

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092922\
 Data File : VX031775.D
 Acq On : 29 Sep 2022 15:56
 Operator : JC/MD
 Sample : N4860-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-06

Quant Time: Sep 30 04:33:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

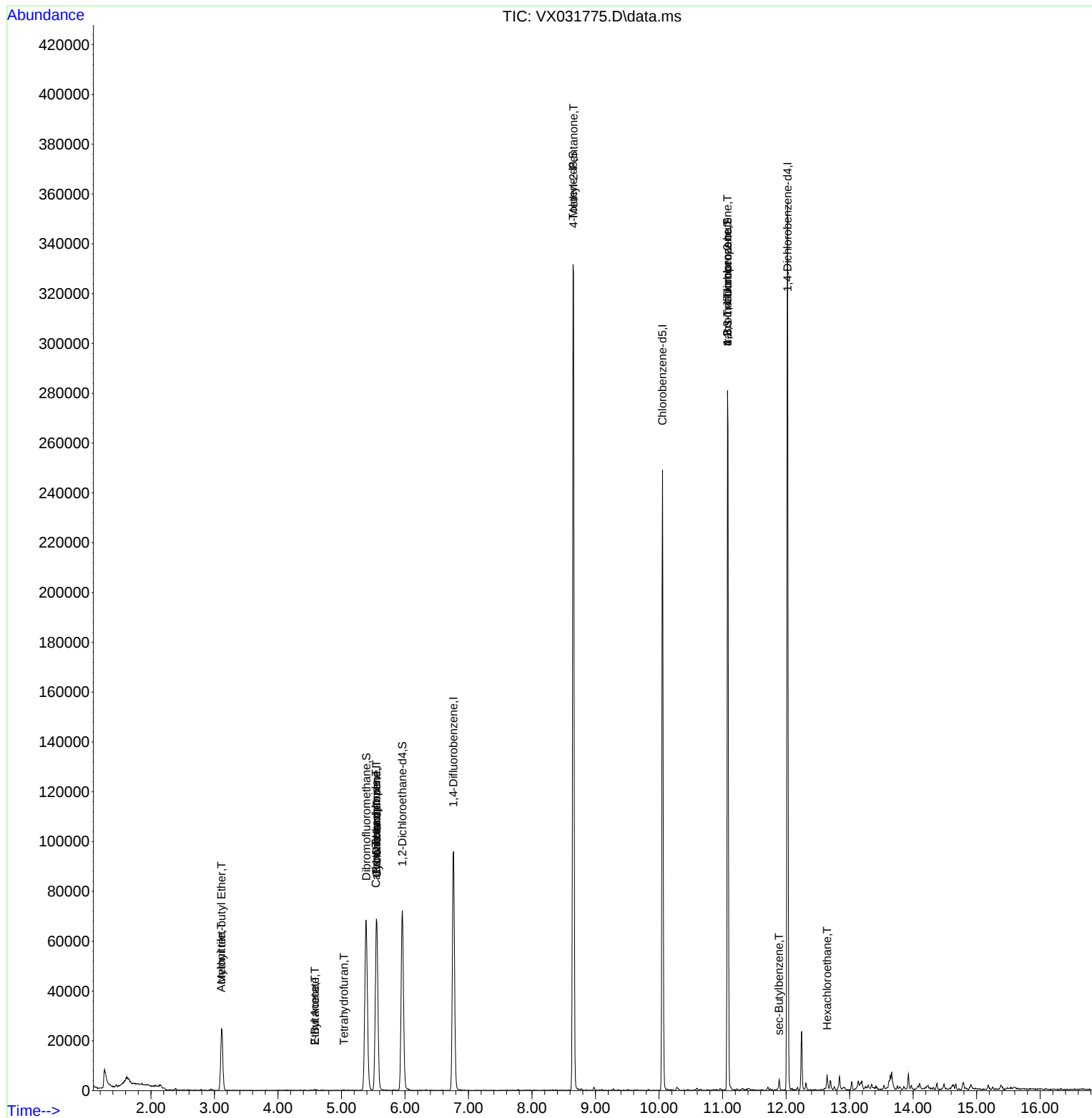
Internal Standards						
1) Pentafluorobenzene	5.550	168	66481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	103550	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72005	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68449	48.511	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.020%
35) Dibromofluoromethane	5.391	113	58313	47.262	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.520%
50) Toluene-d8	8.647	98	203373	45.466	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.940%
62) 4-Bromofluorobenzene	11.079	95	72746	44.372	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.740%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	231	Below Cal	#	41
5) Bromomethane	1.618	94	372	Below Cal	#	56
6) Chloroethane	1.715	64	335	Below Cal	#	82
11) Tert butyl alcohol	2.995	59	21	Below Cal	#	73
15) Acrylonitrile	3.105	53	355	0.725	ug/l #	27
16) Acetone	2.386	43	700	Below Cal		91
17) Carbon Disulfide	2.502	76	177	Below Cal	#	75
19) Methyl tert-butyl Ether	3.111	73	28626	9.121	ug/l	93
20) Methylene Chloride	2.782	84	195	Below Cal	#	41
25) 2-Butanone	4.580	43	293	0.435	ug/l #	49
29) Tetrahydrofuran	5.038	42	129	0.305	ug/l #	32
31) Cyclohexane	5.556	56	1305	0.973	ug/l #	21
36) 1,1-Dichloropropene	5.550	75	5141	3.628	ug/l #	52
37) Ethyl Acetate	4.580	43	293	0.205	ug/l #	68
38) Carbon Tetrachloride	5.544	117	6788	4.251	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	865	0.608	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	38511	29.502	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	38511	97.292	ug/l #	11
85) sec-Butylbenzene	11.890	105	2242	0.463	ug/l	96
90) Hexachloroethane	12.646	117	1721	2.573	ug/l #	15

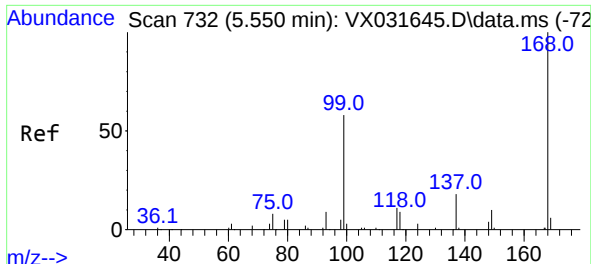
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092922\
Data File : VX031775.D
Acq On : 29 Sep 2022 15:56
Operator : JC/MD
Sample : N4860-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-06

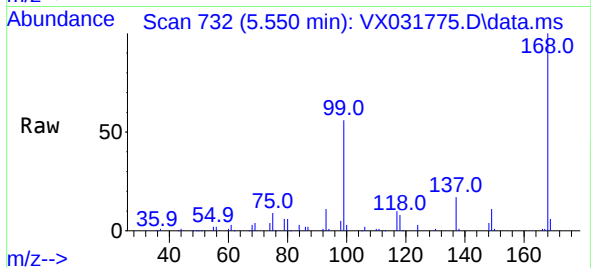
Quant Time: Sep 30 04:33:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 27 01:44:18 2022
Response via : Initial Calibration



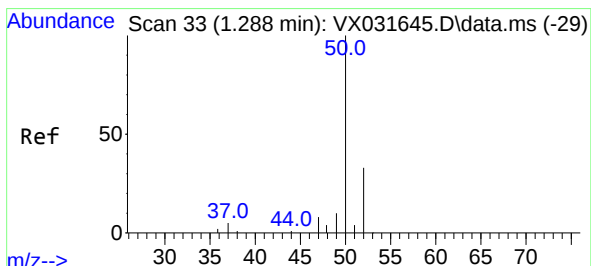
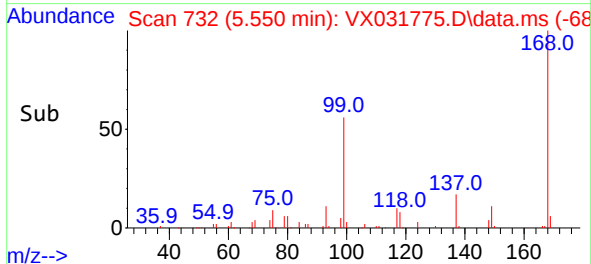
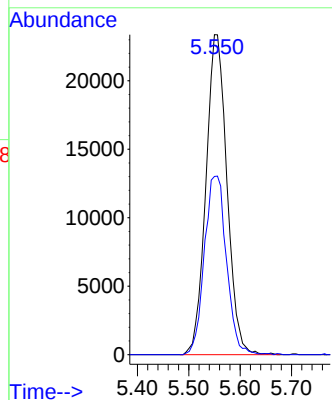


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031775.D
Acq: 29 Sep 2022 15:56

