

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092922\
 Data File : VX031800.D
 Acq On : 30 Sep 2022 05:20
 Operator : JC/MD
 Sample : N4864-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12

Quant Time: Sep 30 06:27:25 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)

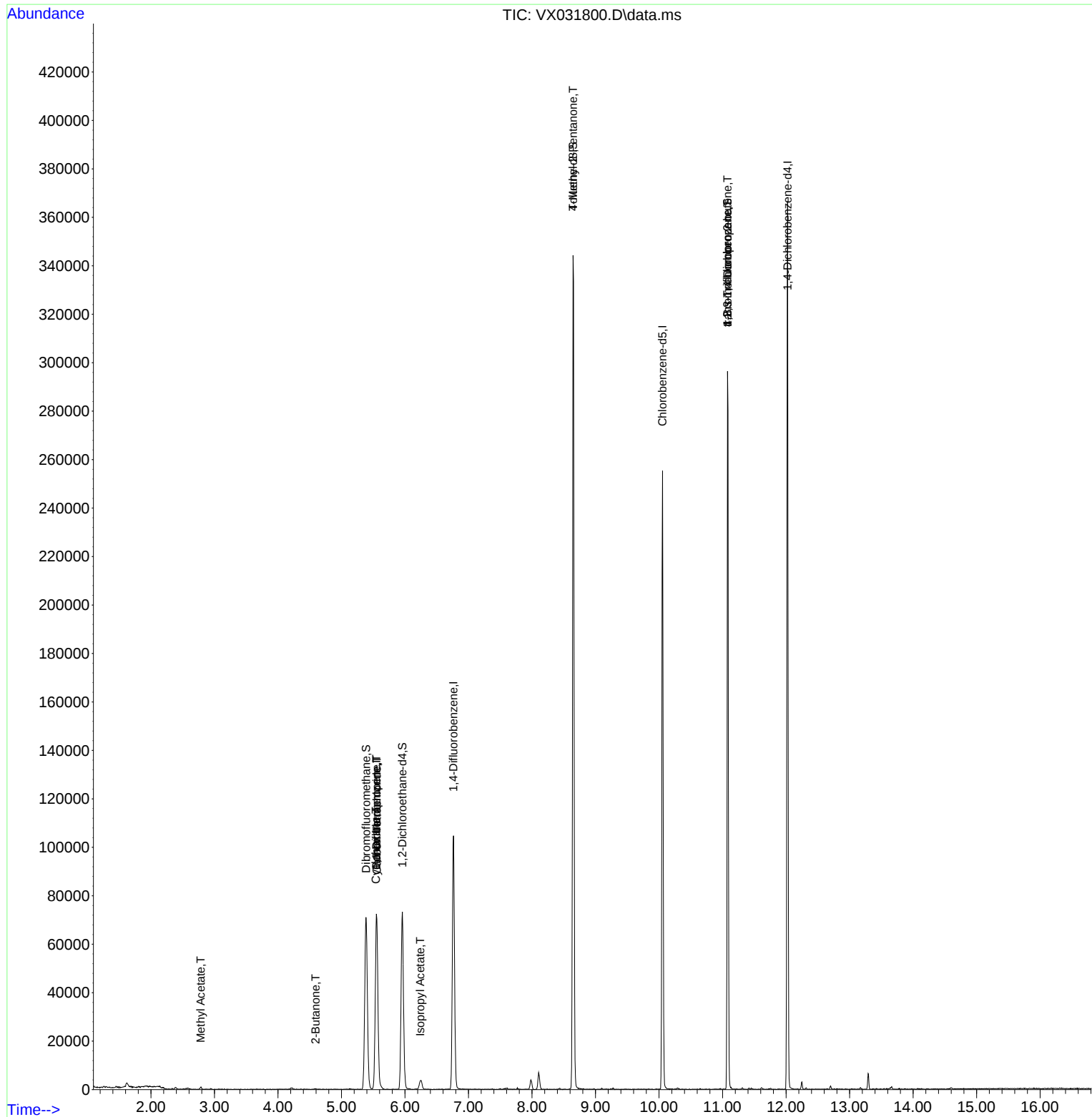
Internal Standards						
1) Pentafluorobenzene	5.550	168	70640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	110792	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77092	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70347	46.921	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.840%
35) Dibromofluoromethane	5.385	113	60830	46.080	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.160%
50) Toluene-d8	8.647	98	211003	44.088	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.180%
62) 4-Bromofluorobenzene	11.079	95	74970	42.739	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.480%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	78	Below Cal	#	69
5) Bromomethane	1.611	94	484	Below Cal		91
6) Chloroethane	1.691	64	170	Below Cal	#	43
11) Tert butyl alcohol	2.946	59	38	Below Cal	#	73
16) Acetone	2.392	43	905	Below Cal	#	83
17) Carbon Disulfide	2.508	76	203	Below Cal	#	75
18) Methyl Acetate	2.782	43	388	0.288 ug/l	#	52
20) Methylene Chloride	2.788	84	219	Below Cal	#	79
25) 2-Butanone	4.593	43	146	0.204 ug/l	#	49
31) Cyclohexane	5.544	56	1559	1.094 ug/l	#	21
36) 1,1-Dichloropropene	5.550	75	5289	3.489 ug/l	#	50
38) Carbon Tetrachloride	5.556	117	7359	4.307 ug/l	#	19
43) Isopropyl Acetate	6.239	43	958	0.398 ug/l	#	61
51) 4-Methyl-2-Pentanone	8.647	43	910	0.597 ug/l	#	1
76) 1,2,3-Trichloropropane	11.079	75	39106	27.981 ug/l	#	36
81) trans-1,4-Dichloro-2-b...	11.079	75	39106	92.433 ug/l	#	11

