

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090722\
 Data File : VX031182.D
 Acq On : 08 Sep 2022 00:16
 Operator : JC/MD
 Sample : N4355-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-44

Quant Time: Sep 08 00:58:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

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

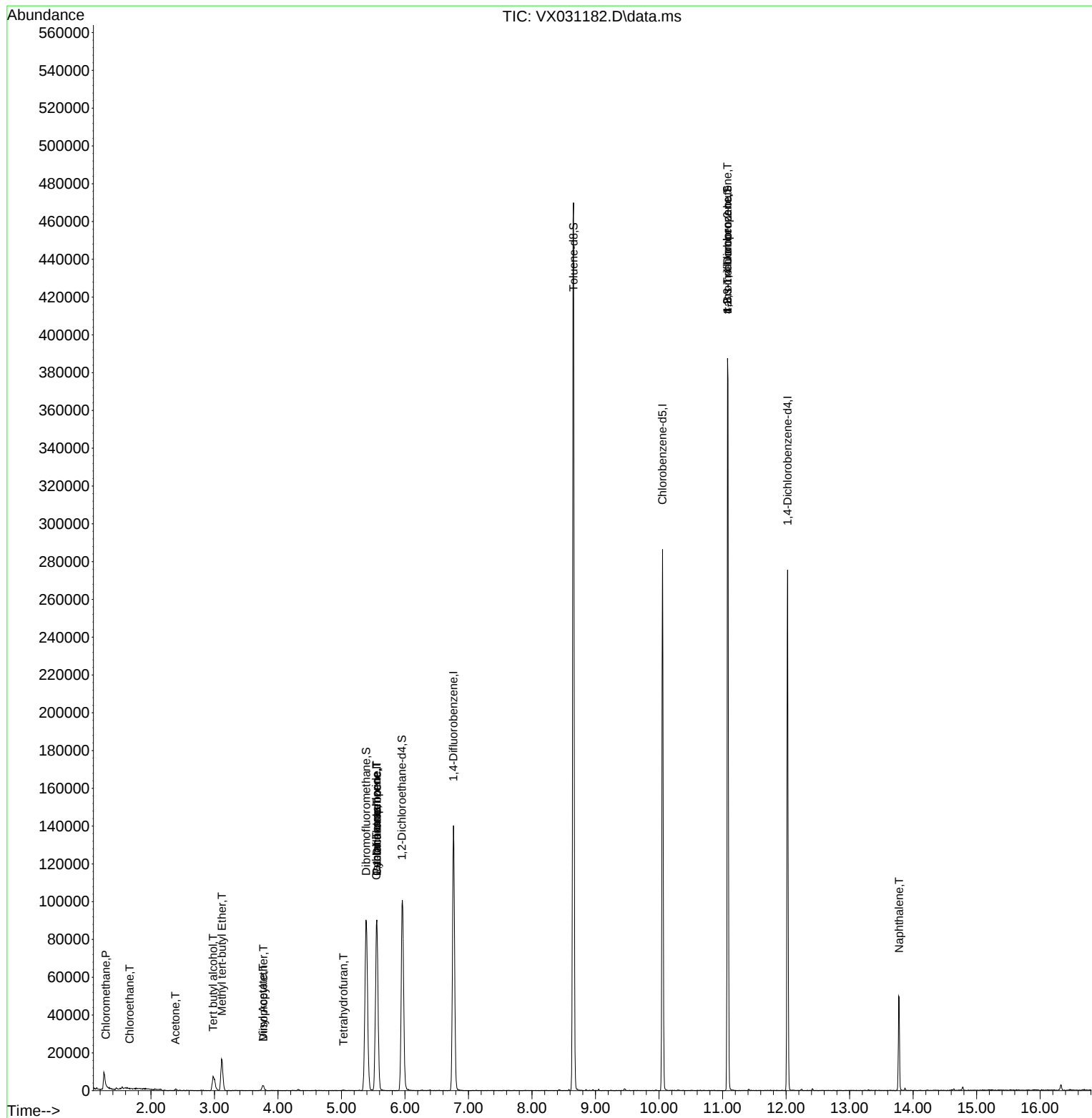
Internal Standards						
1) Pentafluorobenzene	5.556	168	79217	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	138414	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124915	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	108051	57.612	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.220%			
35) Dibromofluoromethane	5.385	113	81715	54.175	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.360%			
50) Toluene-d8	8.653	98	283779	51.783	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.560%			
62) 4-Bromofluorobenzene	11.079	95	108435	53.994	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.980%			
Target Compounds						Qvalue
3) Chloromethane	1.288	50	251	0.257	ug/l #	42
6) Chloroethane	1.666	64	191	0.295	ug/l #	41
11) Tert butyl alcohol	2.977	59	13641	15.677	ug/l #	91
16) Acetone	2.386	43	884	1.361	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	19561	4.118	ug/l #	88
22) Diisopropyl ether	3.769	45	2894	0.767	ug/l #	72
23) Vinyl Acetate	3.763	43	1595	0.504	ug/l #	72
29) Tetrahydrofuran	5.031	42	212	0.373	ug/l #	51
31) Cyclohexane	5.556	56	1737	0.829	ug/l #	12
36) 1,1-Dichloropropene	5.556	75	6641	2.940	ug/l #	46
38) Carbon Tetrachloride	5.550	117	9556	4.021	ug/l #	18
76) 1,2,3-Trichloropropane	11.079	75	57375	39.415	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	57375	127.110	ug/l #	12
95) Naphthalene	13.780	128	31963	7.605	ug/l	99

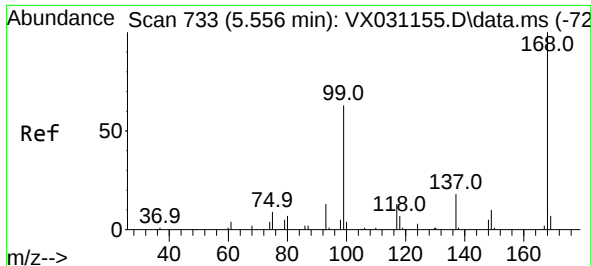
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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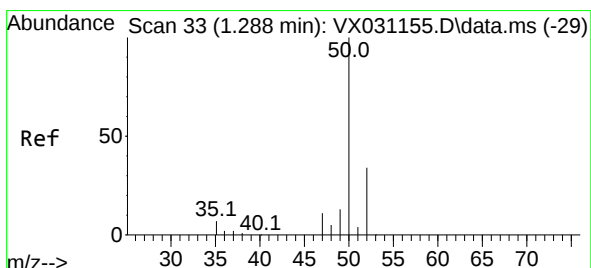
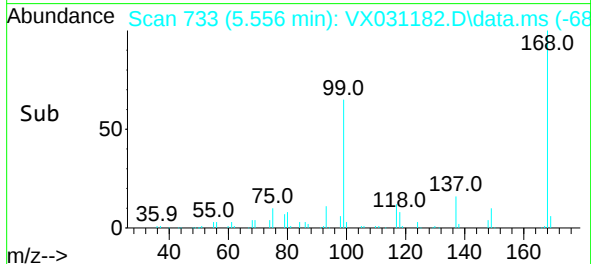
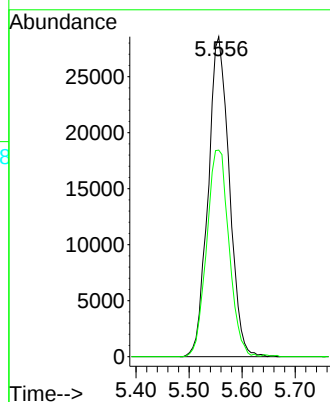
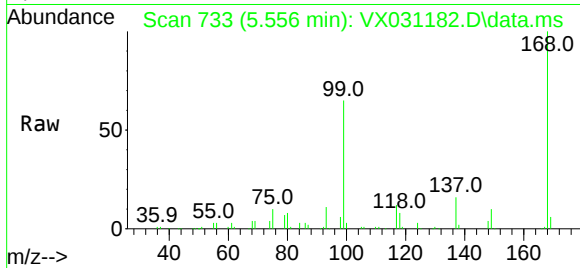




