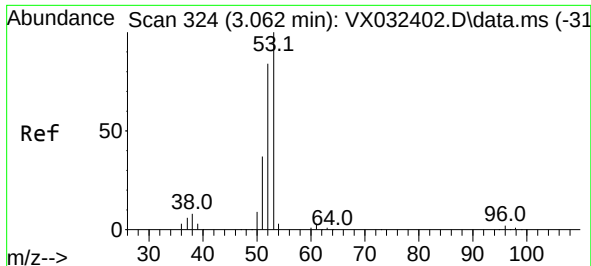
Tgt Ion:168 Resp: 109211
Ion Ratio Lower Upper
168 100
99 55.9 46.1 69.1



#11
Tert butyl alcohol
Concen: 0.933 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX032655.D
Acq: 08 Nov 2022 15:40

Tgt Ion: 59 Resp: 206
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#15

Acrylonitrile

Concen: 0.794 ug/l

RT: 3.123 min Scan# 31

Delta R.T. 0.061 min

Lab File: VX032655.D

Acq: 08 Nov 2022 15:40

Instrument :

MSVOA_X

ClientSampleId :

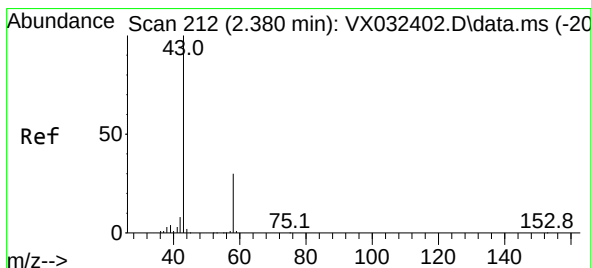
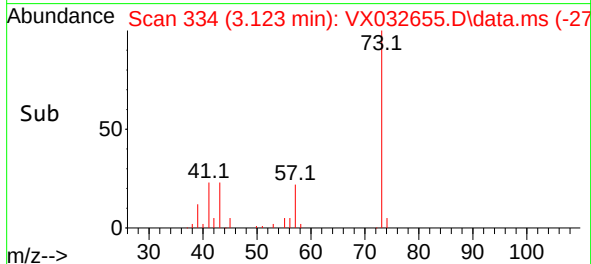
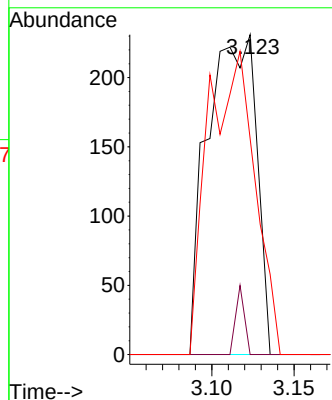
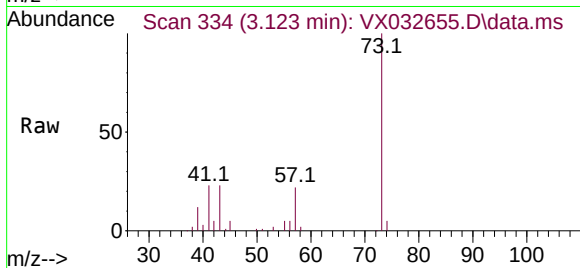
Tgt Ion: 53 Resp: 476

Ion Ratio Lower Upper

53 100

52 3.8 67.4 101.0#

51 91.0 30.3 45.5#



#16

Acetone

Concen: 1.169 ug/l

RT: 2.373 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX032655.D

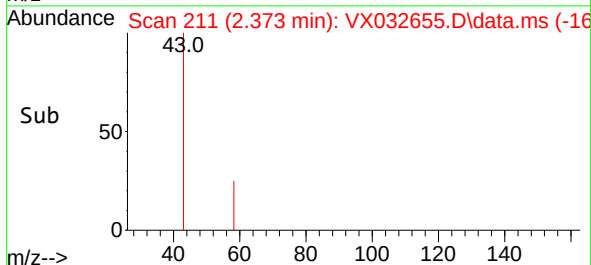
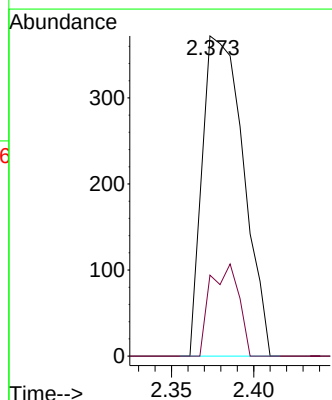
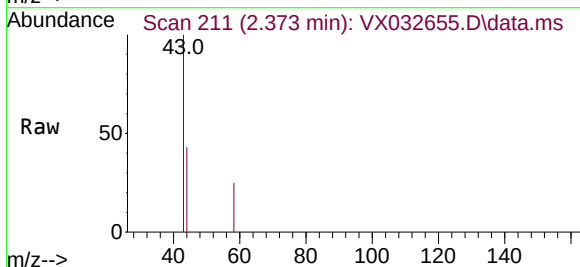
Acq: 08 Nov 2022 15:40