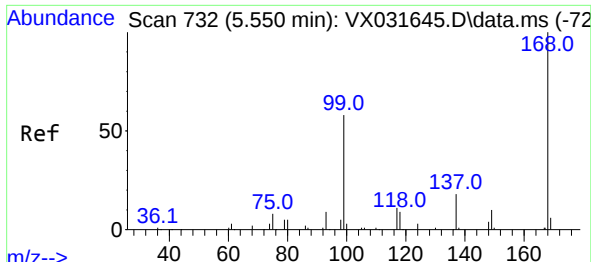
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092922\
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ALS Vial : 43 Sample Multiplier: 1

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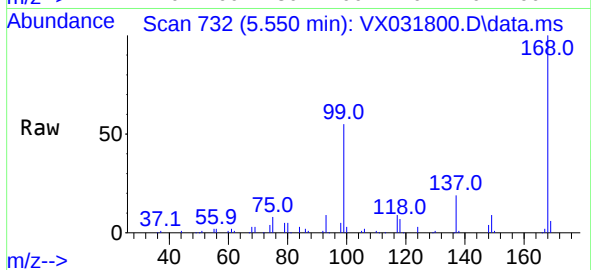
Quant Time: Sep 30 06:27:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 27 01:44:18 2022
Response via : Initial Calibration



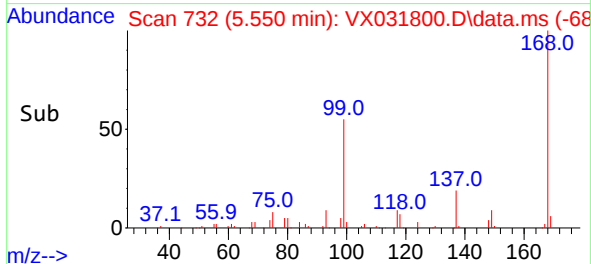
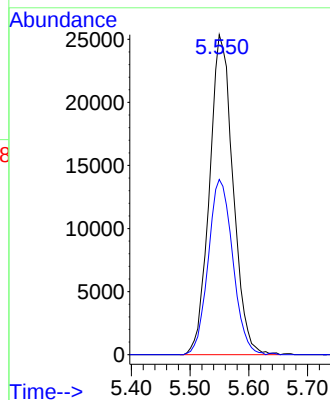


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031800.D
Acq: 30 Sep 2022 05:20

Instrument :
MSVOA_X
ClientSampleId :
MW-12

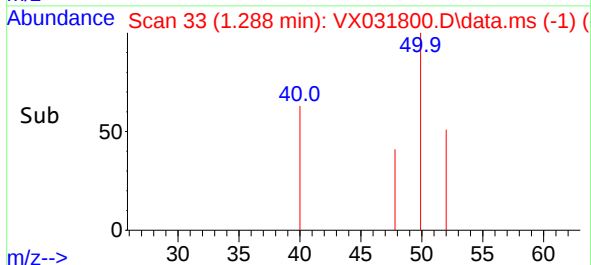
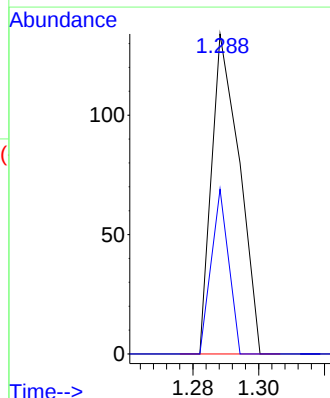
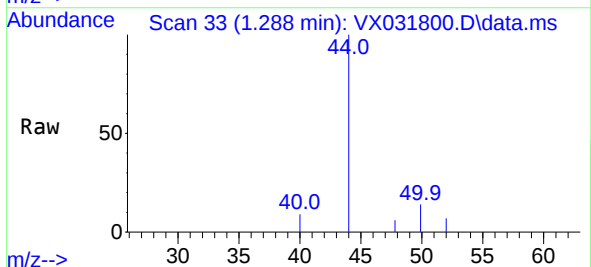