Instrument :
MSVOA_X
ClientSampleId :
MW-06

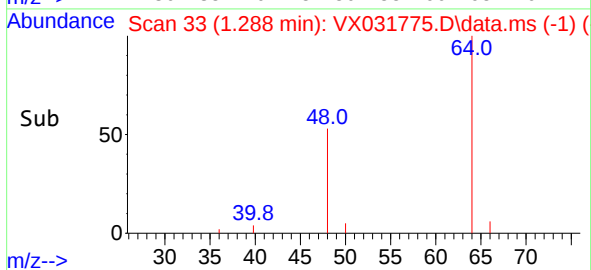
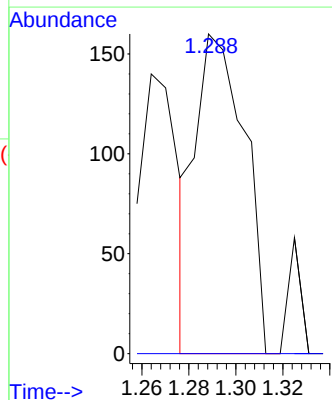
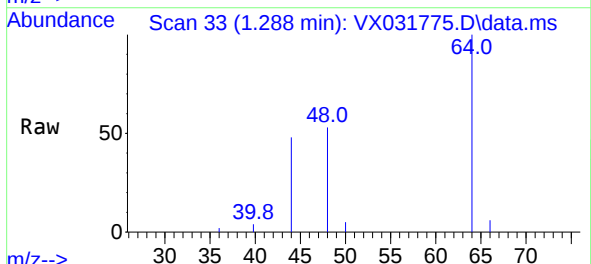


Tgt Ion:168 Resp: 66481
Ion Ratio Lower Upper
168 100
99 55.7 48.8 73.2

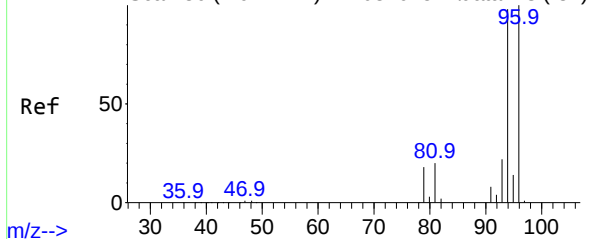


#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031775.D
Acq: 29 Sep 2022 15:56

Tgt Ion: 50 Resp: 231
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#



Abundance Scan 86 (1.611 min): VX031645.D\data.ms (-81)



#5

Bromomethane

Concen: Below Cal

RT: 1.618 min Scan# 81

Delta R.T. 0.007 min

Lab File: VX031775.D

Acq: 29 Sep 2022 15:56

Instrument :

MSVOA_X

ClientSampleId :

MW-06

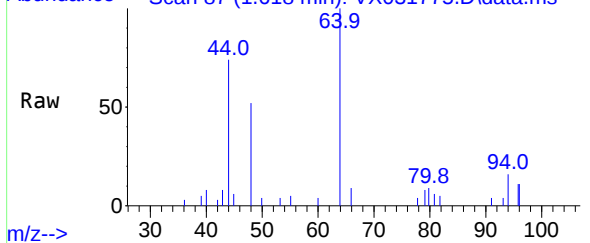
Tgt Ion: 94 Resp: 372

Ion Ratio Lower Upper

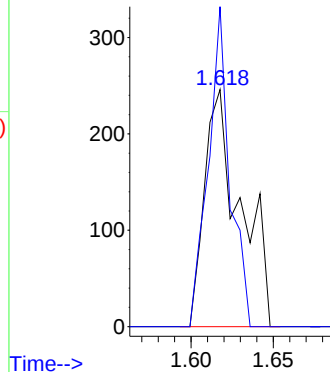
94 100

96 135.0 74.4 111.6#

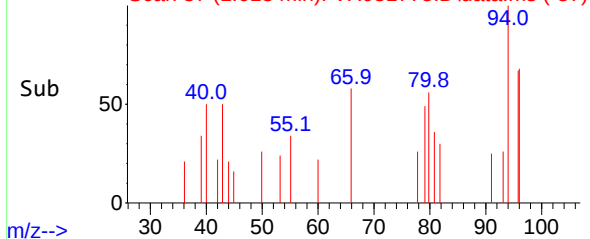
Abundance Scan 87 (1.618 min): VX031775.D\data.ms



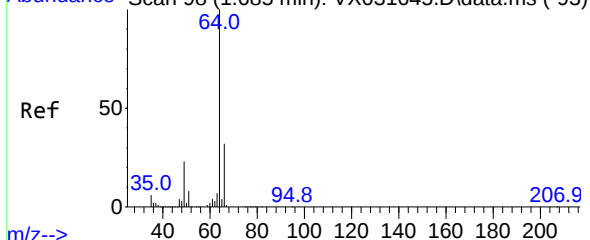
Abundance



Abundance Scan 87 (1.618 min): VX031775.D\data.ms (-37)



Abundance Scan 98 (1.685 min): VX031645.D\data.ms (-93)



#6

Chloroethane

Concen: Below Cal

RT: 1.715 min Scan# 103

Delta R.T. 0.030 min

Lab File: VX031775.D

Acq: 29 Sep 2022 15:56

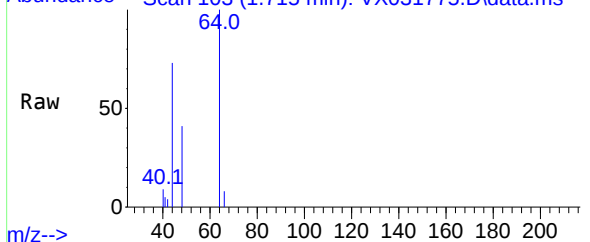
Tgt Ion: 64 Resp: 335

Ion Ratio Lower Upper

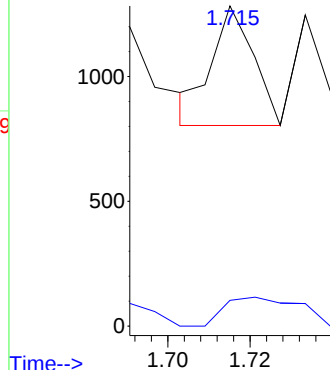
64 100

66 21.5 25.0 37.4#

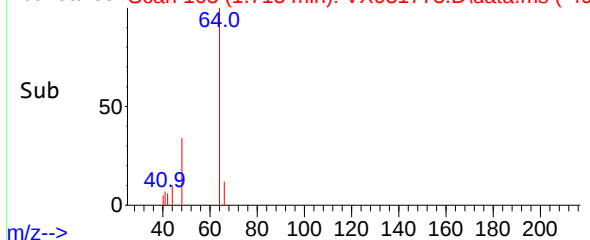
Abundance Scan 103 (1.715 min): VX031775.D\data.ms

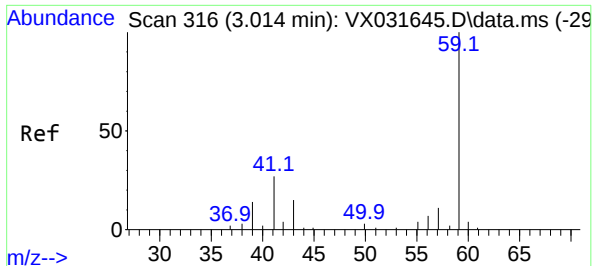


Abundance



Abundance Scan 103 (1.715 min): VX031775.D\data.ms (-49)





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.995 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX031775.D

Acq: 29 Sep 2022 15:56

Instrument :

MSVOA_X

ClientSampleId :

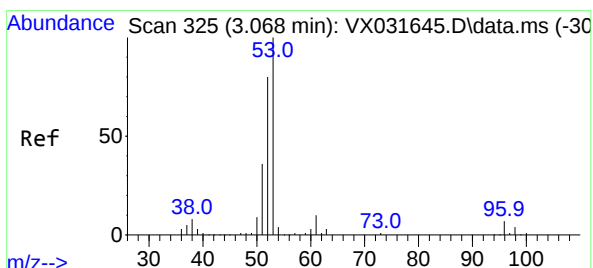
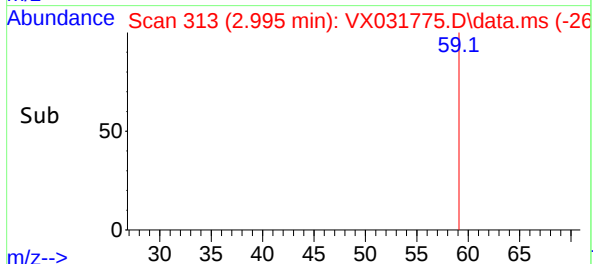
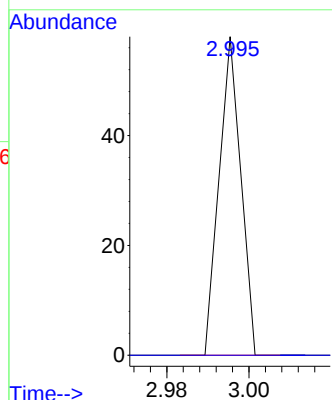
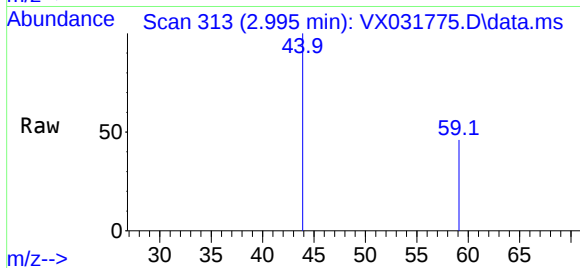
MW-06