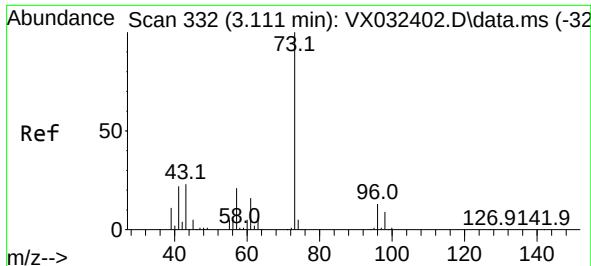
Tgt Ion: 43 Resp: 645

Ion Ratio Lower Upper

43 100

58 25.3 23.8 35.8

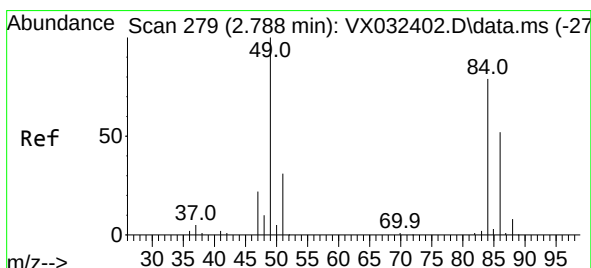
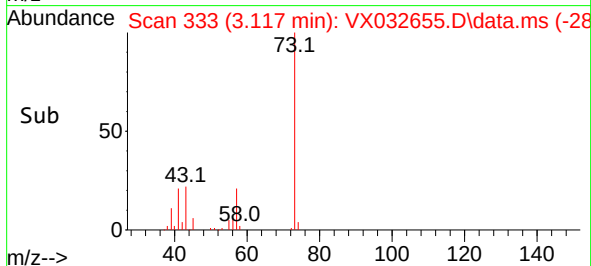
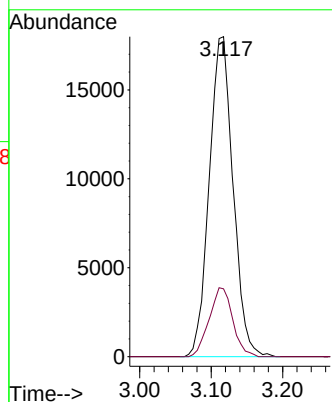
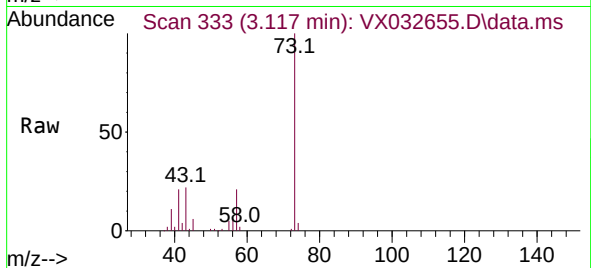




#19
Methyl tert-butyl Ether
Concen: 10.810 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX032655.D
Acq: 08 Nov 2022 15:40

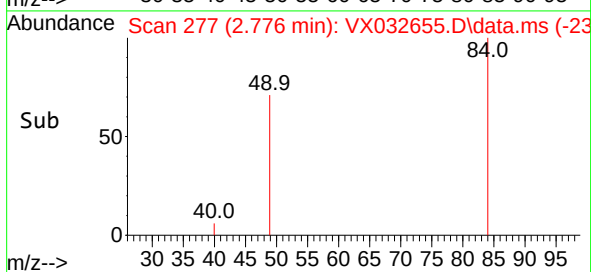
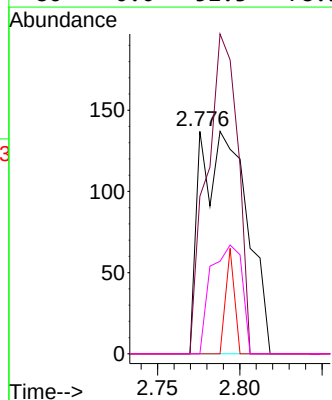
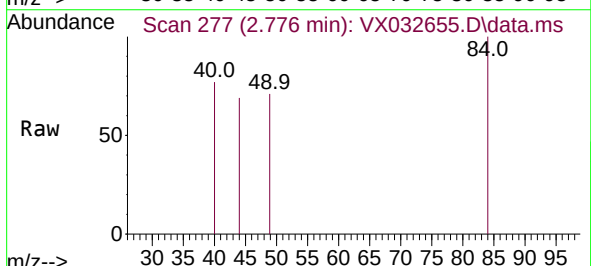
Instrument :
MSVOA_X
ClientSampleId :

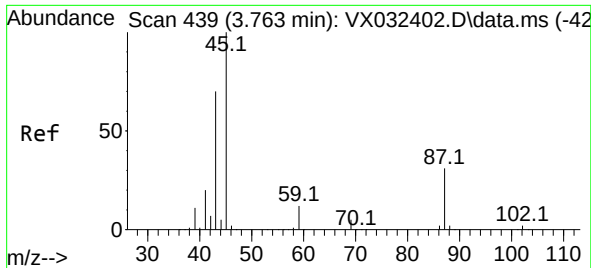
Tgt Ion: 73 Resp: 41612
Ion Ratio Lower Upper
73 100
57 21.2 16.6 25.0



#20
Methylene Chloride
Concen: 0.213 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.012 min
Lab File: VX032655.D
Acq: 08 Nov 2022 15:40

Tgt Ion: 84 Resp: 269
Ion Ratio Lower Upper
84 100
49 70.8 101.0 151.6#
51 0.0 31.1 46.7#
86 0.0 52.3 78.5#

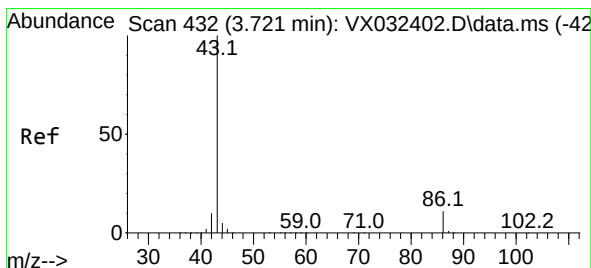
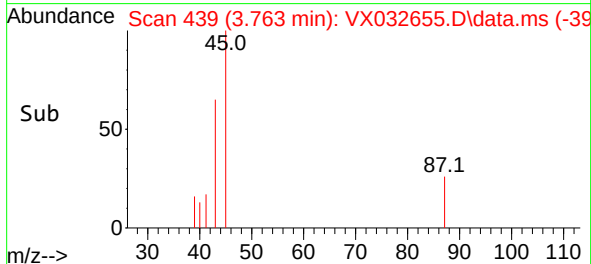
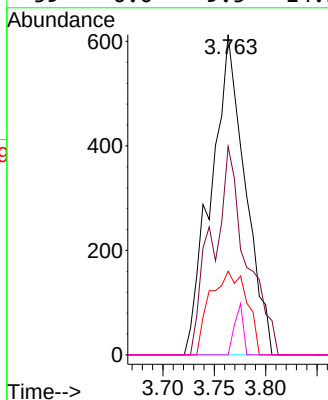
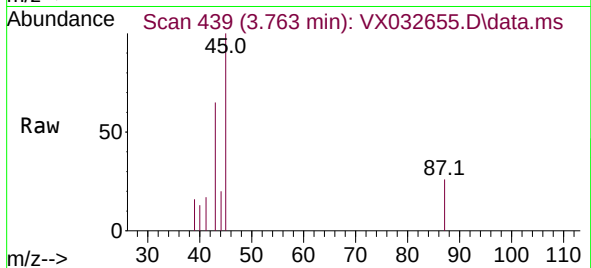