Tgt Ion:168 Resp: 70640
Ion Ratio Lower Upper
168 100
99 54.8 48.8 73.2

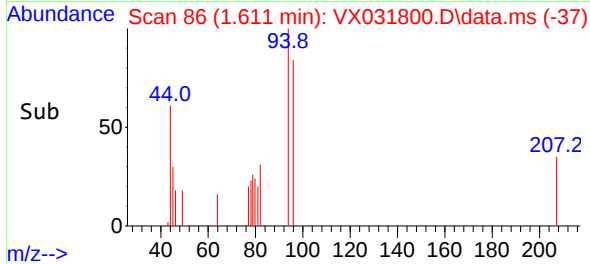
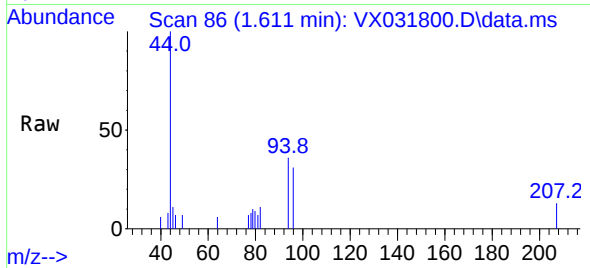
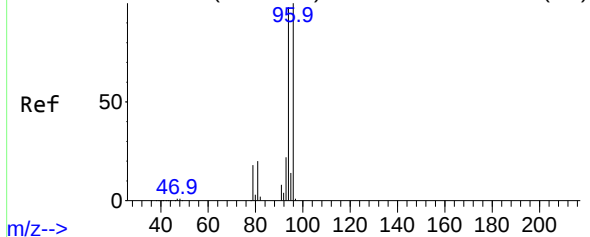


#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031800.D
Acq: 30 Sep 2022 05:20

Tgt Ion: 50 Resp: 78
Ion Ratio Lower Upper
50 100
52 51.5 26.9 40.3#



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



#5

Bromomethane

Concen: Below Cal

RT: 1.611 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX031800.D

Acq: 30 Sep 2022 05:20

Instrument :

MSVOA_X

ClientSampleId :

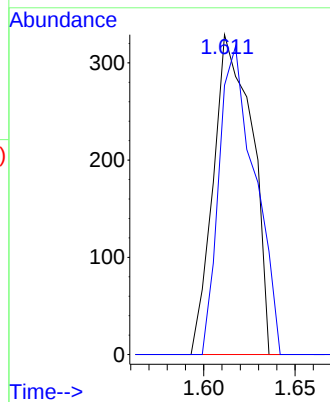
MW-12

Tgt Ion: 94 Resp: 484

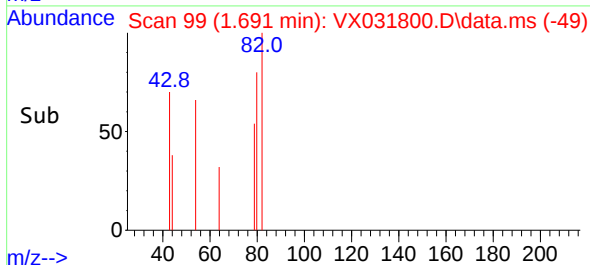
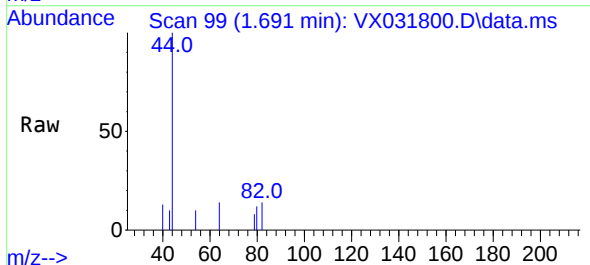
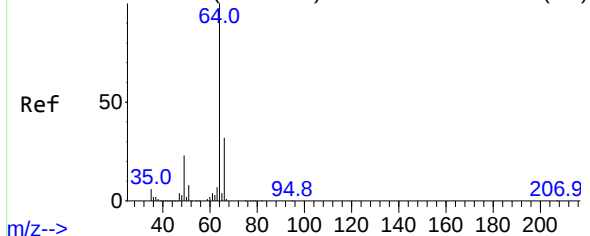
Ion Ratio Lower Upper