Tgt Ion: 59 Resp: 21

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#15

Acrylonitrile

Concen: 0.725 ug/l

RT: 3.105 min Scan# 331

Delta R.T. 0.036 min

Lab File: VX031775.D

Acq: 29 Sep 2022 15:56

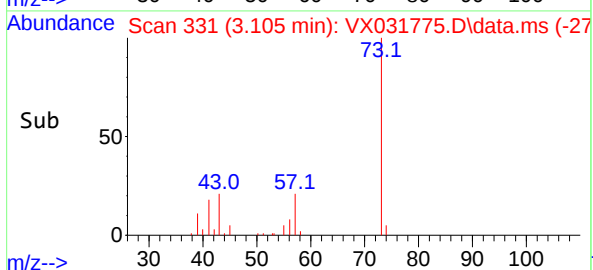
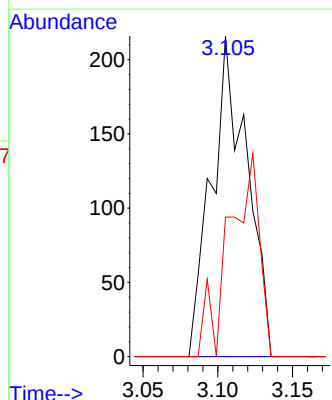
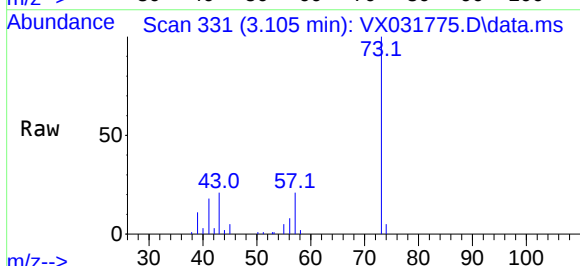
Tgt Ion: 53 Resp: 355

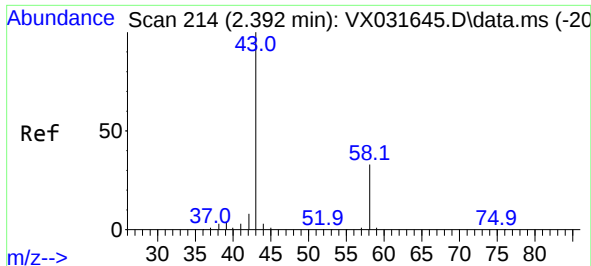
Ion Ratio Lower Upper

53 100

52 0.0 66.9 100.3#

51 54.6 30.0 45.0#

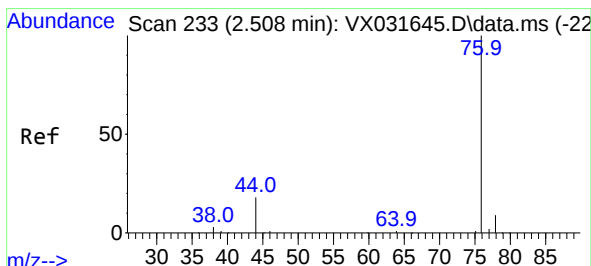
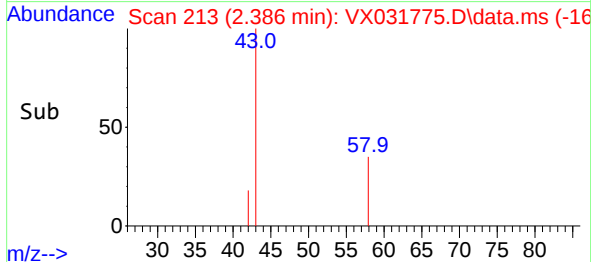
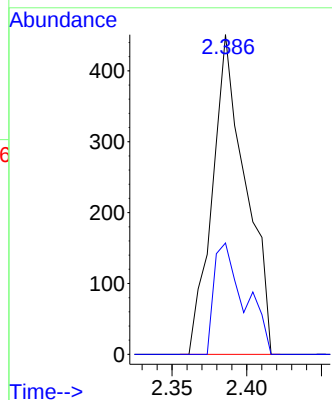
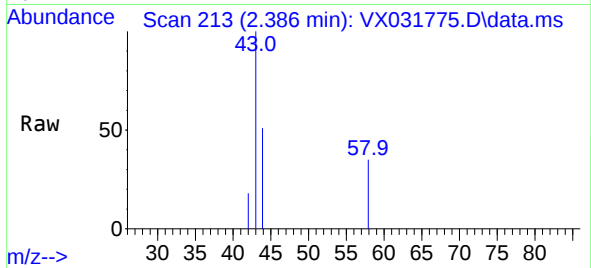




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031775.D
Acq: 29 Sep 2022 15:56

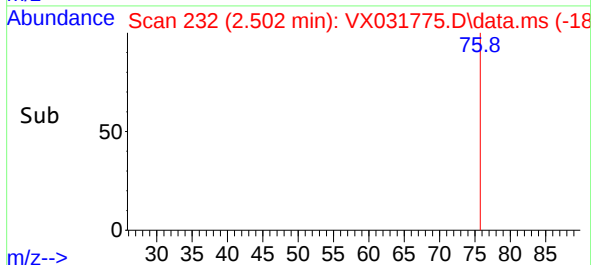
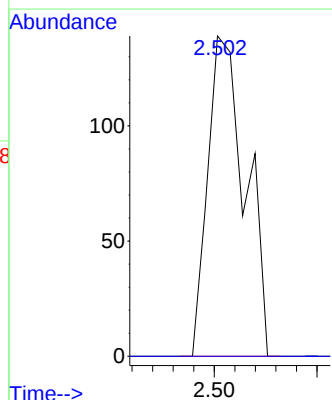
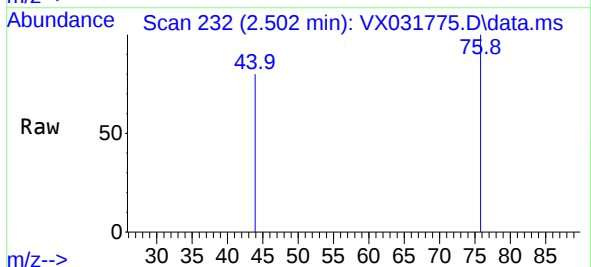
Instrument :
MSVOA_X
ClientSampleId :
MW-06

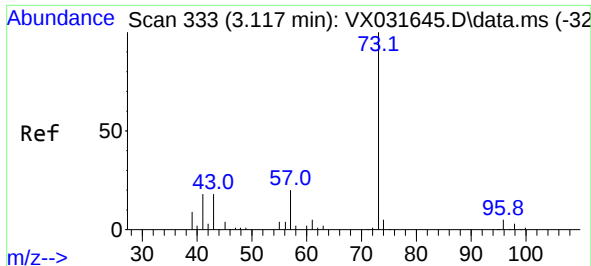
Tgt Ion: 43 Resp: 700
Ion Ratio Lower Upper
43 100
58 34.8 23.8 35.8



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.502 min Scan# 232
Delta R.T. -0.012 min
Lab File: VX031775.D
Acq: 29 Sep 2022 15:56

Tgt Ion: 76 Resp: 177
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#19

Methyl tert-butyl Ether

Concen: 9.121 ug/l

RT: 3.111 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX031775.D

Acq: 29 Sep 2022 15:56

Instrument :

MSVOA_X

ClientSampleId :