#22
Diisopropyl ether
Concen: 0.374 ug/l
RT: 3.763 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX032655.D
Acq: 08 Nov 2022 15:40

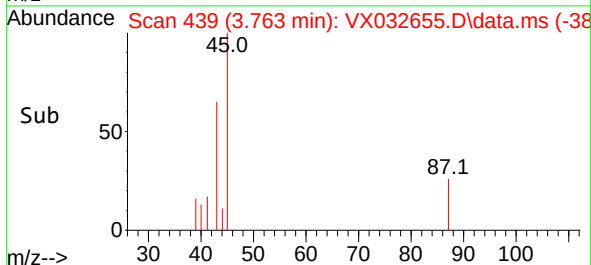
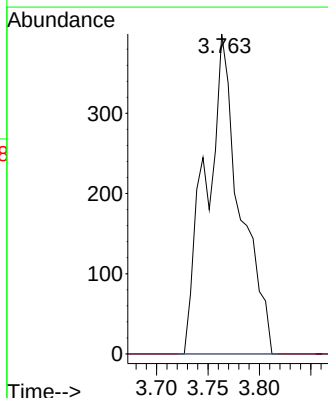
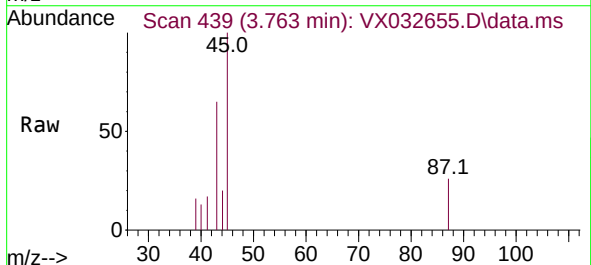
Instrument :
MSVOA_X
ClientSampleId :

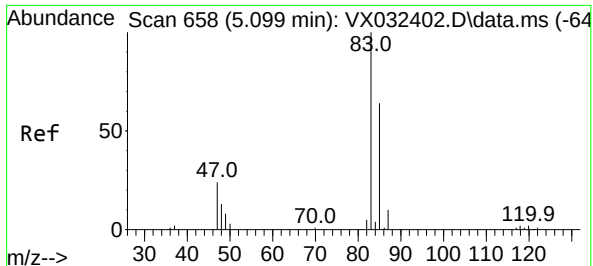
Tgt Ion: 45	Resp: 1413
Ion Ratio	Lower Upper
45 100	
43 65.1	56.4 84.6
87 26.1	24.4 36.6
59 0.0	9.5 14.3



#23
Vinyl Acetate
Concen: 0.301 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.043 min
Lab File: VX032655.D
Acq: 08 Nov 2022 15:40

Tgt Ion: 43	Resp: 919
Ion Ratio	Lower Upper
43 100	
86 0.0	8.6 12.8





#30

Chloroform

Concen: 1.374 ug/l

RT: 5.098 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX032655.D

Acq: 08 Nov 2022 15:40

Instrument :

MSVOA_X

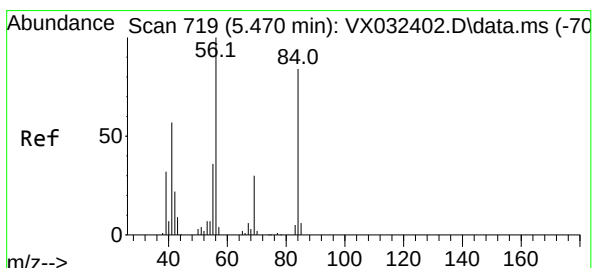
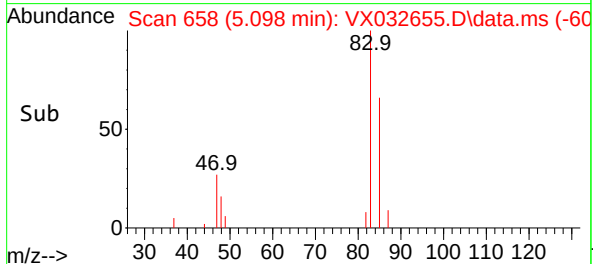
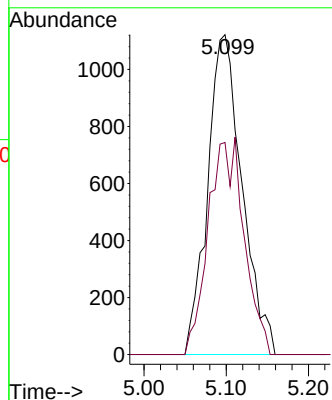
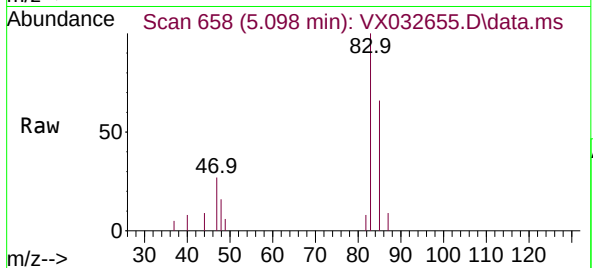
ClientSampleId :

Tgt Ion: 83 Resp: 3274

Ion Ratio Lower Upper

83 100

85 66.3 51.1 76.7



#31

Cyclohexane

Concen: 1.213 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX032655.D

Acq: 08 Nov 2022 15:40

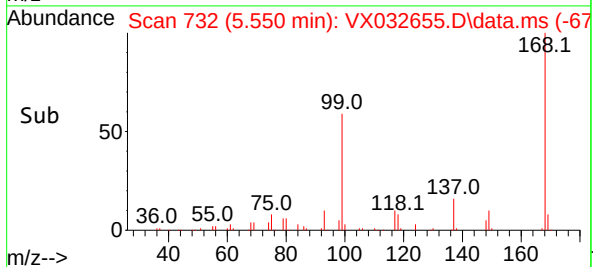
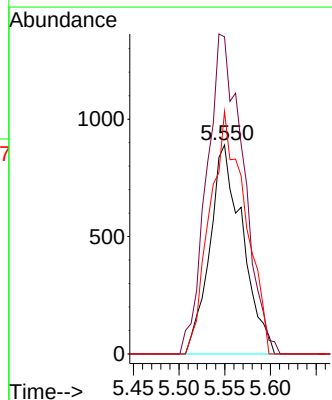
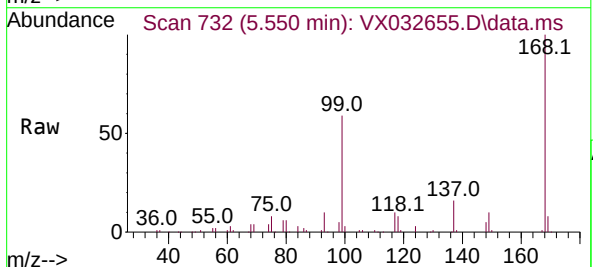
Tgt Ion: 56 Resp: 2231