94 100

96 84.2 74.4 111.6



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



#6

Chloroethane

Concen: Below Cal

RT: 1.691 min Scan# 99

Delta R.T. 0.006 min

Lab File: VX031800.D

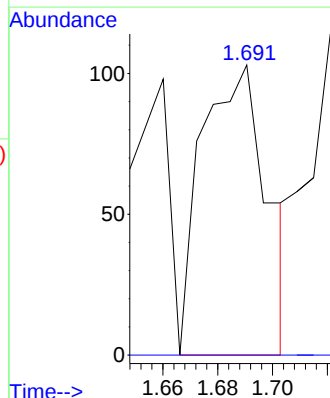
Acq: 30 Sep 2022 05:20

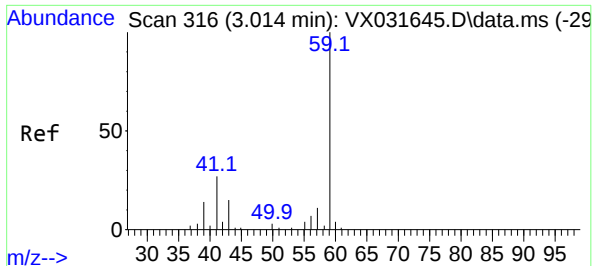
Tgt Ion: 64 Resp: 170

Ion Ratio Lower Upper

64 100

66 0.0 25.0 37.4#

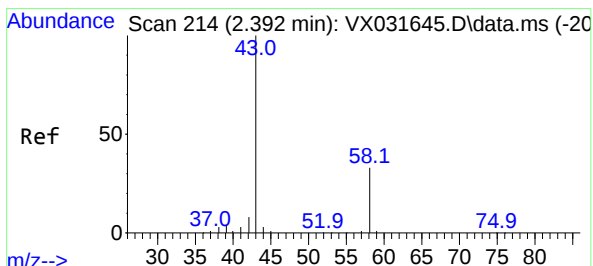
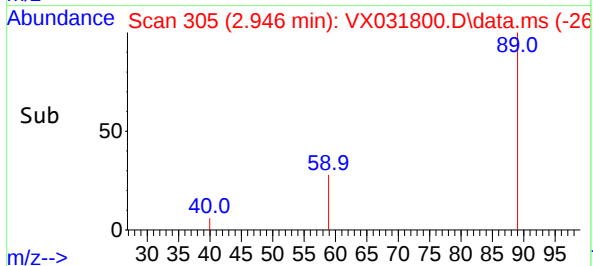
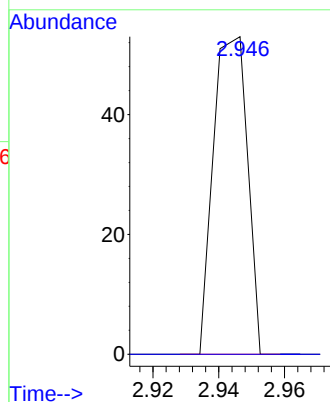
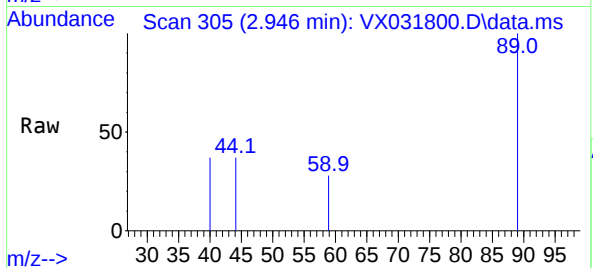




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 30
Delta R.T. -0.043 min
Lab File: VX031800.D
Acq: 30 Sep 2022 05:20

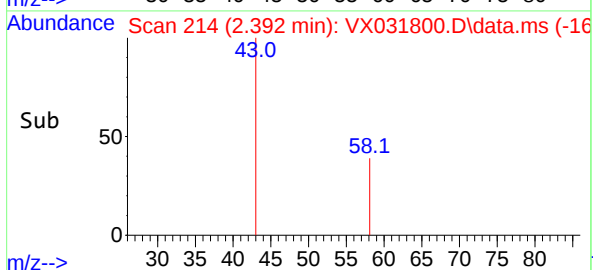
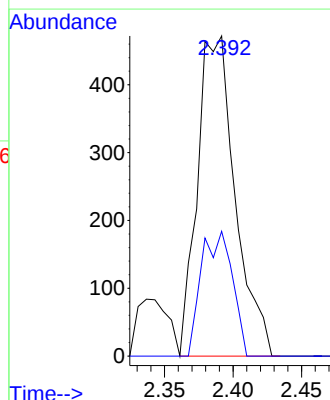
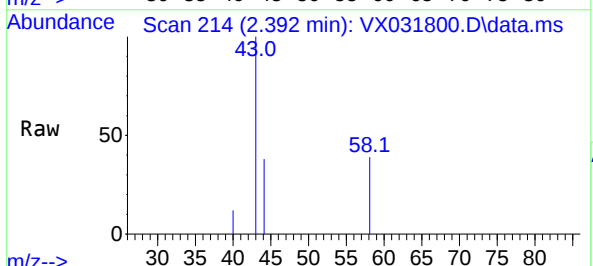
Instrument :
MSVOA_X
ClientSampleId :
MW-12