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031182.D
Acq: 08 Sep 2022 00:16

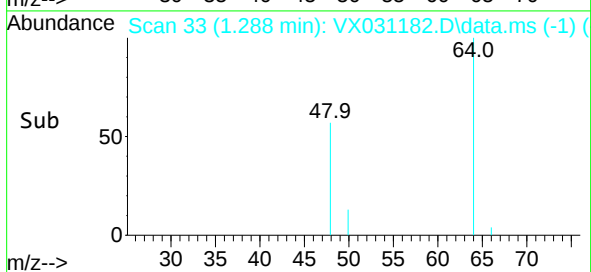
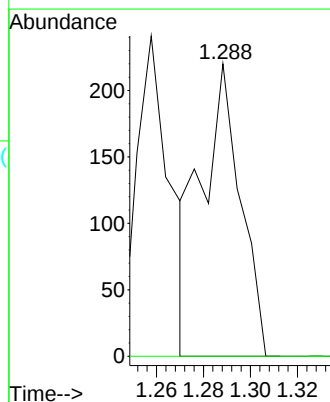
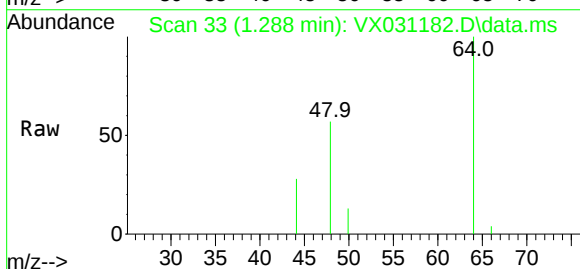
Instrument :
MSVOA_X
ClientSampleId :
MW-44

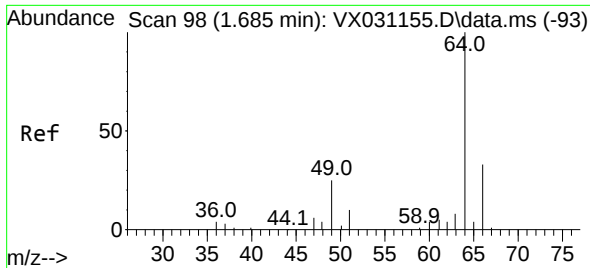
Tgt Ion:168 Resp: 79217
Ion Ratio Lower Upper
168 100
99 64.6 44.0 66.0



#3
Chloromethane
Concen: 0.257 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.000 min
Lab File: VX031182.D
Acq: 08 Sep 2022 00:16

Tgt Ion: 50 Resp: 251
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5

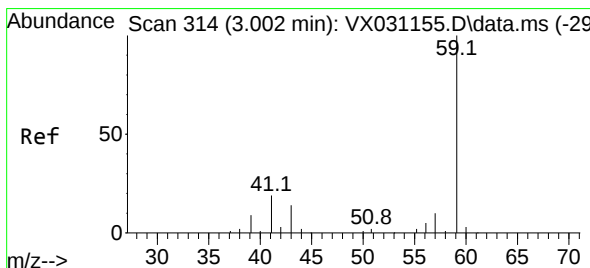
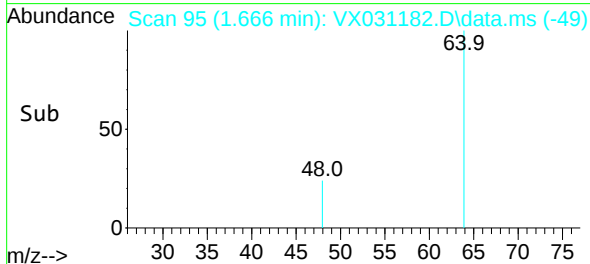
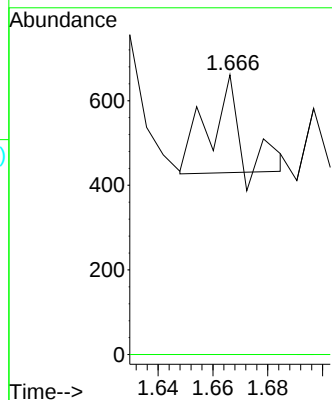
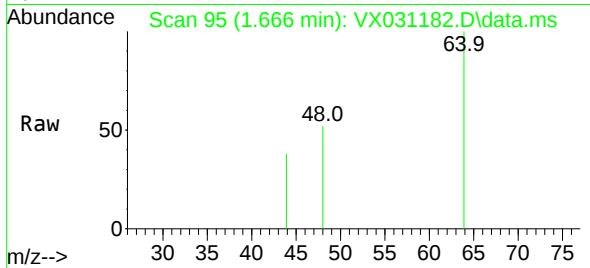




#6
Chloroethane
Concen: 0.295 ug/l
RT: 1.666 min Scan# 91
Delta R.T. -0.018 min
Lab File: VX031182.D
Acq: 08 Sep 2022 00:16

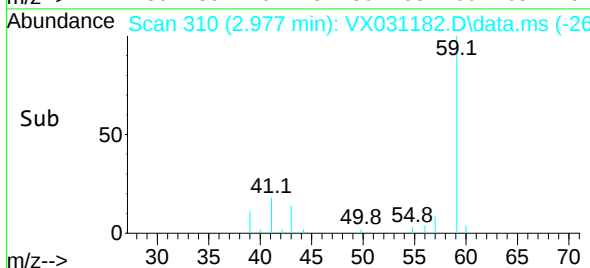
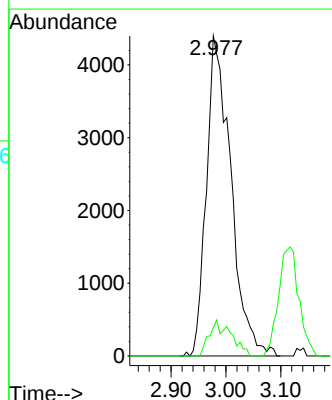
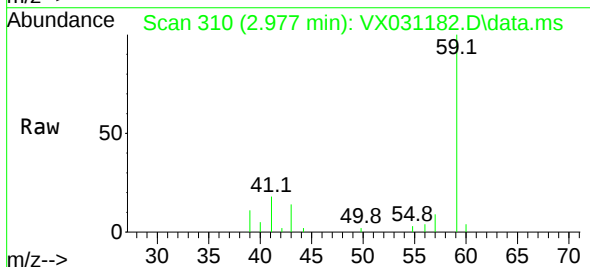
Instrument :
MSVOA_X
ClientSampleId :
MW-44