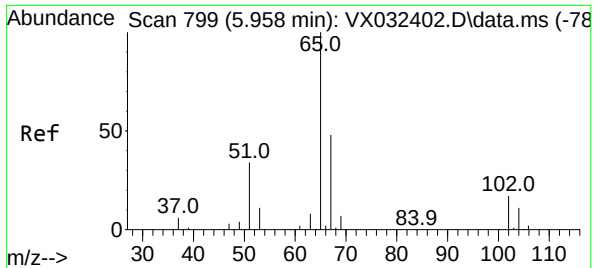
Ion Ratio Lower Upper

56 100

69 151.8 24.1 36.1#

84 116.1 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 49.370 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032655.D

Acq: 08 Nov 2022 15:40

Instrument :

MSVOA_X

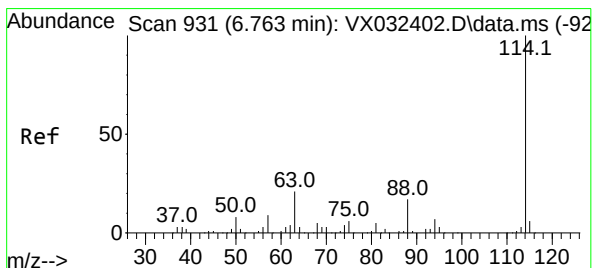
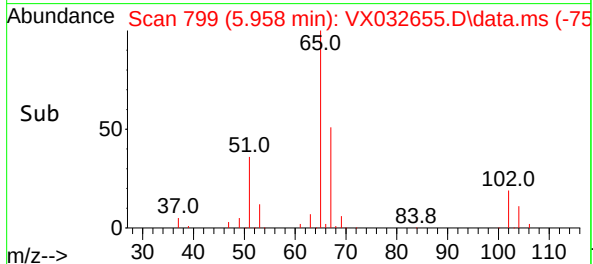
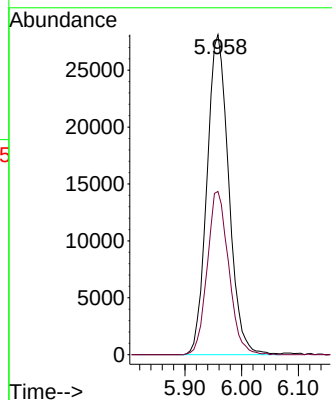
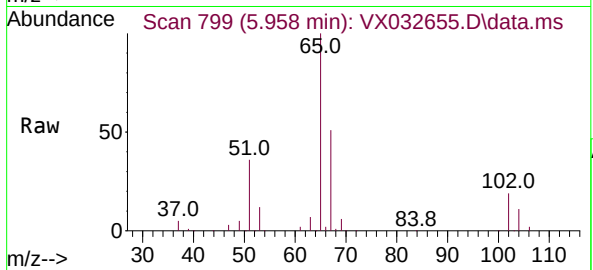
ClientSampleId :

Tgt Ion: 65 Resp: 74917

Ion Ratio Lower Upper

65 100

67 50.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032655.D

Acq: 08 Nov 2022 15:40

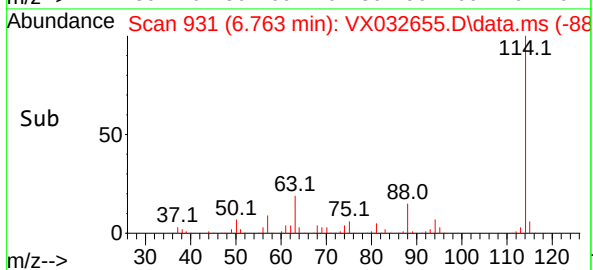
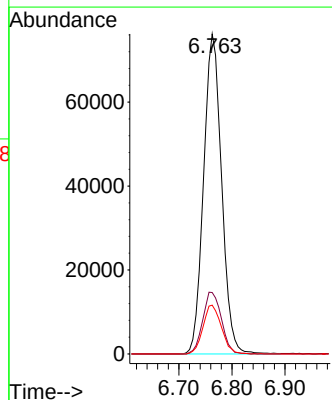
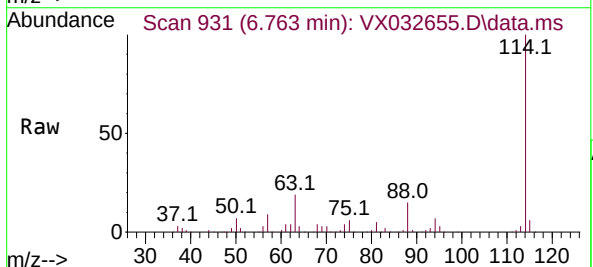
Tgt Ion: 114 Resp: 179687

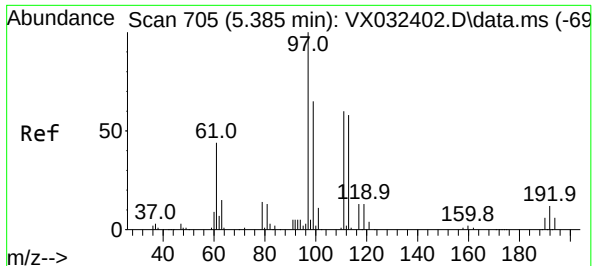
Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.6