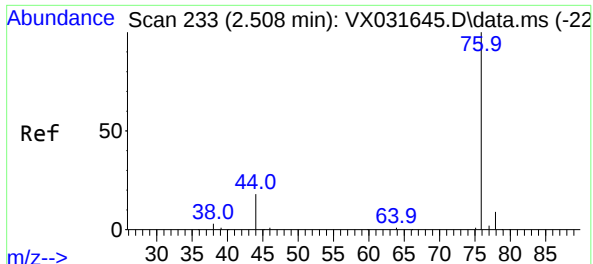
Tgt Ion: 59 Resp: 38
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031800.D
Acq: 30 Sep 2022 05:20

Tgt Ion: 43 Resp: 905
Ion Ratio Lower Upper
43 100
58 39.0 23.8 35.8#

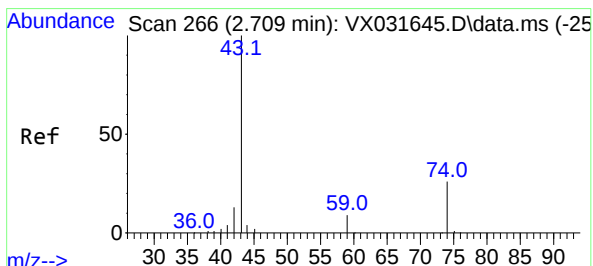
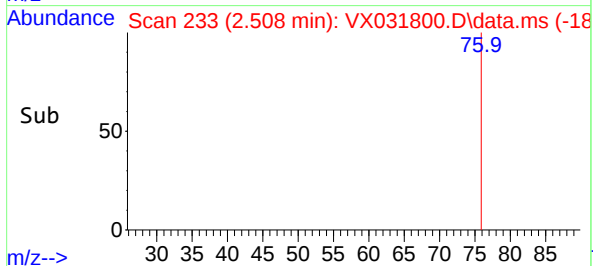
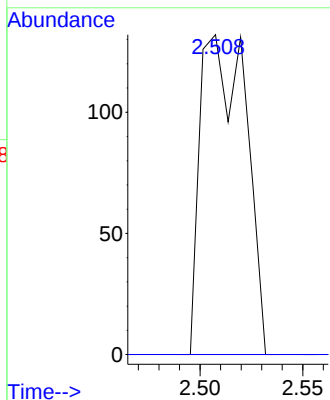
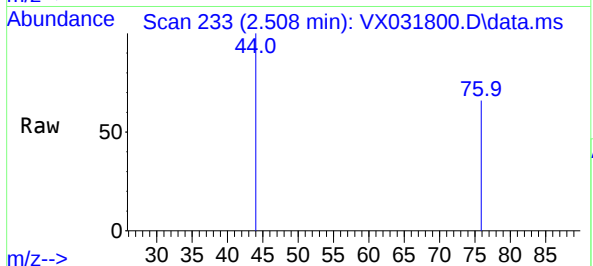




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX031800.D
Acq: 30 Sep 2022 05:20

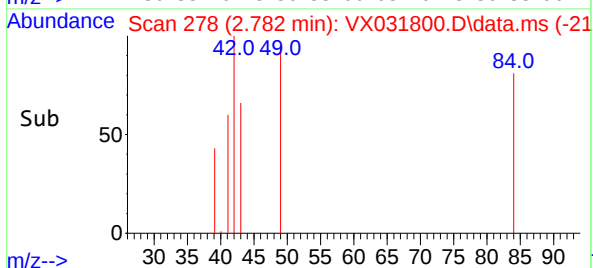
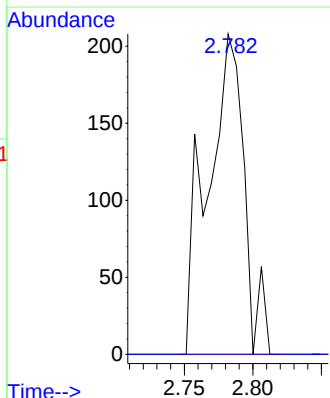
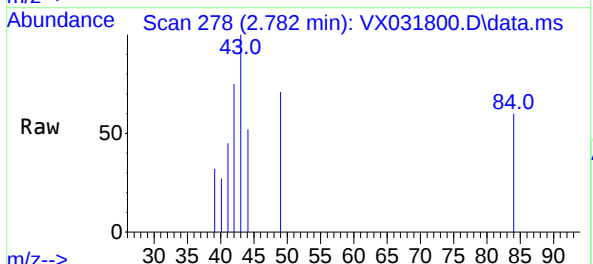
Instrument :
MSVOA_X
ClientSampleId :
MW-12