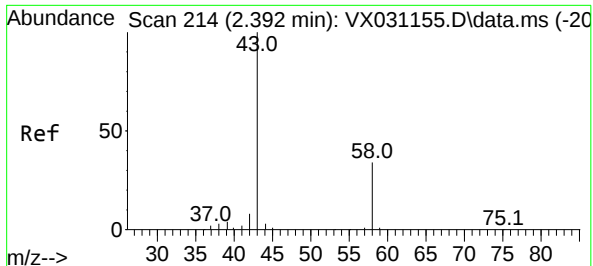
Tgt Ion: 64 Resp: 191
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#11
Tert butyl alcohol
Concen: 15.677 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.025 min
Lab File: VX031182.D
Acq: 08 Sep 2022 00:16

Tgt Ion: 59 Resp: 13641
Ion Ratio Lower Upper
59 100
57 5.9 7.4 11.2#

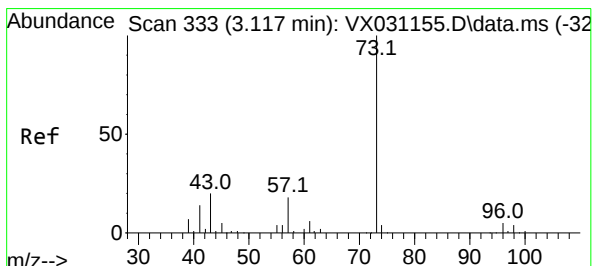
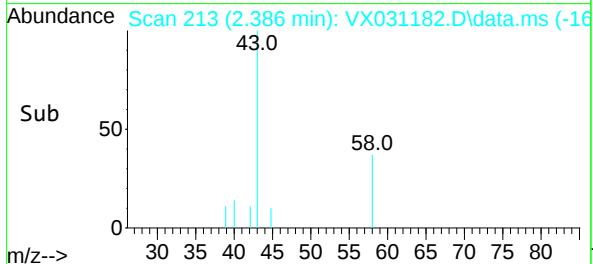
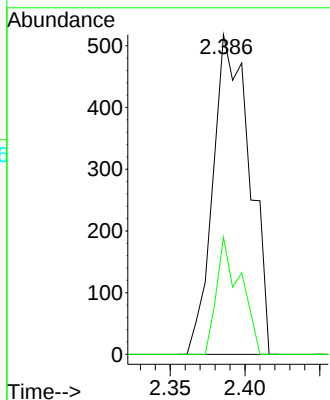
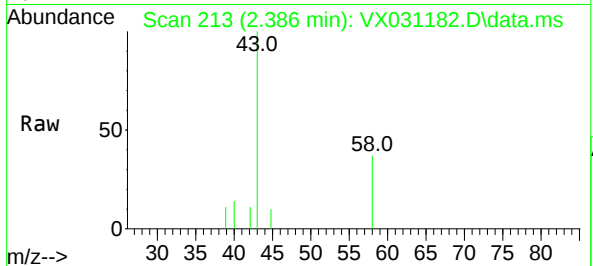




#16
Acetone
Concen: 1.361 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX031182.D
Acq: 08 Sep 2022 00:16

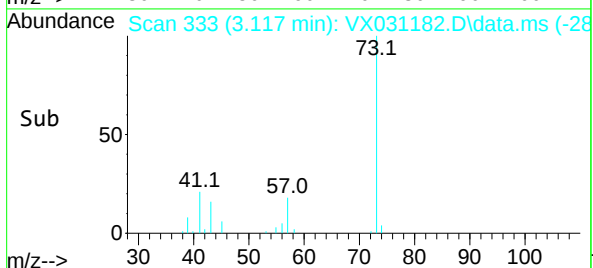
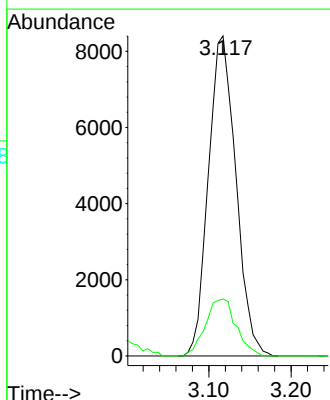
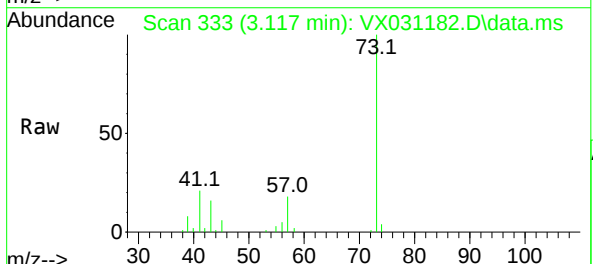
Instrument :
MSVOA_X
ClientSampleId :
MW-44

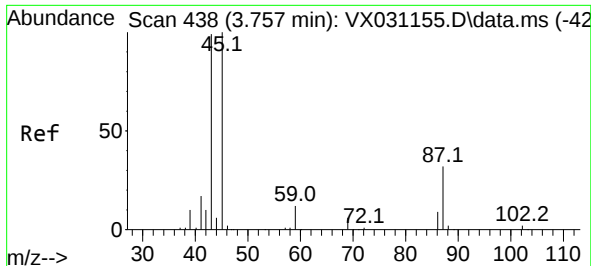
Tgt Ion: 43 Resp: 884
Ion Ratio Lower Upper
43 100
58 36.7 27.7 41.5



#19
Methyl tert-butyl Ether
Concen: 4.118 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX031182.D
Acq: 08 Sep 2022 00:16