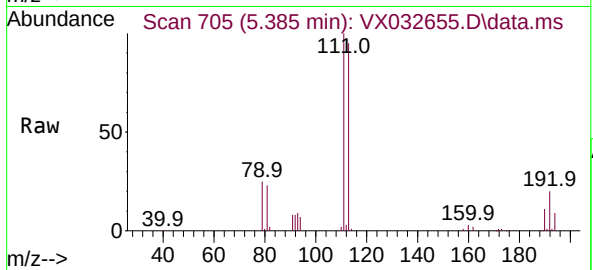
88 15.2 0.0 33.4



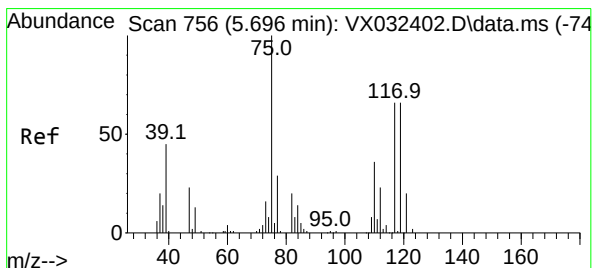
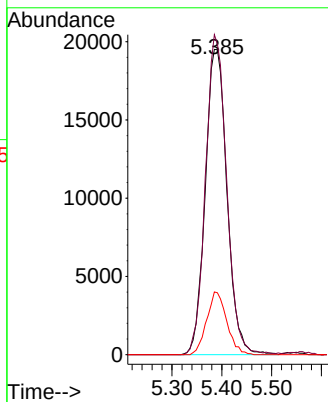
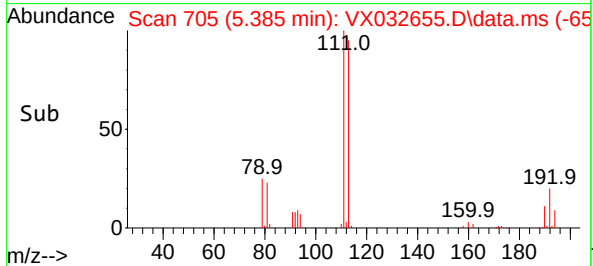


#35
Dibromofluoromethane
Concen: 46.093 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032655.D
Acq: 08 Nov 2022 15:40

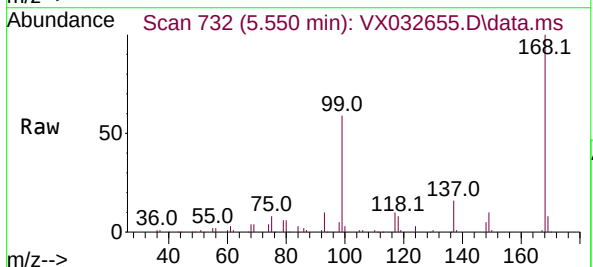
Instrument :
MSVOA_X
ClientSampleId :



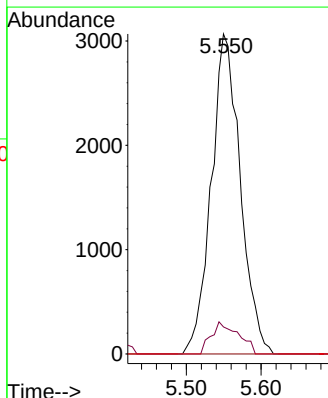
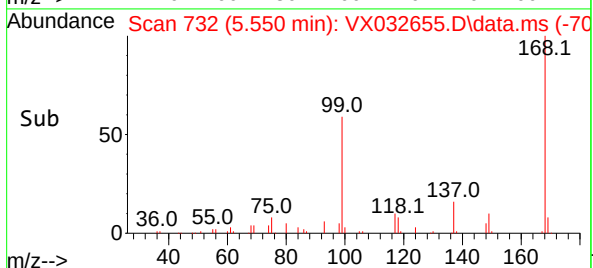
Tgt Ion:113 Resp: 59078
Ion Ratio Lower Upper
113 100
111 101.9 82.4 123.6
192 19.0 15.4 23.2

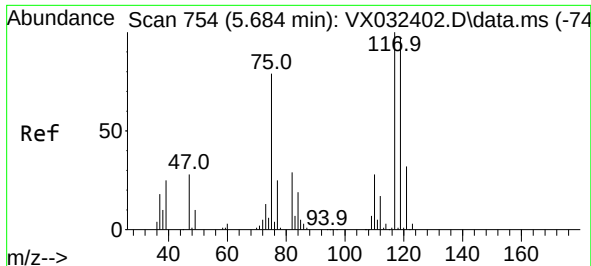


#36
1,1-Dichloropropene
Concen: 4.640 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032655.D
Acq: 08 Nov 2022 15:40



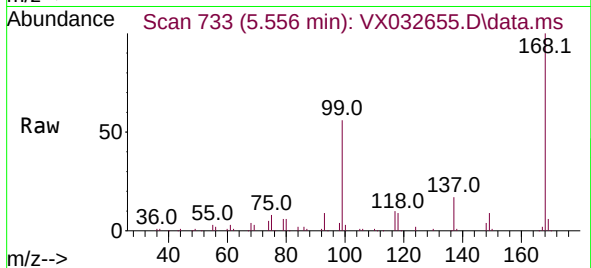
Tgt Ion: 75 Resp: 8281
Ion Ratio Lower Upper
75 100
110 9.4 18.4 55.2#
77 0.0 24.5 36.7#



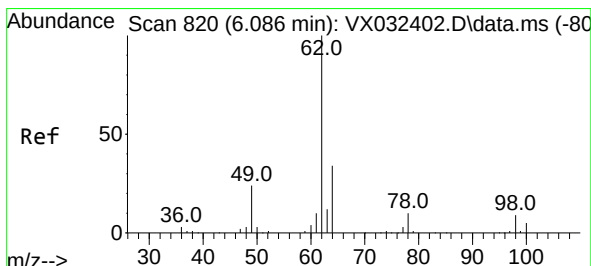
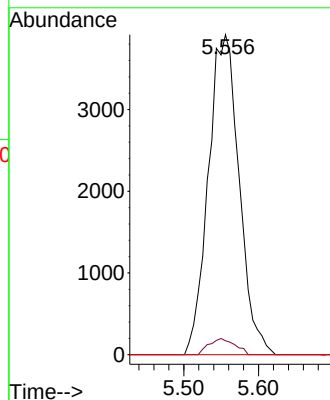
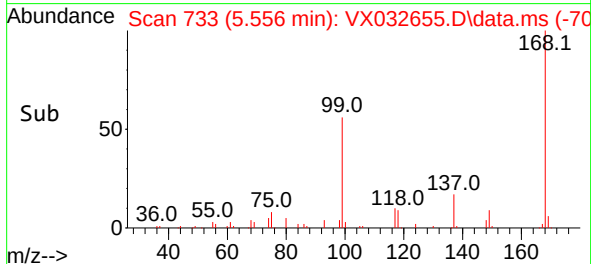