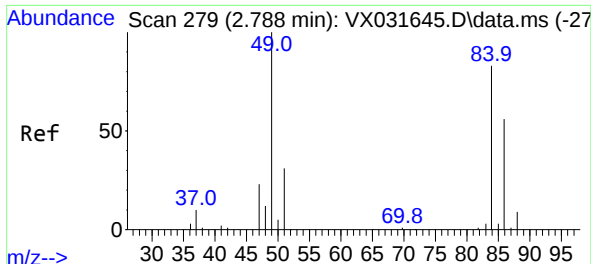
Tgt Ion: 76 Resp: 203
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.288 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.073 min
Lab File: VX031800.D
Acq: 30 Sep 2022 05:20

Tgt Ion: 43 Resp: 388
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#

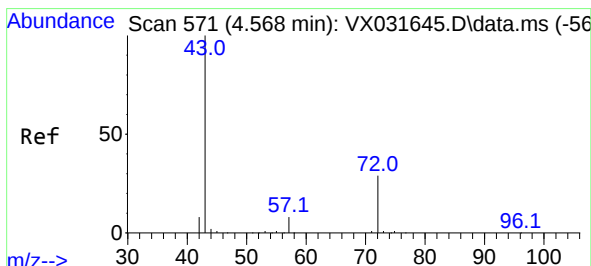
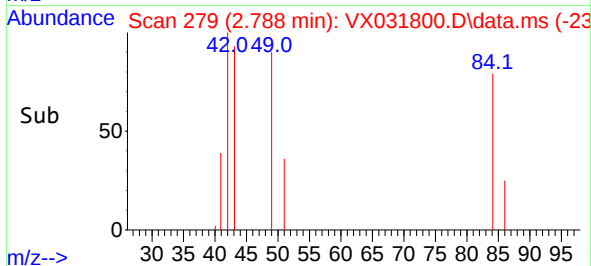
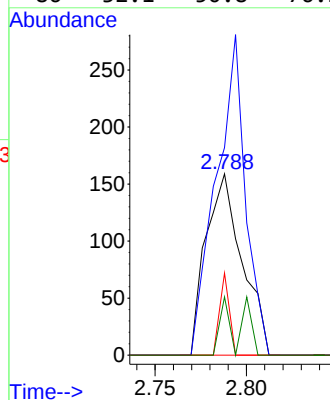
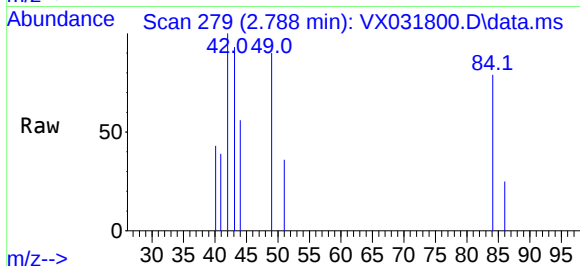




#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031800.D
Acq: 30 Sep 2022 05:20

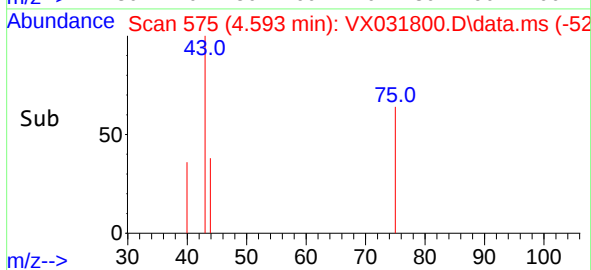
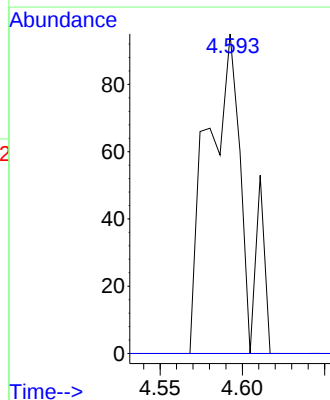
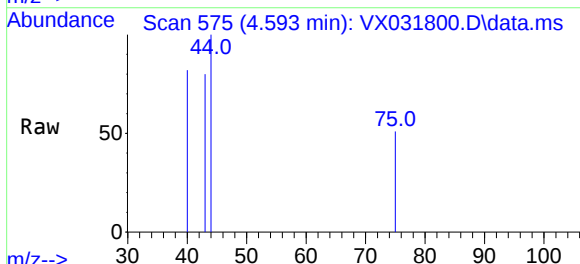
Instrument :
MSVOA_X
ClientSampleId :
MW-12