Tgt Ion: 73 Resp: 19561
Ion Ratio Lower Upper
73 100
57 17.8 19.0 28.6#

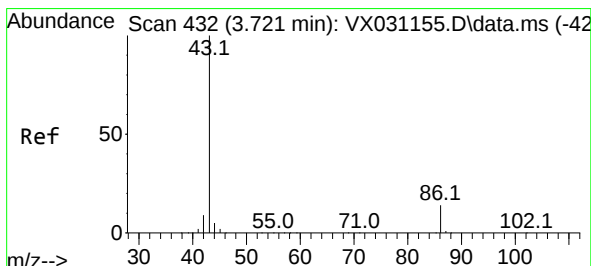
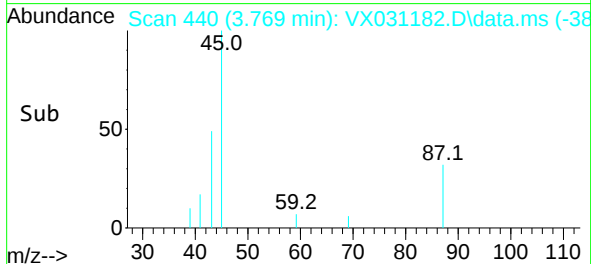
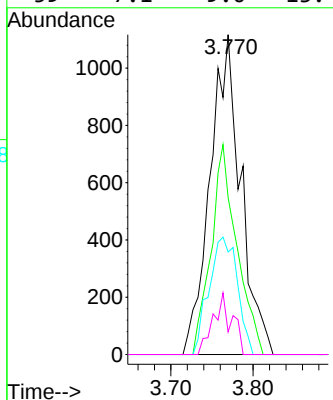
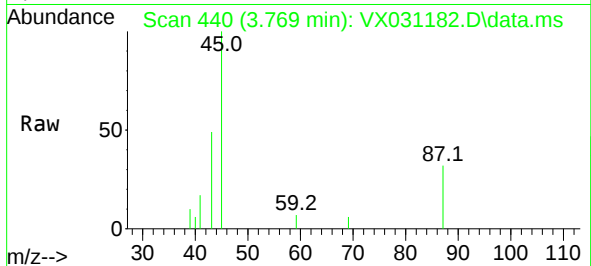




#22
Diisopropyl ether
Concen: 0.767 ug/l
RT: 3.769 min Scan# 440
Delta R.T. 0.012 min
Lab File: VX031182.D
Acq: 08 Sep 2022 00:16

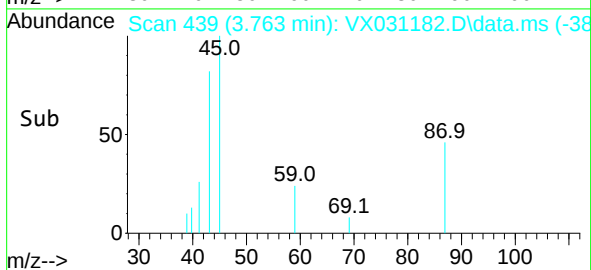
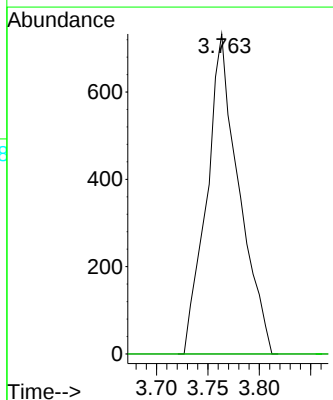
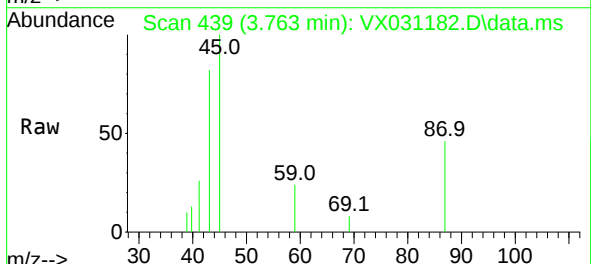
Instrument :
MSVOA_X
ClientSampleId :
MW-44

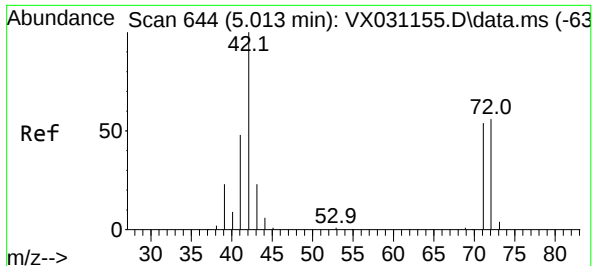
Tgt Ion: 45 Resp: 2894
Ion Ratio Lower Upper
45 100
43 49.1 65.4 98.0#
87 32.1 22.3 33.5
59 7.1 9.0 13.4#



#23
Vinyl Acetate
Concen: 0.504 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.042 min
Lab File: VX031182.D
Acq: 08 Sep 2022 00:16

Tgt Ion: 43 Resp: 1595
Ion Ratio Lower Upper
43 100
86 0.0 8.5 12.7#





#29

Tetrahydrofuran

Concen: 0.373 ug/l

RT: 5.031 min Scan# 644

Delta R.T. 0.018 min

Lab File: VX031182.D

Acq: 08 Sep 2022 00:16

Instrument :

MSVOA_X

ClientSampleId :

MW-44

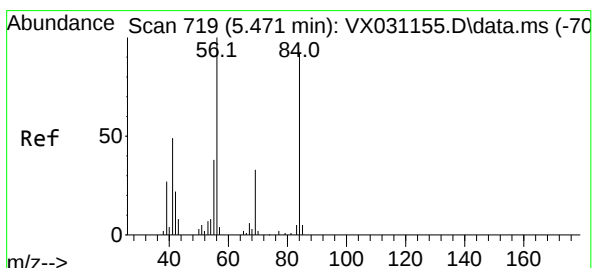
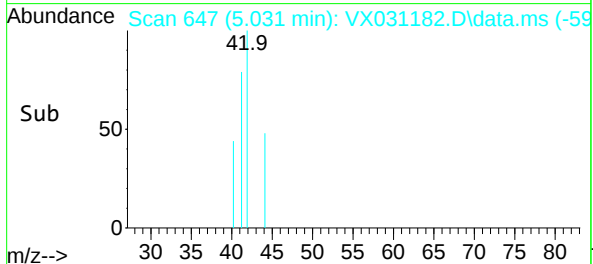
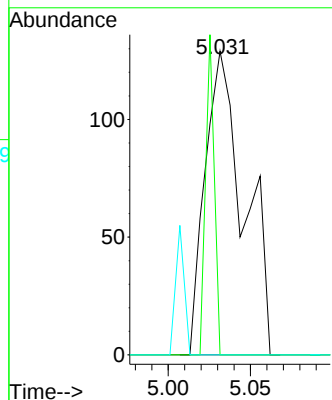
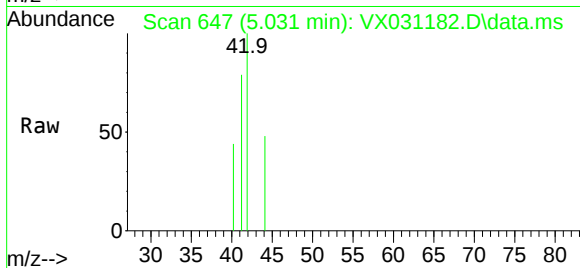
Tgt Ion: 42 Resp: 212