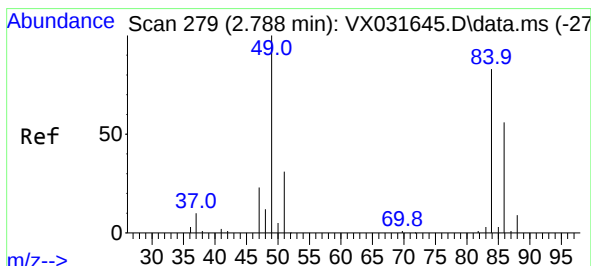
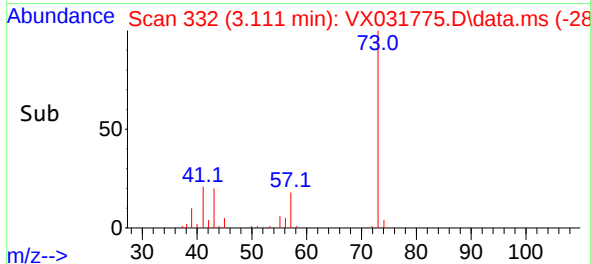
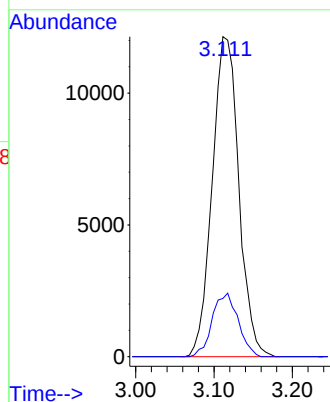
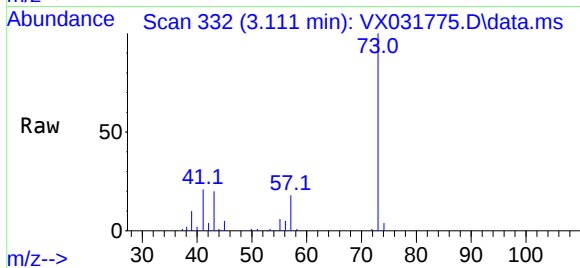
MW-06

Tgt Ion: 73 Resp: 28626

Ion Ratio Lower Upper

73 100

57 18.2 17.2 25.8



#20

Methylene Chloride

Concen: Below Cal

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX031775.D

Acq: 29 Sep 2022 15:56

Tgt Ion: 84 Resp: 195

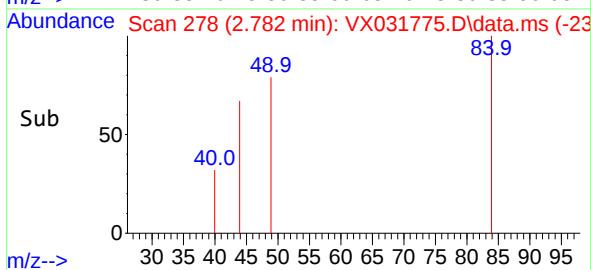
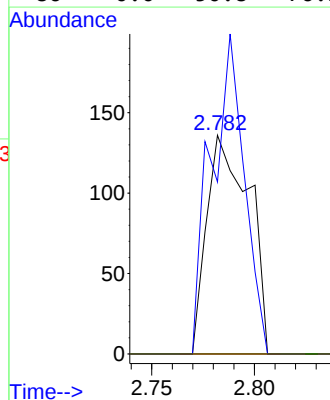
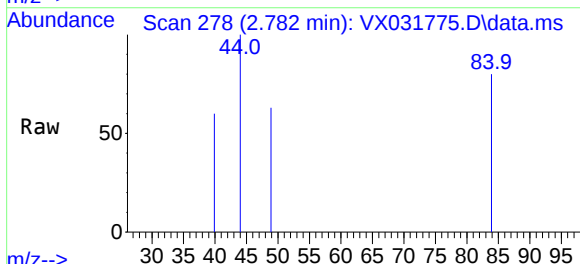
Ion Ratio Lower Upper

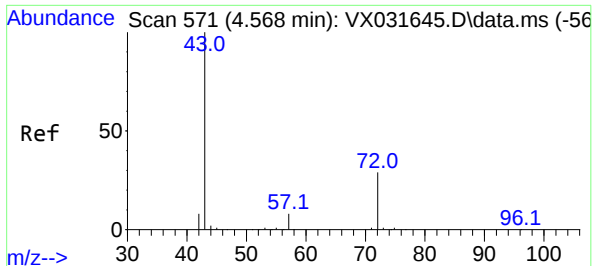
84 100

49 78.7 105.9 158.9#

51 0.0 32.2 48.2#

86 0.0 50.8 76.2#





#25

2-Butanone

Concen: 0.435 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX031775.D

Acq: 29 Sep 2022 15:56

Instrument :

MSVOA_X

ClientSampleId :

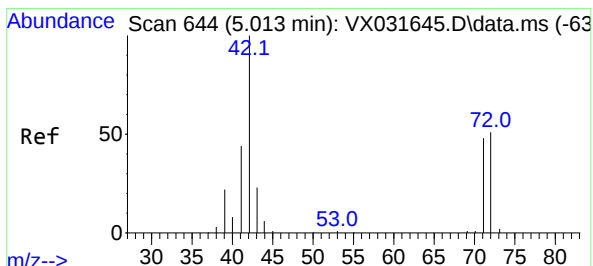
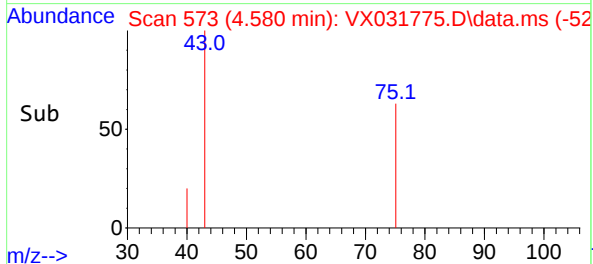
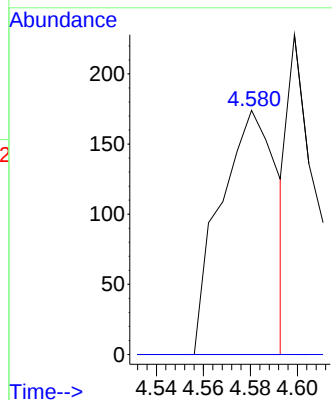
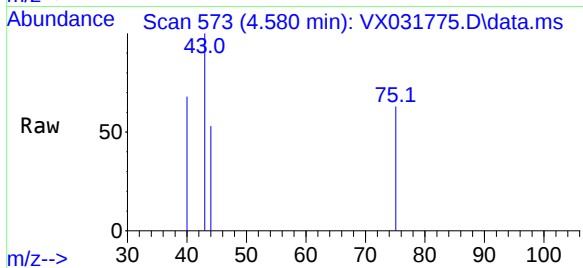
MW-06

Tgt Ion: 43 Resp: 293

Ion Ratio Lower Upper

43 100

72 0.0 21.1 31.7#



#29

Tetrahydrofuran

Concen: 0.305 ug/l

RT: 5.038 min Scan# 648

Delta R.T. 0.025 min

Lab File: VX031775.D

Acq: 29 Sep 2022 15:56

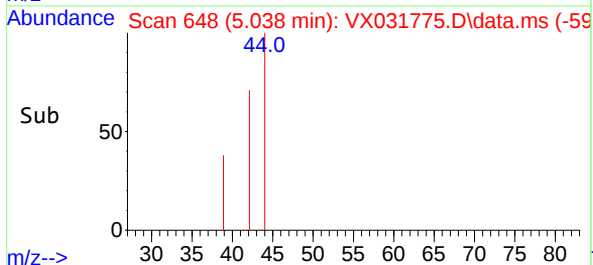
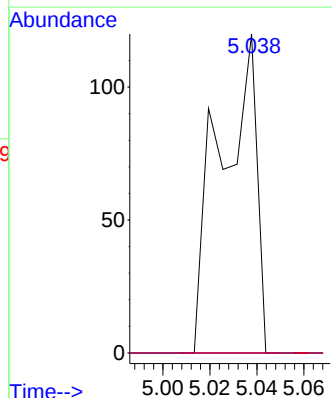
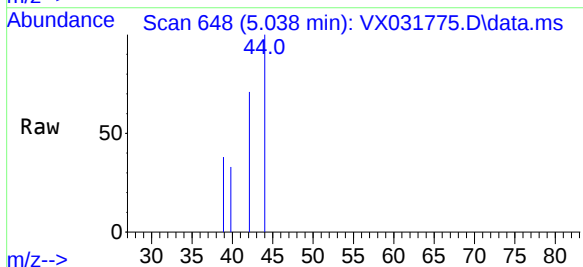
Tgt Ion: 42 Resp: 129