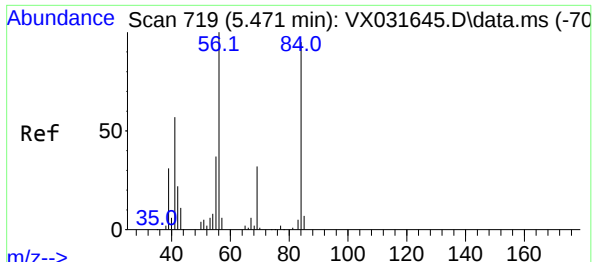
Tgt Ion:	84	Resp:	219
Ion	Ratio	Lower	Upper
84	100		
49	114.5	105.9	158.9
51	45.3	32.2	48.2
86	32.1	50.8	76.2



#25
2-Butanone
Concen: 0.204 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.031 min
Lab File: VX031800.D
Acq: 30 Sep 2022 05:20

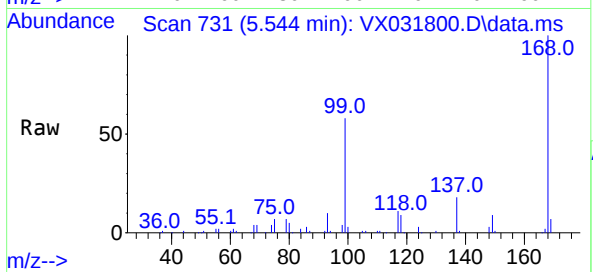
Tgt Ion:	43	Resp:	146
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.1	31.7



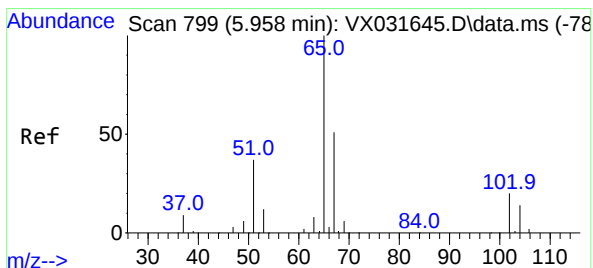
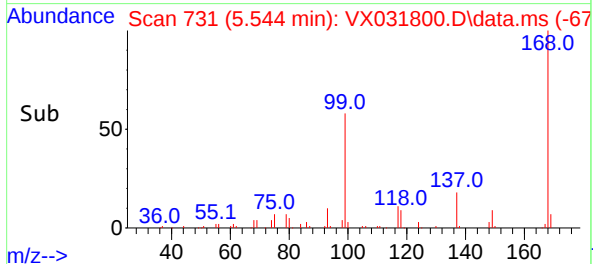
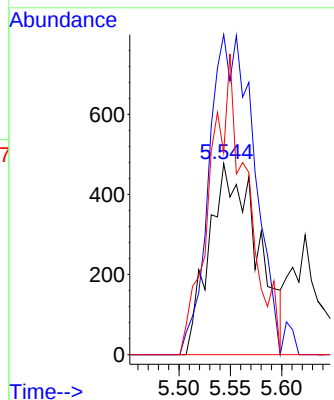


#31
Cyclohexane
Concen: 1.094 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX031800.D
Acq: 30 Sep 2022 05:20

Instrument :
MSVOA_X
ClientSampleId :
MW-12

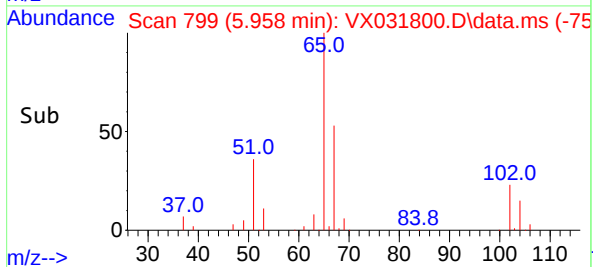
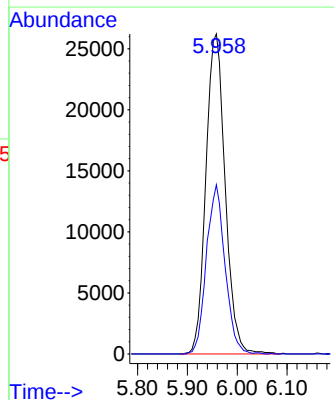
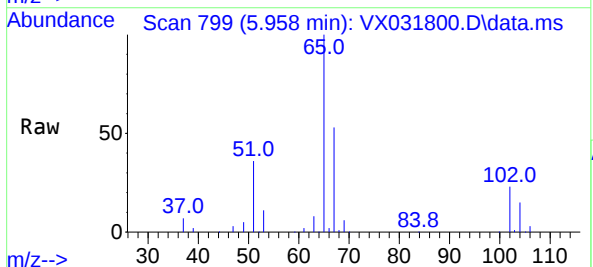