Ion Ratio Lower Upper

42 100

72 23.6 36.5 54.7#

71 0.0 33.9 50.9#



#31

Cyclohexane

Concen: 0.829 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX031182.D

Acq: 08 Sep 2022 00:16

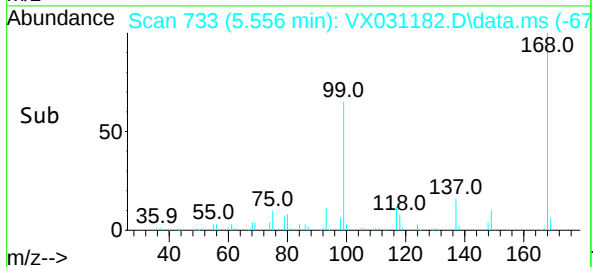
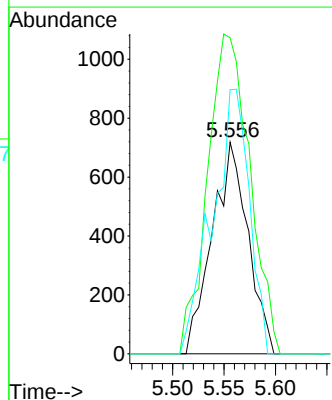
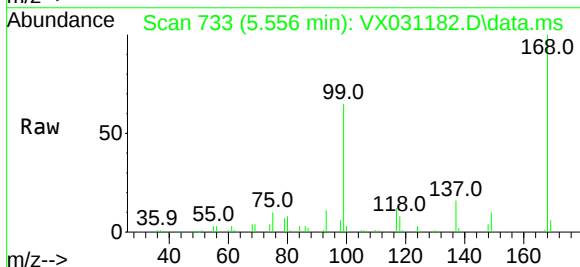
Tgt Ion: 56 Resp: 1737

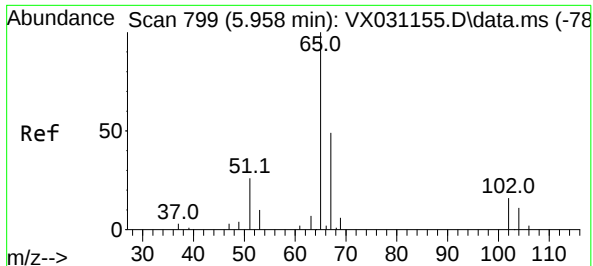
Ion Ratio Lower Upper

56 100

69 149.4 25.4 38.0#

84 124.9 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 57.612 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX031182.D

Acq: 08 Sep 2022 00:16

Instrument :

MSVOA_X

ClientSampleId :

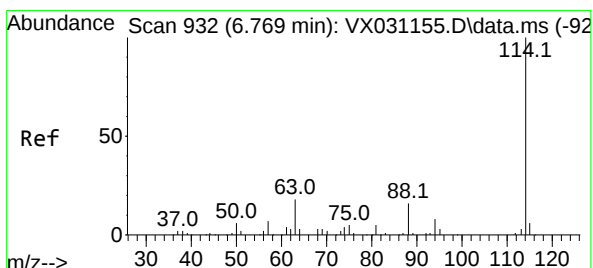
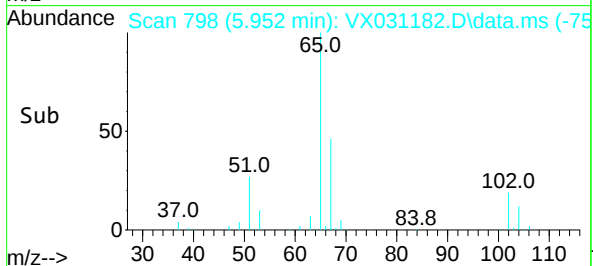
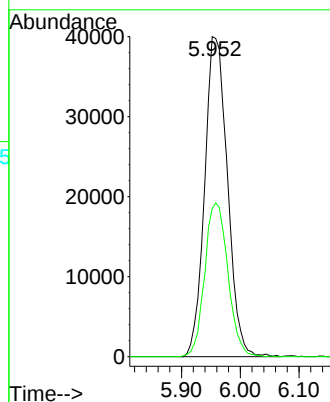
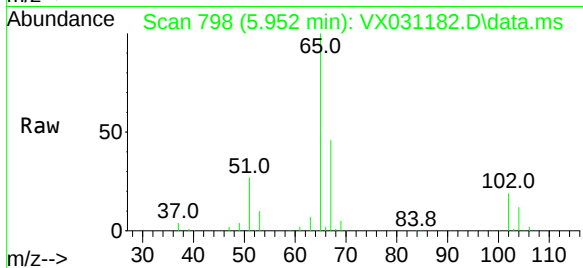
MW-44

Tgt Ion: 65 Resp: 108051

Ion Ratio Lower Upper

65 100

67 48.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX031182.D

Acq: 08 Sep 2022 00:16

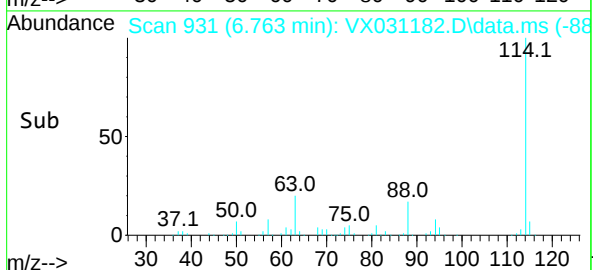
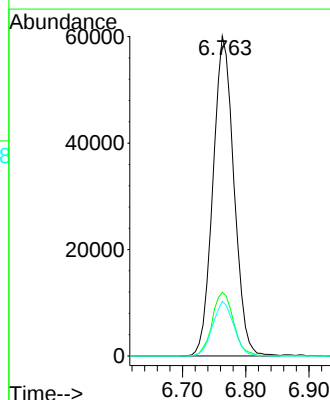
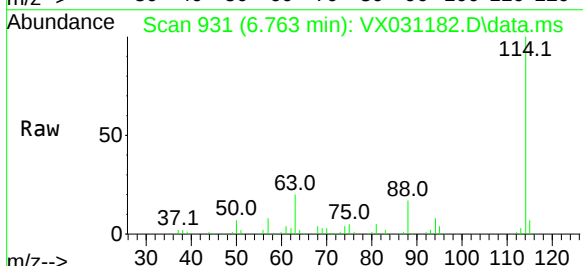
Tgt Ion: 114 Resp: 138414

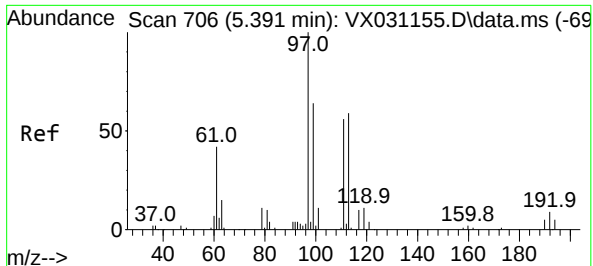
Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.4