#38
Carbon Tetrachloride
Concen: 5.667 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX032655.D
Acq: 08 Nov 2022 15:40

Instrument :
MSVOA_X
ClientSampleId :

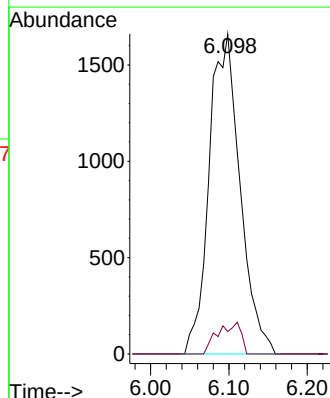
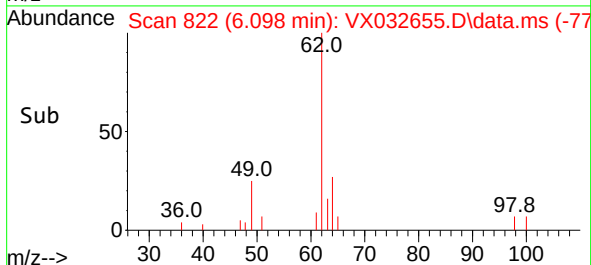
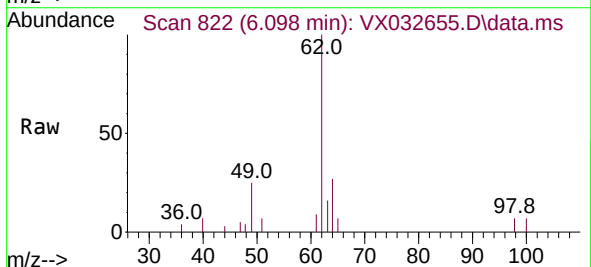


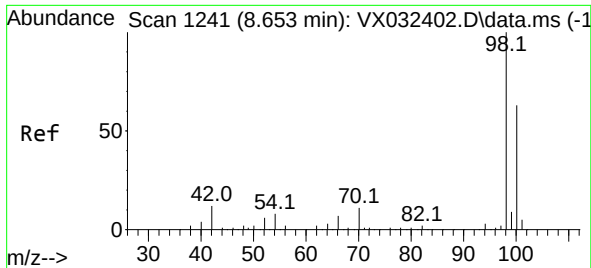
Tgt Ion:117 Resp: 11219
Ion Ratio Lower Upper
117 100
119 4.4 77.2 115.8#
121 0.0 25.8 38.6#



#42
1,2-Dichloroethane
Concen: 2.203 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.012 min
Lab File: VX032655.D
Acq: 08 Nov 2022 15:40

Tgt Ion: 62 Resp: 4549
Ion Ratio Lower Upper
62 100
98 7.4 0.0 16.0

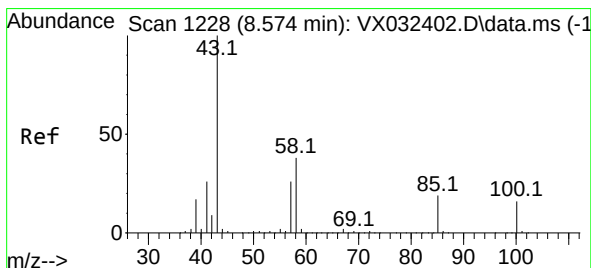
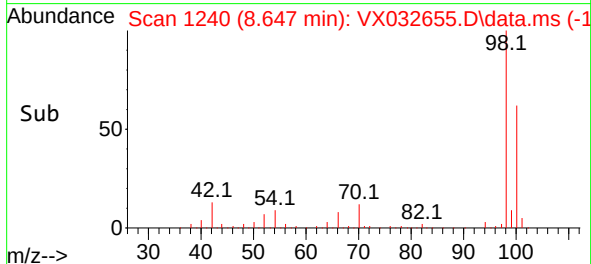
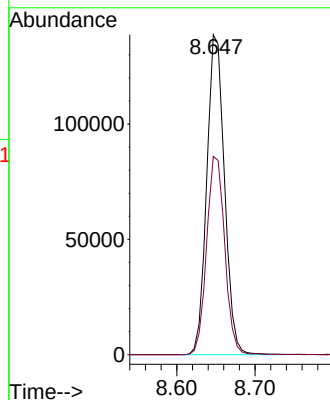
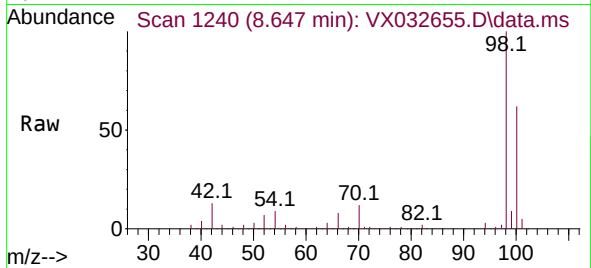




#50
Toluene-d8
Concen: 48.837 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032655.D
Acq: 08 Nov 2022 15:40

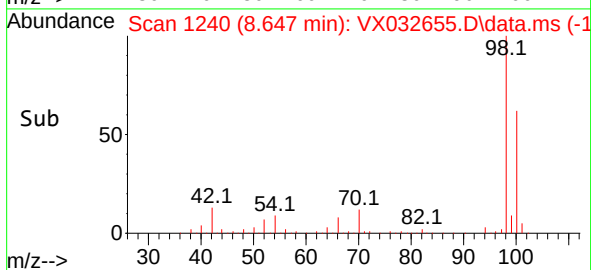
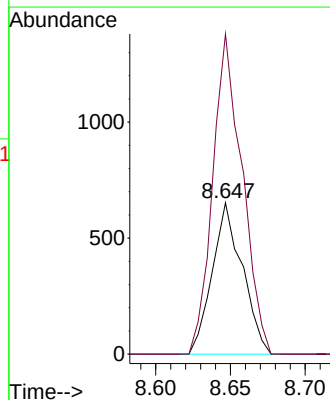
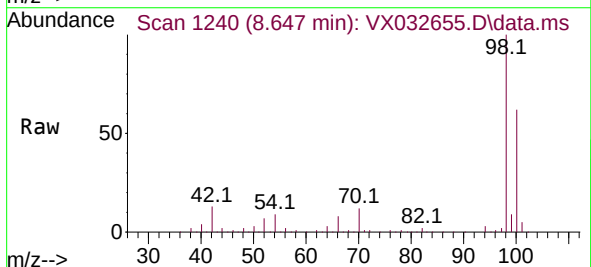
Instrument :
MSVOA_X
ClientSampleId :