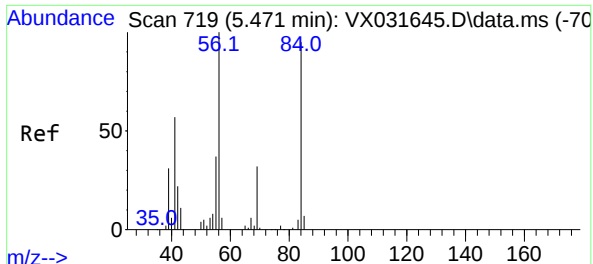
Ion Ratio Lower Upper

42 100

72 0.0 36.4 54.6#

71 0.0 33.5 50.3#

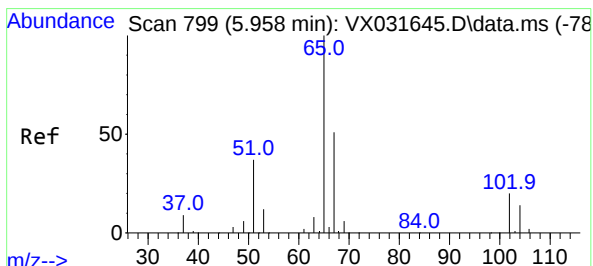
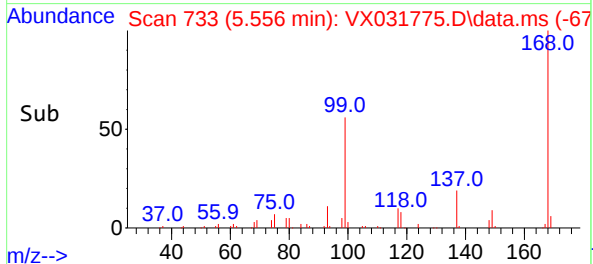
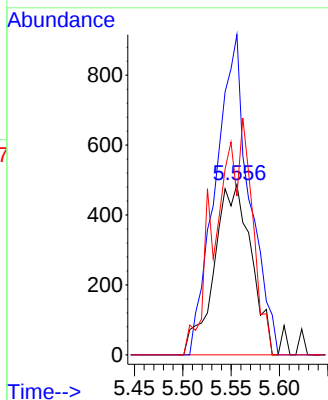
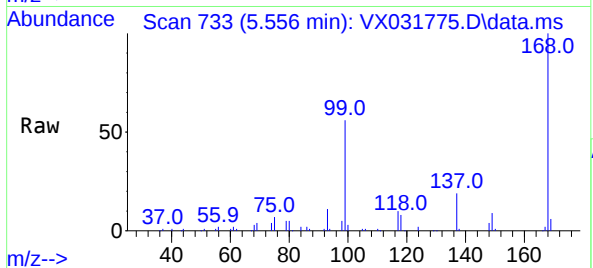




#31
Cyclohexane
Concen: 0.973 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX031775.D
Acq: 29 Sep 2022 15:56

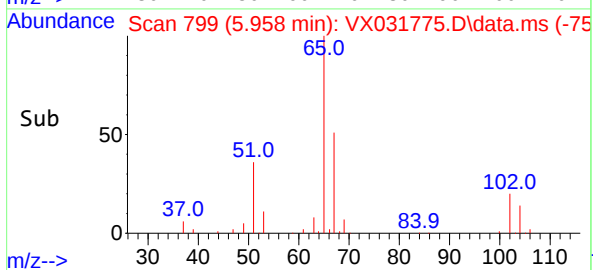
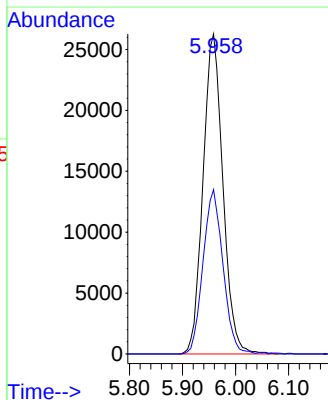
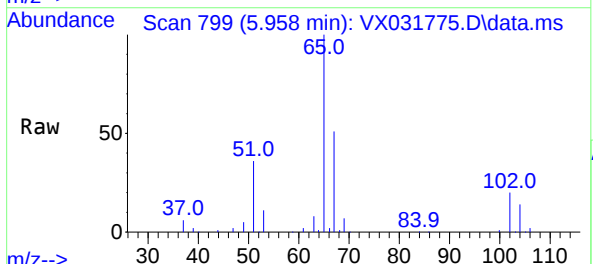
Instrument :
MSVOA_X
ClientSampleId :
MW-06

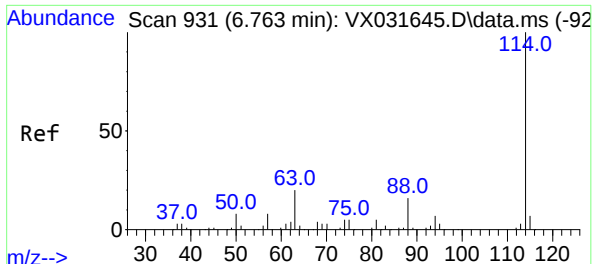
Tgt Ion: 56 Resp: 1305
Ion Ratio Lower Upper
56 100
69 188.1 25.1 37.7#
84 93.2 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 48.511 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031775.D
Acq: 29 Sep 2022 15:56

Tgt Ion: 65 Resp: 68449
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.4

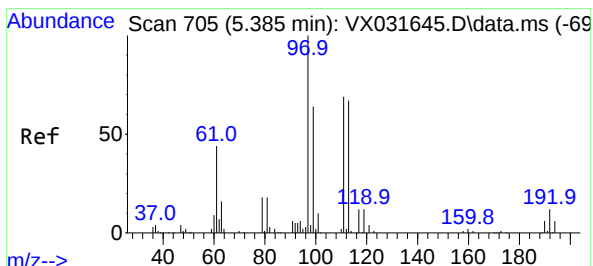
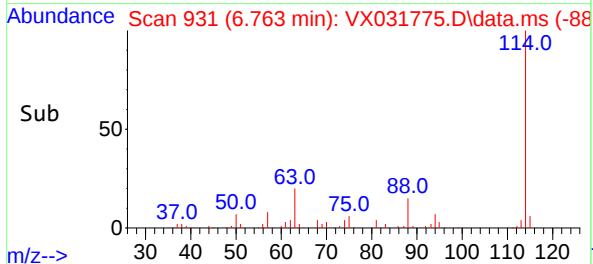
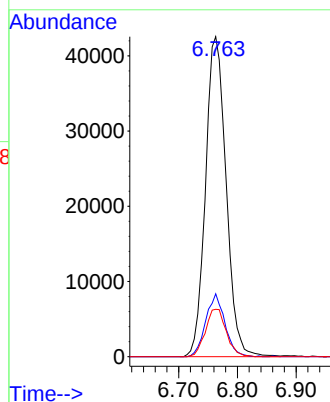
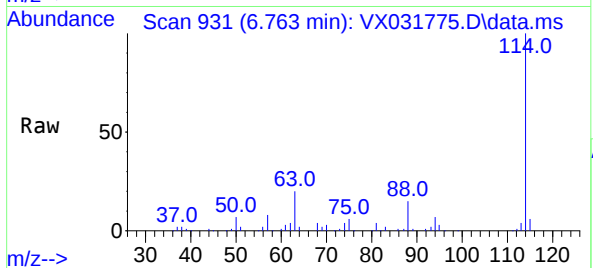




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX031775.D
Acq: 29 Sep 2022 15:56

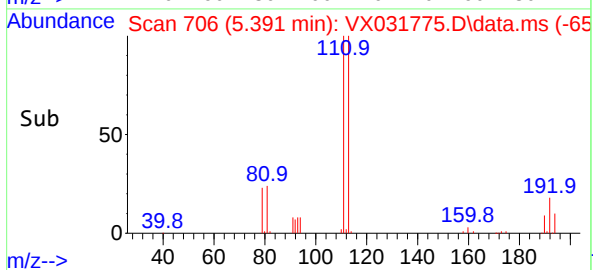
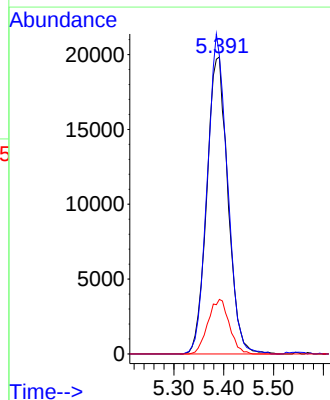
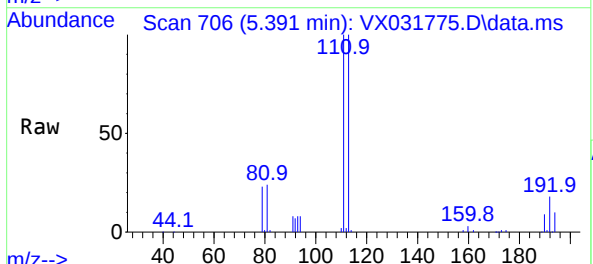
Instrument :
MSVOA_X
ClientSampleId :
MW-06

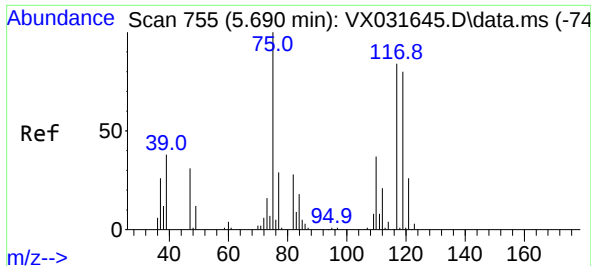
Tgt Ion:114 Resp: 103550
Ion Ratio Lower Upper
114 100
63 19.7 0.0 42.6
88 14.8 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.262 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031775.D
Acq: 29 Sep 2022 15:56