88 17.1 0.0 31.8

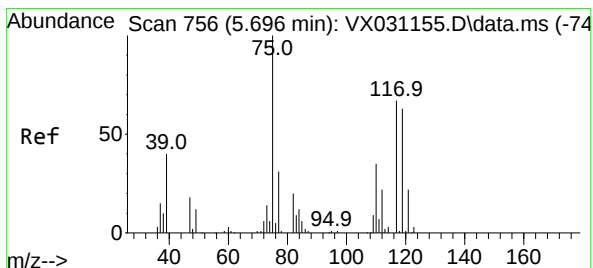
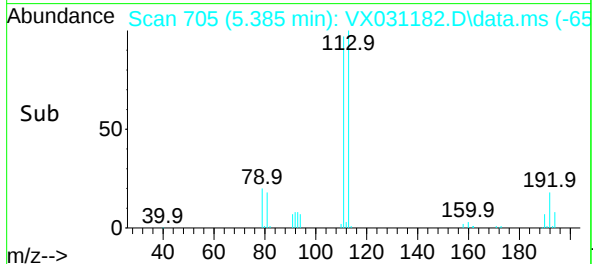
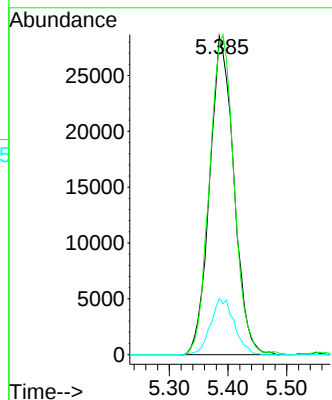
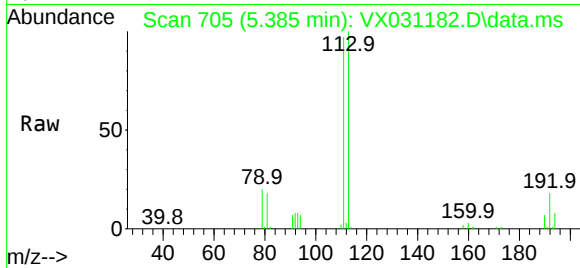




#35
Dibromofluoromethane
Concen: 54.175 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX031182.D
Acq: 08 Sep 2022 00:16

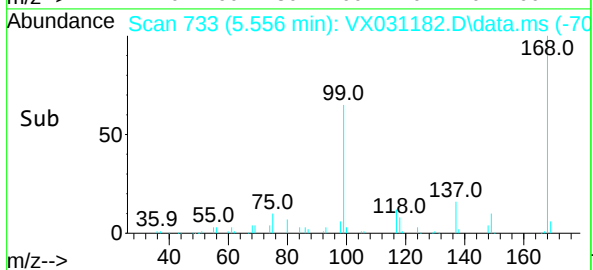
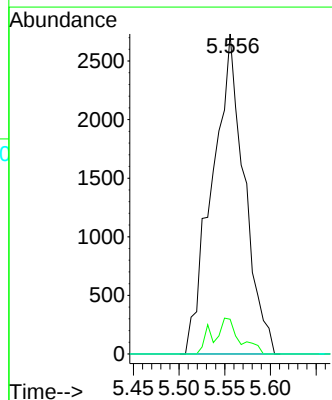
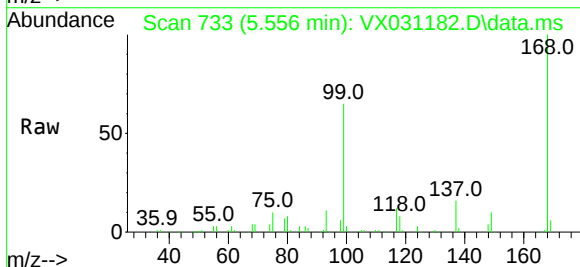
Instrument :
MSVOA_X
ClientSampleId :
MW-44

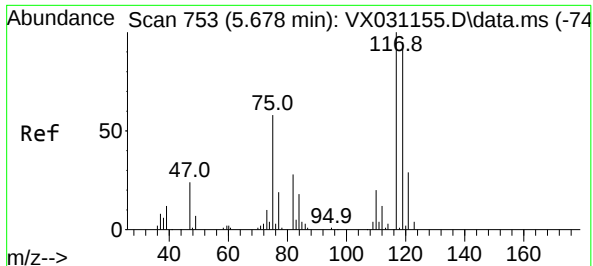
Tgt Ion:113 Resp: 81715
Ion Ratio Lower Upper
113 100
111 101.8 83.2 124.8
192 17.3 14.8 22.2



#36
1,1-Dichloropropene
Concen: 2.940 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX031182.D
Acq: 08 Sep 2022 00:16

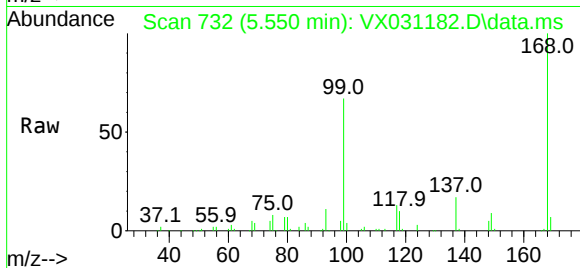
Tgt Ion: 75 Resp: 6641
Ion Ratio Lower Upper
75 100
110 6.9 19.3 57.9#
77 0.0 24.4 36.6#



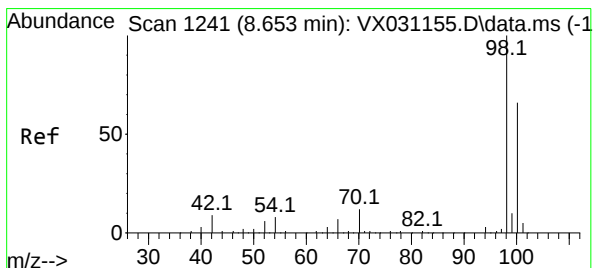
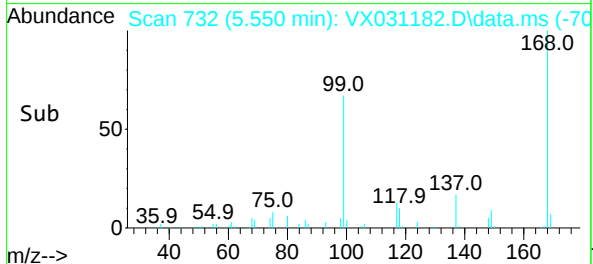
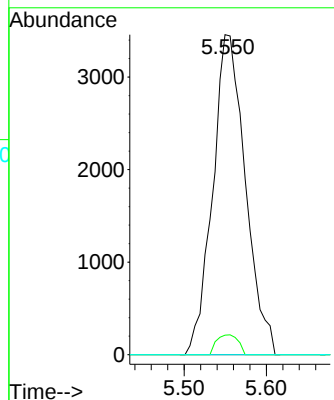


#38
Carbon Tetrachloride
Concen: 4.021 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX031182.D
Acq: 08 Sep 2022 00:16