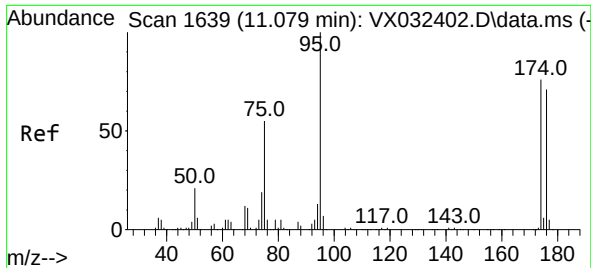
Tgt Ion: 98 Resp: 217660
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.508 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032655.D
Acq: 08 Nov 2022 15:40

Tgt Ion: 43 Resp: 913
Ion Ratio Lower Upper
43 100
58 207.1 30.9 46.3#

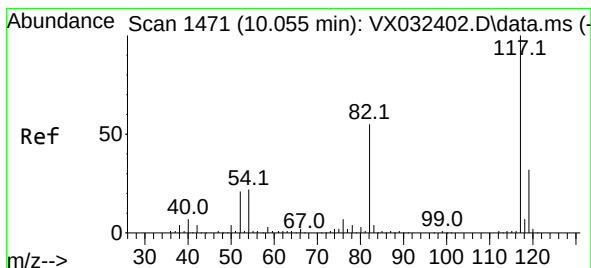
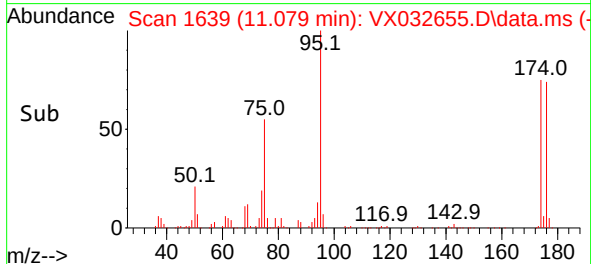
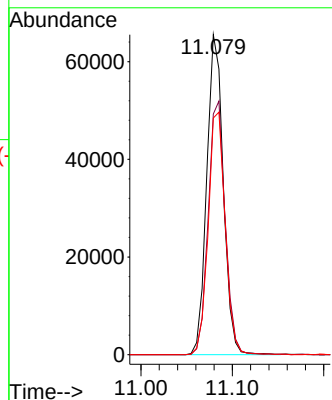
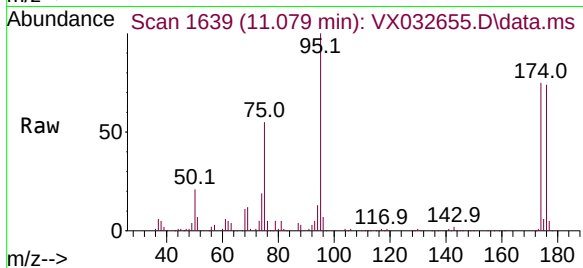




#62
4-Bromofluorobenzene
Concen: 47.178 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032655.D
Acq: 08 Nov 2022 15:40

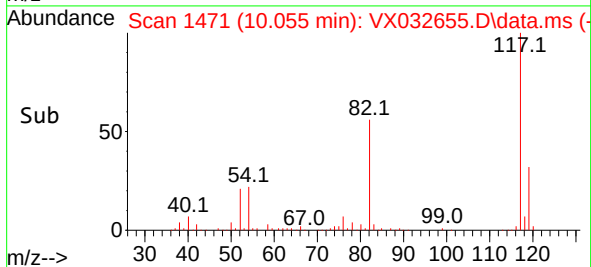
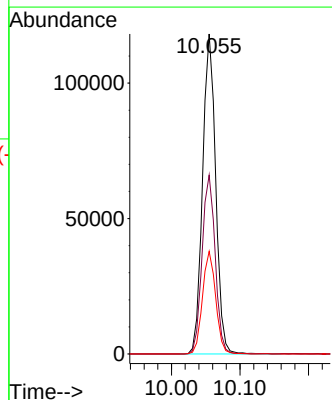
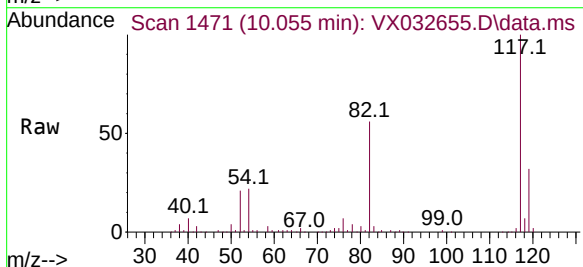
Instrument :
MSVOA_X
ClientSampleId :

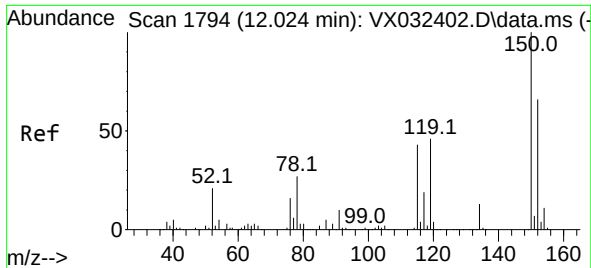
Tgt Ion: 95 Resp: 82134
Ion Ratio Lower Upper
95 100
174 81.5 0.0 164.0
176 78.2 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032655.D
Acq: 08 Nov 2022 15:40

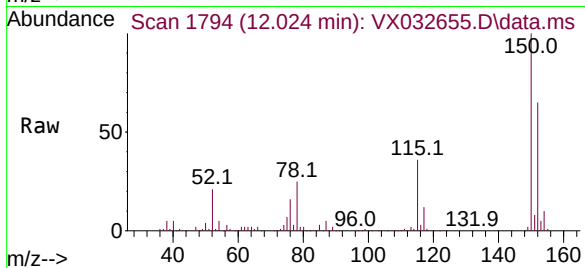
Tgt Ion: 117 Resp: 157482
Ion Ratio Lower Upper
117 100
82 55.9 44.3 66.5
119 32.1 25.7 38.5