Tgt Ion:113 Resp: 58313
Ion Ratio Lower Upper
113 100
111 102.6 82.4 123.6
192 18.5 14.1 21.1

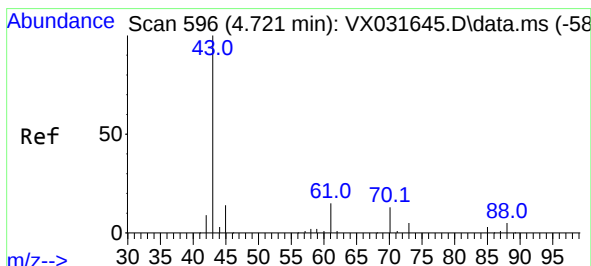
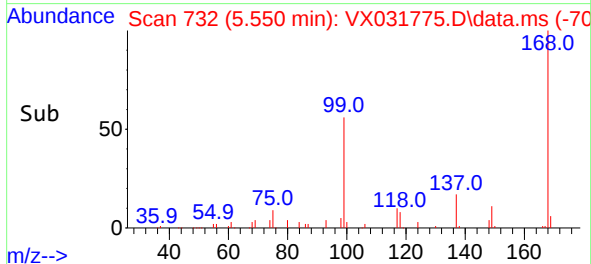
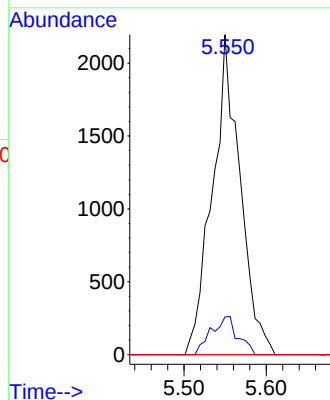
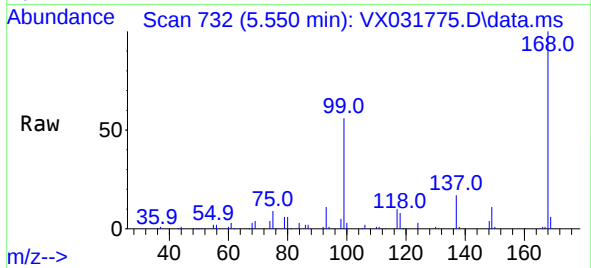




#36
1,1-Dichloropropene
Concen: 3.628 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX031775.D
Acq: 29 Sep 2022 15:56

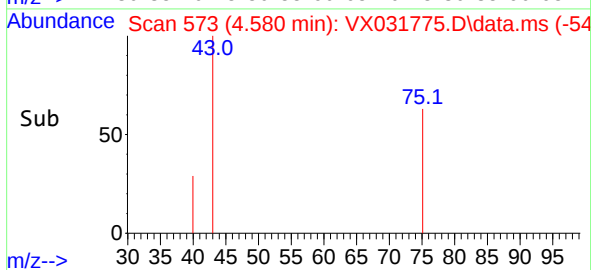
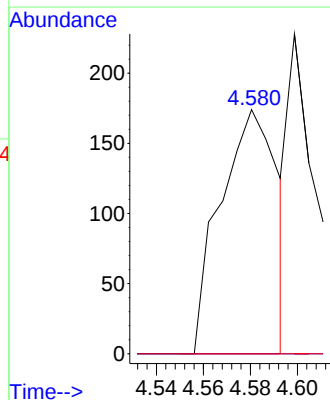
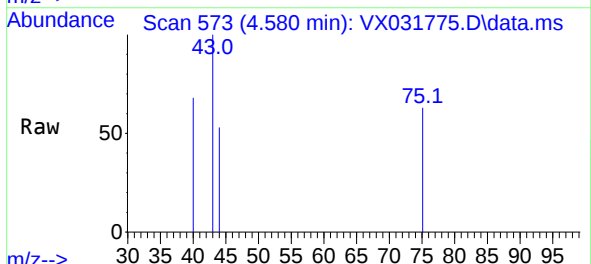
Instrument :
MSVOA_X
ClientSampleId :
MW-06

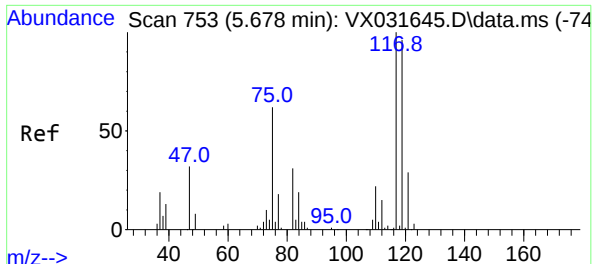
Tgt Ion: 75 Resp: 5141
Ion Ratio Lower Upper
75 100
110 11.4 17.5 52.5#
77 0.0 24.9 37.3#



#37
Ethyl Acetate
Concen: 0.205 ug/l
RT: 4.580 min Scan# 573
Delta R.T. -0.141 min
Lab File: VX031775.D
Acq: 29 Sep 2022 15:56

Tgt Ion: 43 Resp: 293
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 0.0 8.6 13.0#

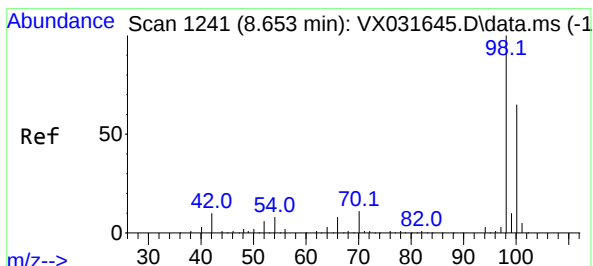
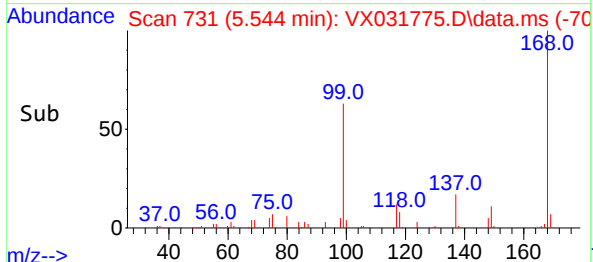
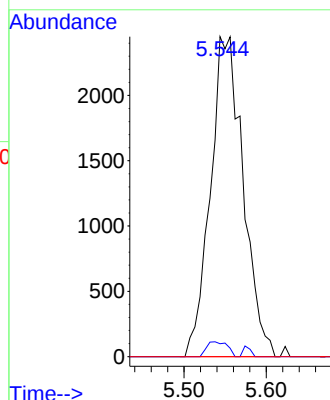
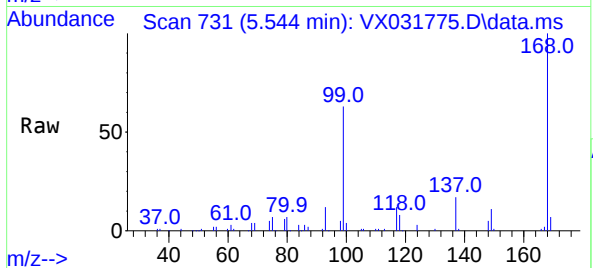




#38
Carbon Tetrachloride
Concen: 4.251 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX031775.D
Acq: 29 Sep 2022 15:56

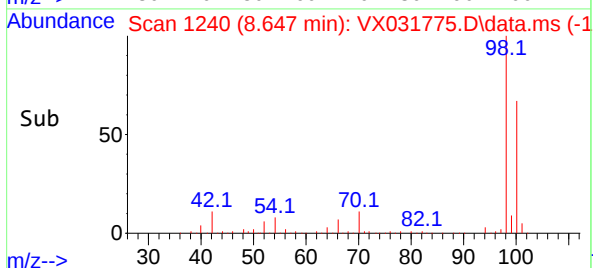
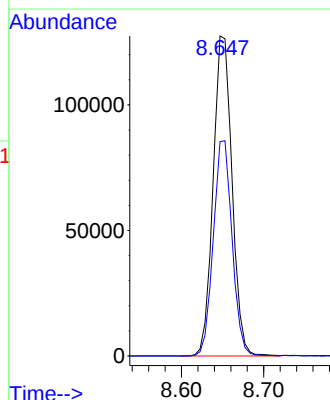
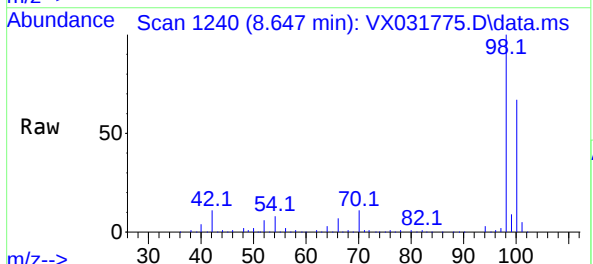
Instrument :
MSVOA_X
ClientSampleId :
MW-06