Instrument :
MSVOA_X
ClientSampleId :
MW-44

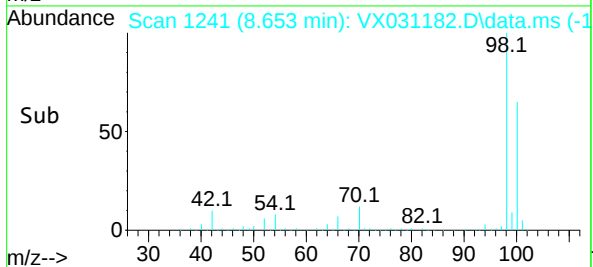
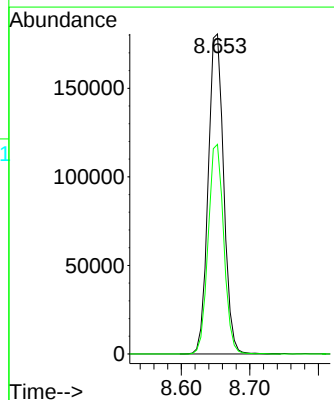
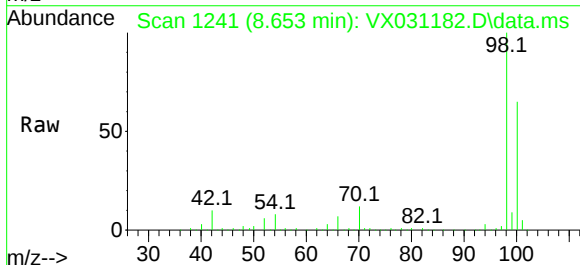


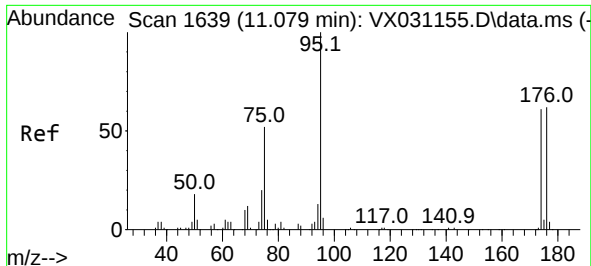
Tgt Ion:117 Resp: 9556
Ion Ratio Lower Upper
117 100
119 6.1 74.1 111.1#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 51.783 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031182.D
Acq: 08 Sep 2022 00:16

Tgt Ion: 98 Resp: 283779
Ion Ratio Lower Upper
98 100
100 66.0 52.3 78.5

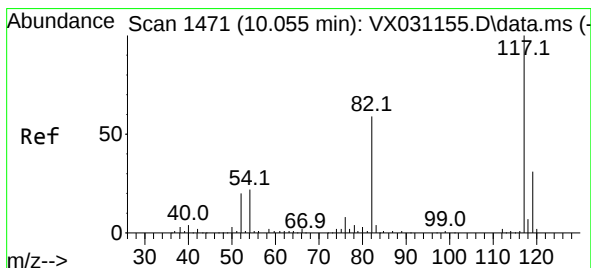
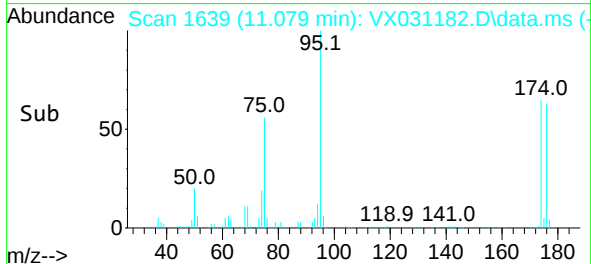
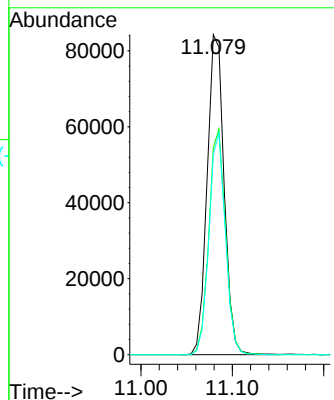
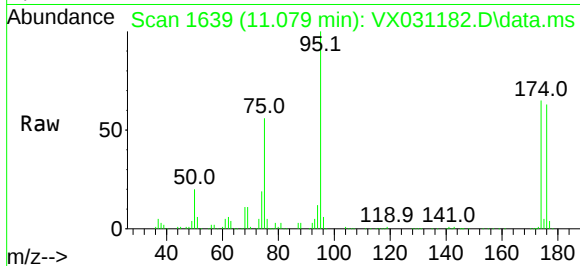




#62
4-Bromofluorobenzene
Concen: 53.994 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX031182.D
Acq: 08 Sep 2022 00:16

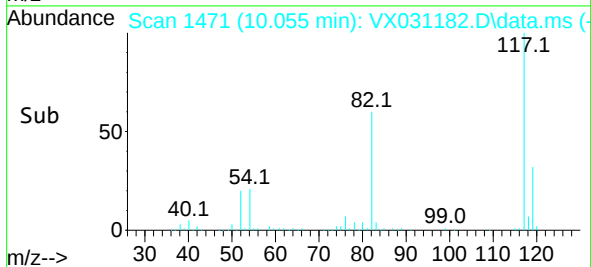
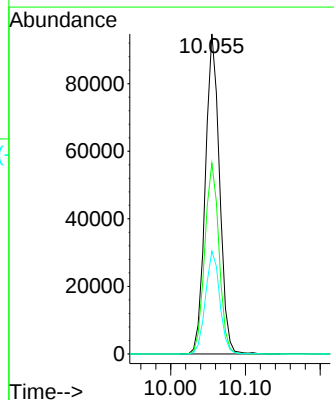
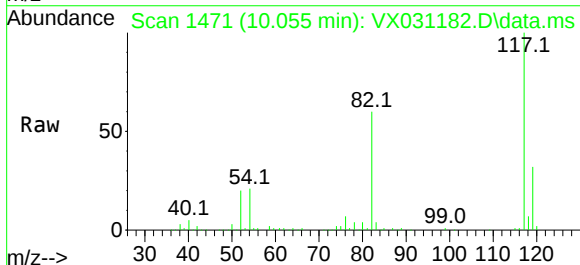
Instrument :
MSVOA_X
ClientSampleId :
MW-44

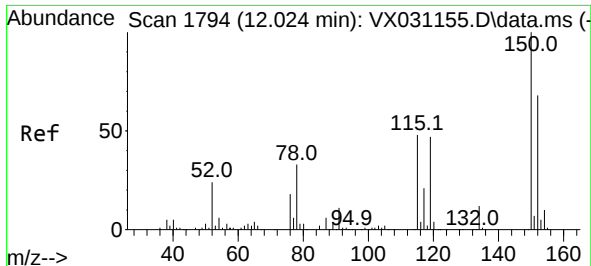
Tgt Ion: 95 Resp: 108435
Ion Ratio Lower Upper
95 100
174 69.3 0.0 149.0
176 66.7 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031182.D
Acq: 08 Sep 2022 00:16

Tgt Ion: 117 Resp: 124915
Ion Ratio Lower Upper
117 100
82 59.6 42.7 64.1
119 32.1 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX031182.D

Acq: 08 Sep 2022 00:16

Instrument :

MSVOA_X

ClientSampleId :