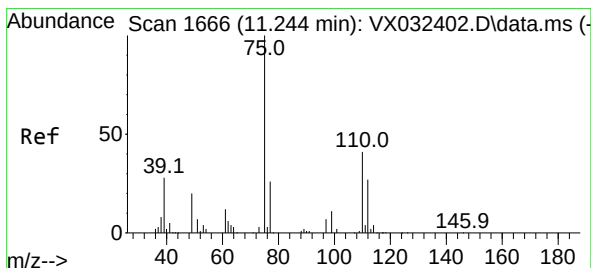
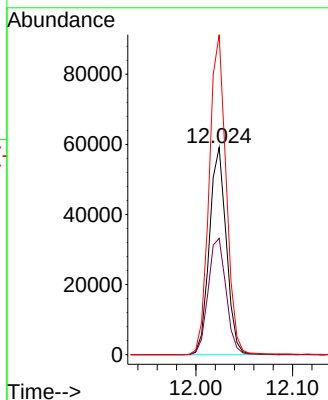
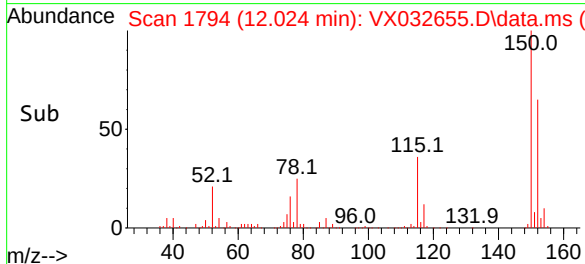


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX032655.D
 Acq: 08 Nov 2022 15:40

Instrument :
 MSVOA_X
 ClientSampleId :

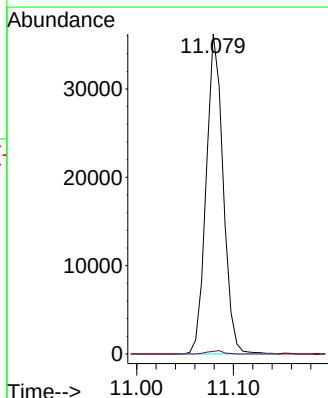
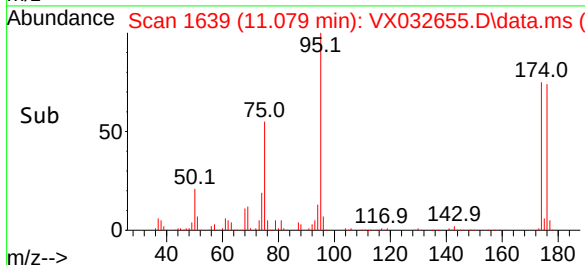
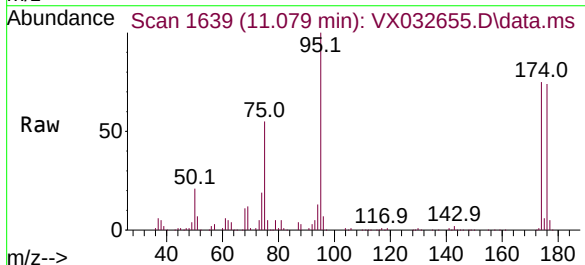


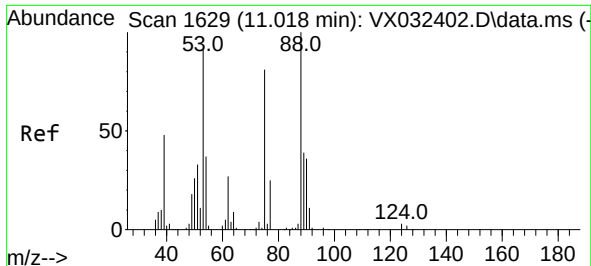
Tgt Ion:152 Resp: 72049
 Ion Ratio Lower Upper
 152 100
 115 59.6 44.0 132.0
 150 154.7 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 27.610 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX032655.D
 Acq: 08 Nov 2022 15:40

Tgt Ion: 75 Resp: 44257
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.0 60.0#

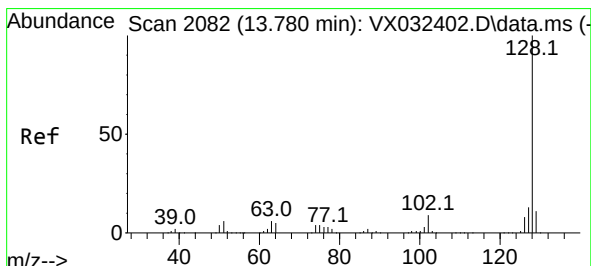
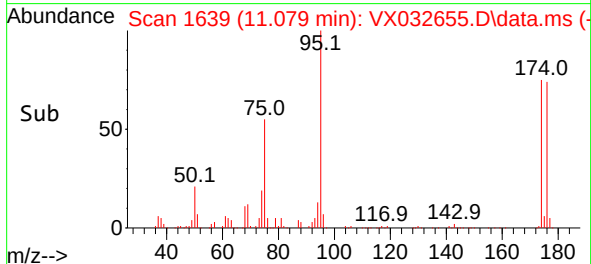
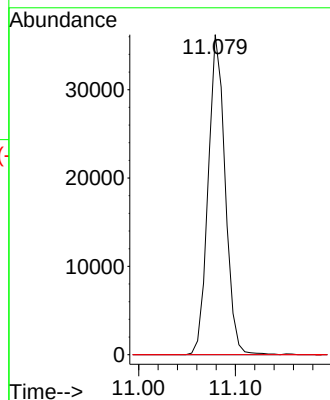
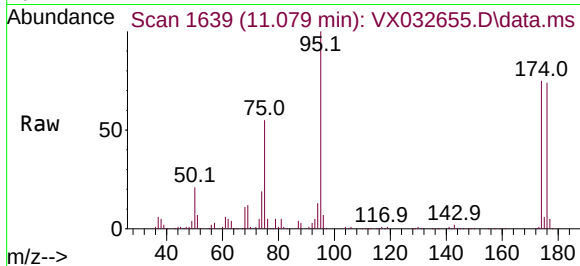




#81
trans-1,4-Dichloro-2-butene
Concen: 87.857 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032655.D
Acq: 08 Nov 2022 15:40

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 44257
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#



#95
Naphthalene
Concen: 0.254 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX032655.D
Acq: 08 Nov 2022 15:40

Tgt Ion: 128 Resp: 1437
Ion Ratio Lower Upper
128 100
127 11.2 10.2 15.4
129 4.9 8.9 13.3#