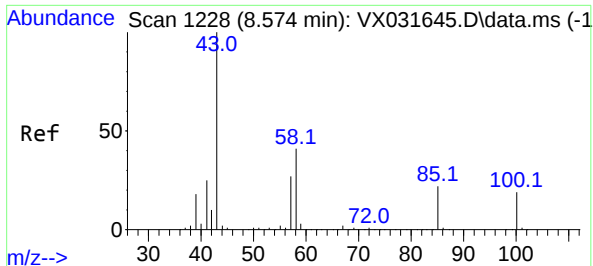
Tgt Ion:117 Resp: 6788
Ion Ratio Lower Upper
117 100
119 4.0 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 45.466 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031775.D
Acq: 29 Sep 2022 15:56

Tgt Ion: 98 Resp: 203373
Ion Ratio Lower Upper
98 100
100 67.0 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.608 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX031775.D

Acq: 29 Sep 2022 15:56

Instrument :

MSVOA_X

ClientSampleId :

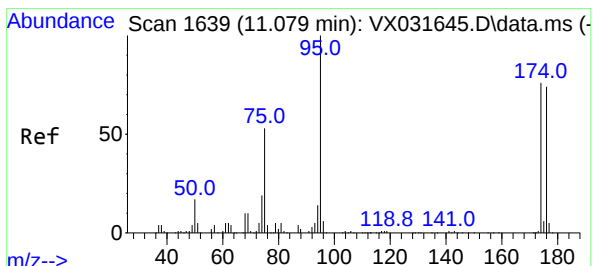
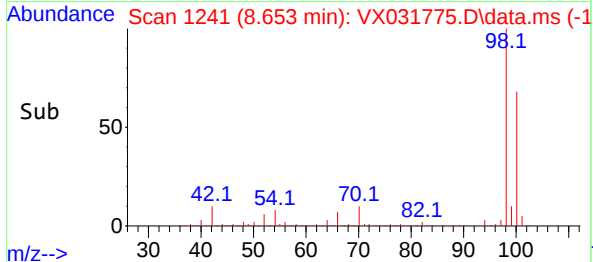
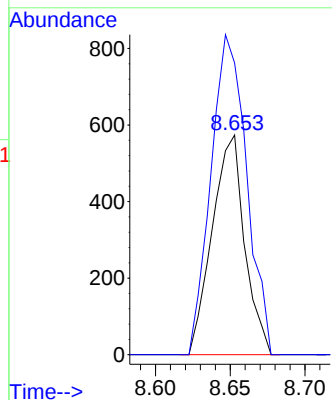
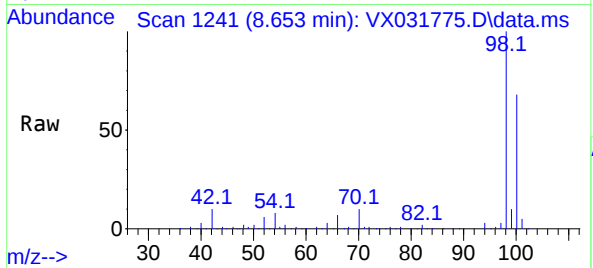
MW-06

Tgt Ion: 43 Resp: 865

Ion Ratio Lower Upper

43 100

58 160.5 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 44.372 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031775.D

Acq: 29 Sep 2022 15:56

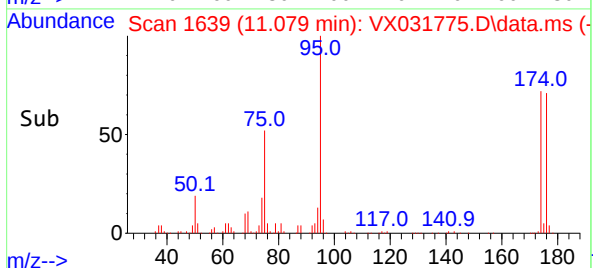
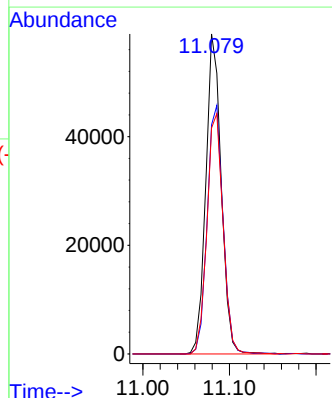
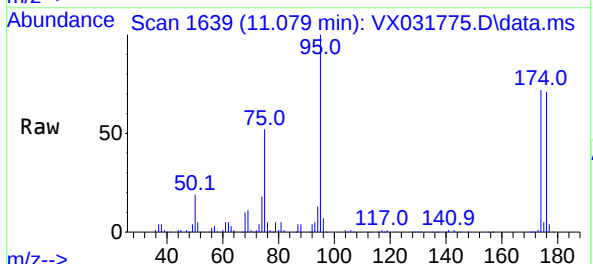
Tgt Ion: 95 Resp: 72746

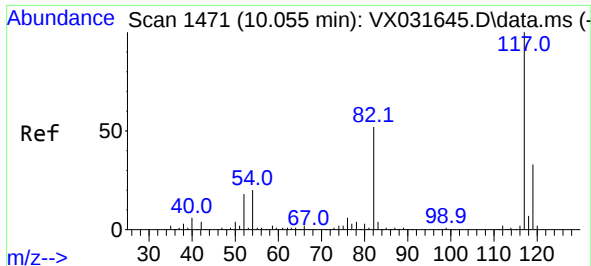
Ion Ratio Lower Upper

95 100

174 79.8 0.0 153.2

176 78.7 0.0 144.0

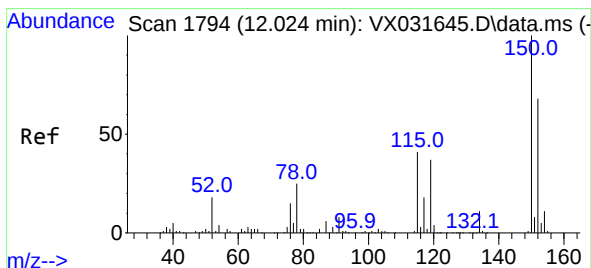
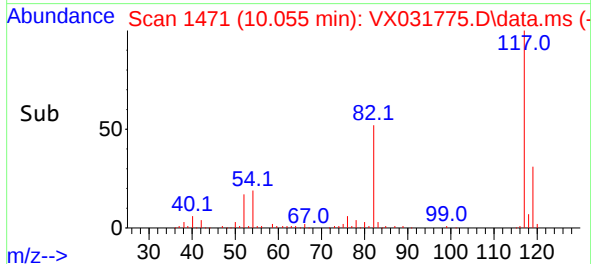
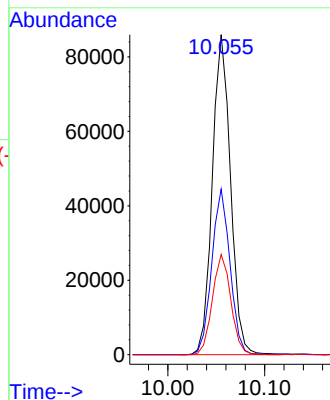
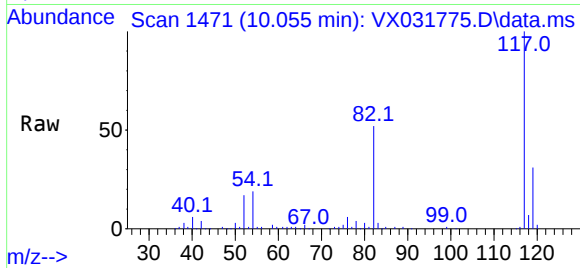




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031775.D
Acq: 29 Sep 2022 15:56

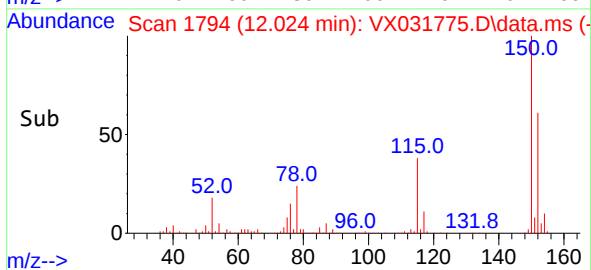
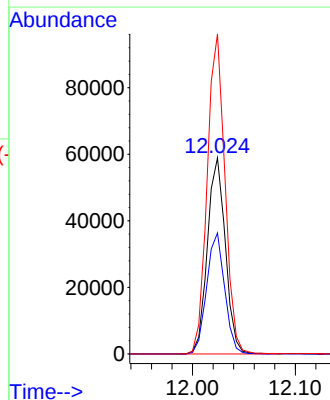
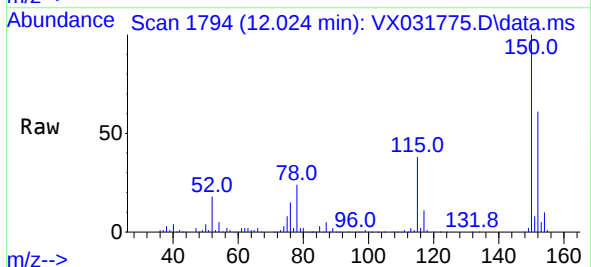
Instrument :
MSVOA_X
ClientSampleId :
MW-06