MW-44

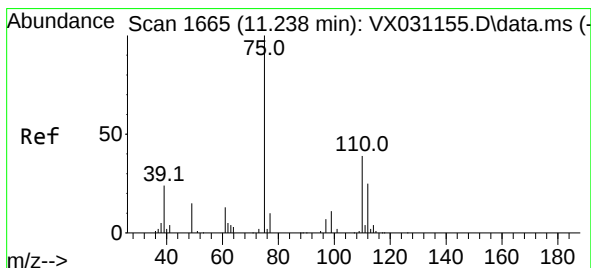
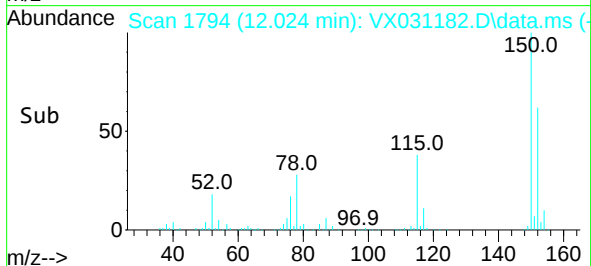
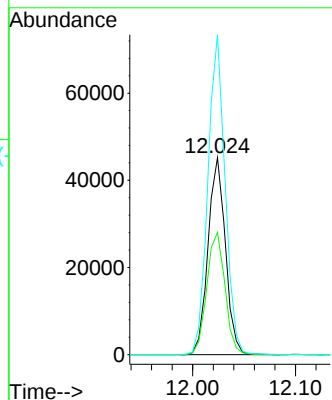
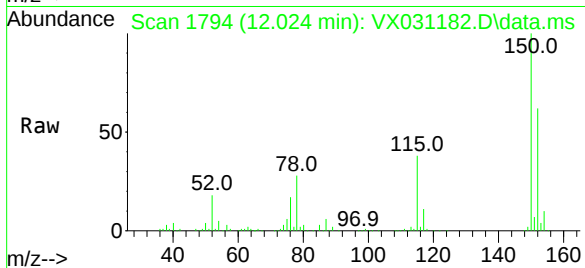
Tgt Ion:152 Resp: 53337

Ion Ratio Lower Upper

152 100

115 64.7 40.5 121.5

150 160.3 0.0 347.0



#76

1,2,3-Trichloropropane

Concen: 39.415 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX031182.D

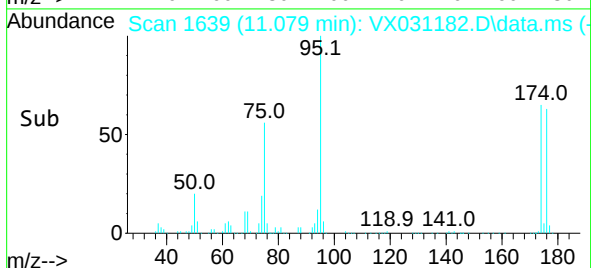
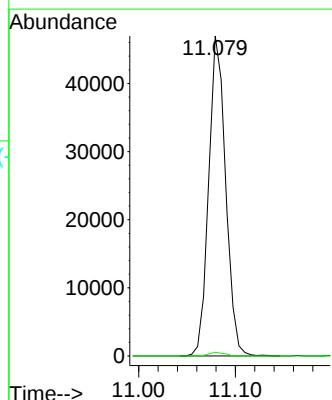
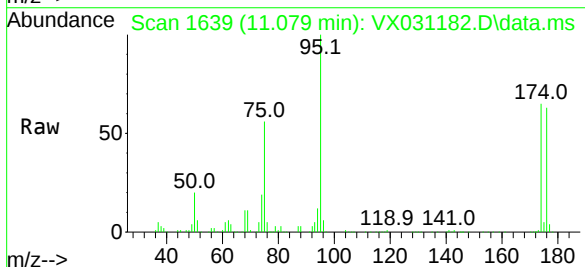
Acq: 08 Sep 2022 00:16

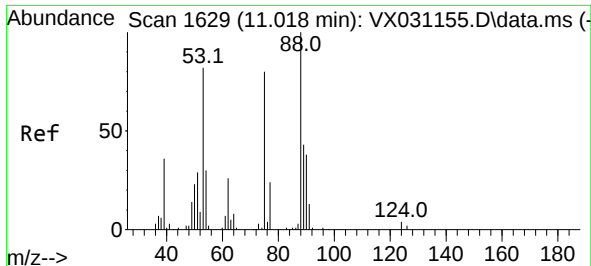
Tgt Ion: 75 Resp: 57375

Ion Ratio Lower Upper

75 100

77 1.0 19.8 59.3#

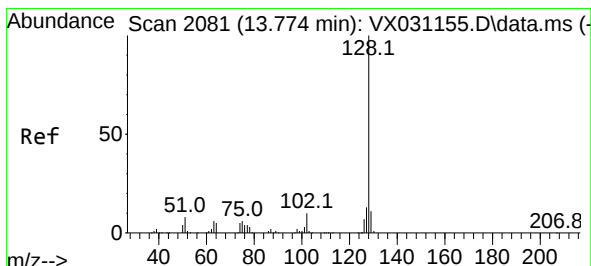
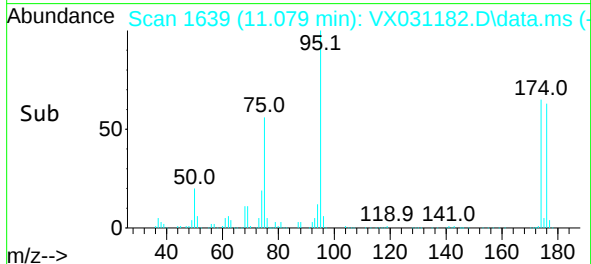
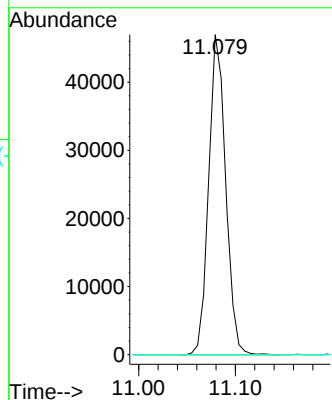
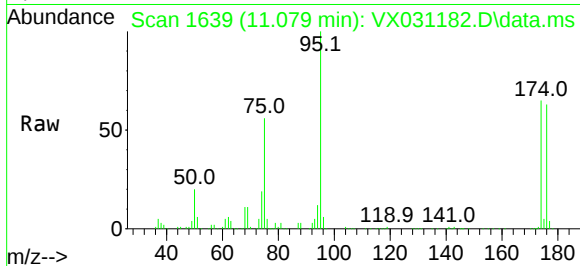




#81
 trans-1,4-Dichloro-2-butene
 Concen: 127.110 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX031182.D
 Acq: 08 Sep 2022 00:16

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-44

Tgt Ion: 75 Resp: 57375
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#



#95
 Naphthalene
 Concen: 7.605 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. 0.006 min
 Lab File: VX031182.D
 Acq: 08 Sep 2022 00:16

Tgt Ion: 128 Resp: 31963
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.2 15.2
 129 10.5 8.6 13.0