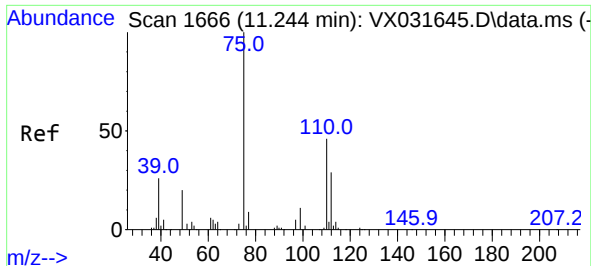
Tgt Ion:117 Resp: 112490
Ion Ratio Lower Upper
117 100
82 51.8 46.8 70.2
119 31.3 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031775.D
Acq: 29 Sep 2022 15:56

Tgt Ion:152 Resp: 72005
Ion Ratio Lower Upper
152 100
115 61.6 43.4 130.1
150 160.7 0.0 346.8

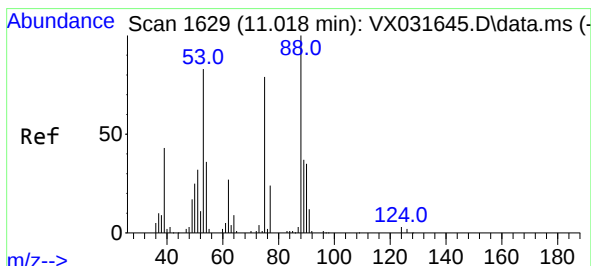
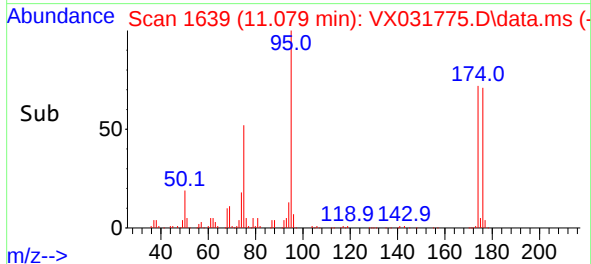
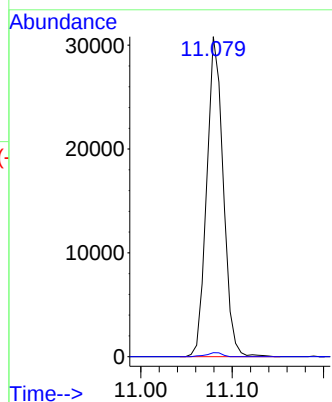
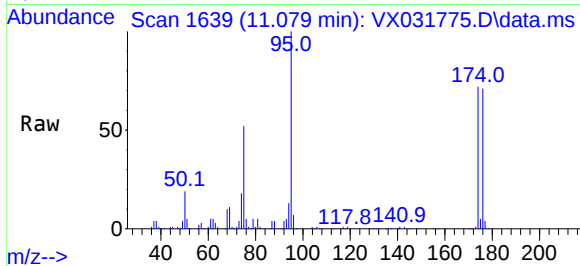




#76
1,2,3-Trichloropropane
Concen: 29.502 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031775.D
Acq: 29 Sep 2022 15:56

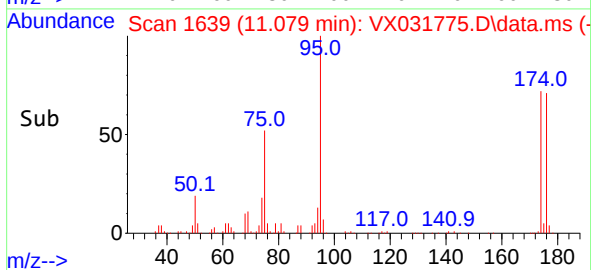
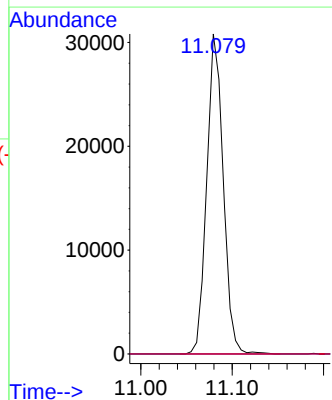
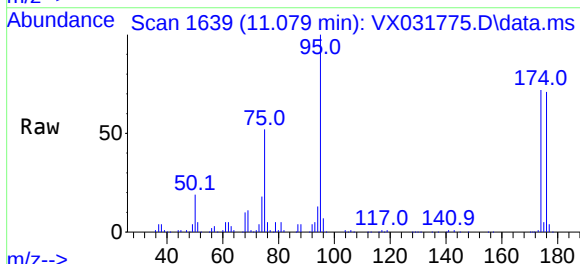
Instrument :
MSVOA_X
ClientSampleId :
MW-06

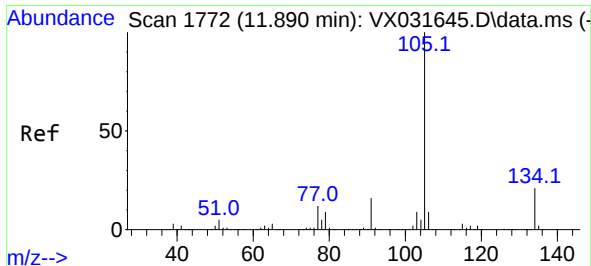
Tgt Ion: 75 Resp: 38511
Ion Ratio Lower Upper
75 100
77 1.2 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.292 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031775.D
Acq: 29 Sep 2022 15:56

Tgt Ion: 75 Resp: 38511
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

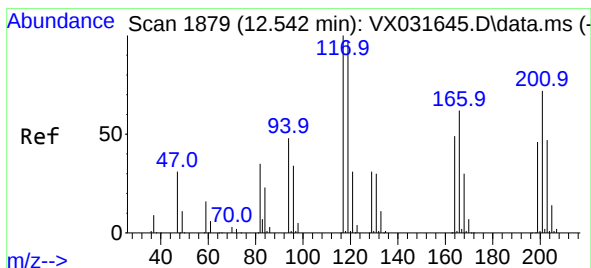
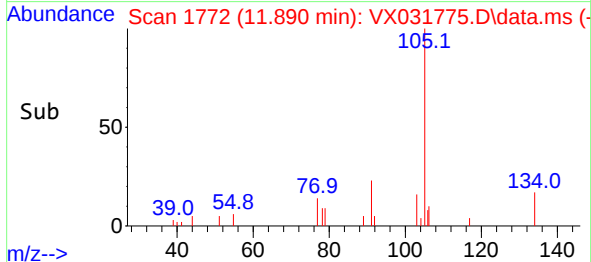
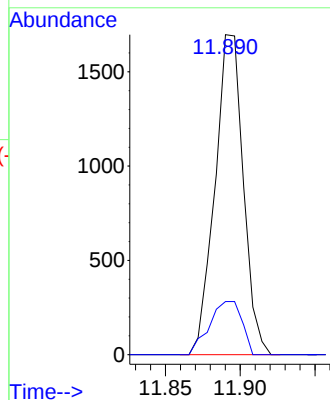
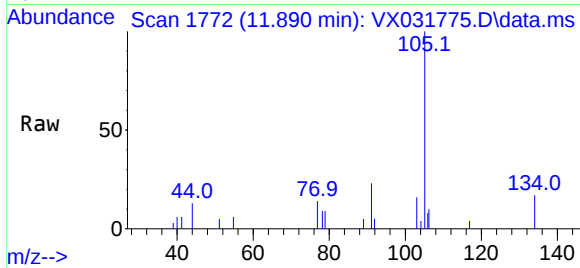




#85
 sec-Butylbenzene
 Concen: 0.463 ug/l
 RT: 11.890 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031775.D
 Acq: 29 Sep 2022 15:56

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-06

Tgt Ion:105 Resp: 2242
 Ion Ratio Lower Upper
 105 100
 134 19.0 10.4 31.1



#90
 Hexachloroethane
 Concen: 2.573 ug/l
 RT: 12.646 min Scan# 1896
 Delta R.T. 0.104 min
 Lab File: VX031775.D
 Acq: 29 Sep 2022 15:56

Tgt Ion:117 Resp: 1721
 Ion Ratio Lower Upper
 117 100
 201 0.0 34.8 104.4#