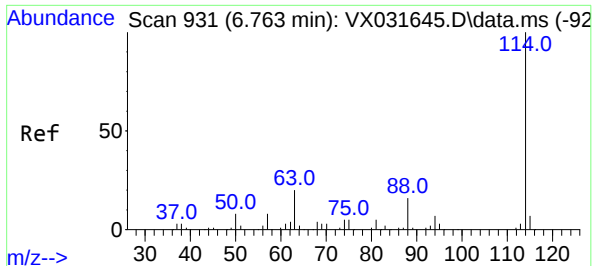
Tgt Ion: 56 Resp: 1559
Ion Ratio Lower Upper
56 100
69 167.5 25.1 37.7#
84 105.7 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 46.921 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031800.D
Acq: 30 Sep 2022 05:20

Tgt Ion: 65 Resp: 70347
Ion Ratio Lower Upper
65 100
67 51.0 0.0 102.4

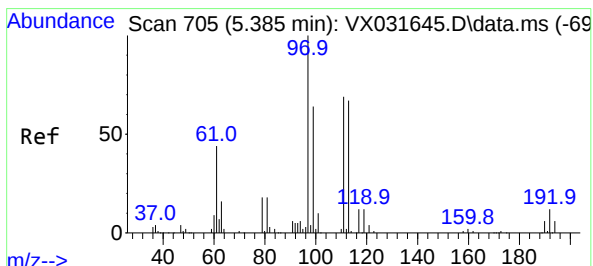
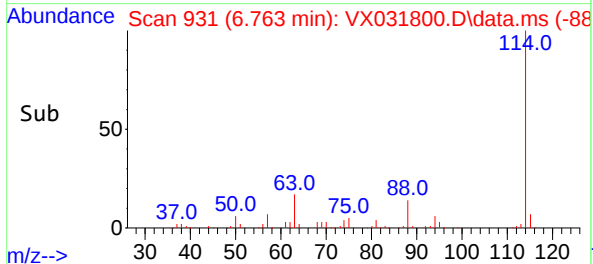
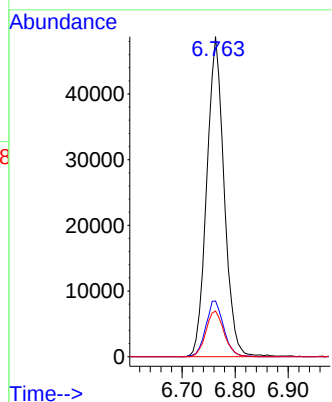
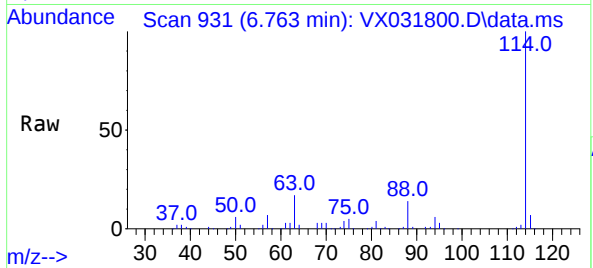




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX031800.D
Acq: 30 Sep 2022 05:20

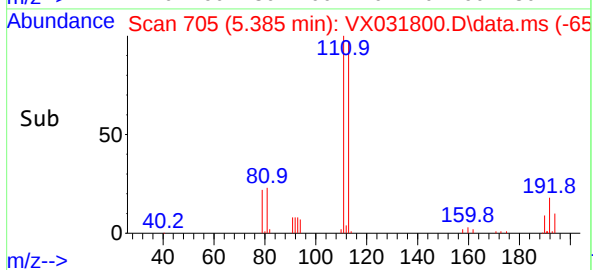
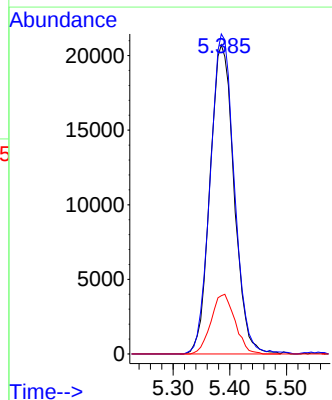
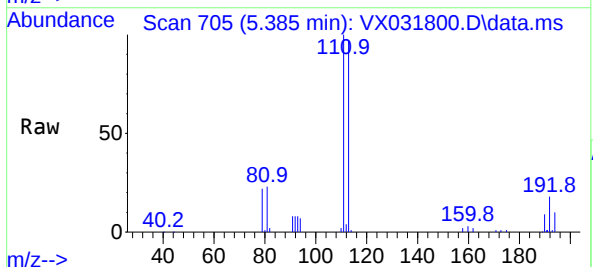
Instrument :
MSVOA_X
ClientSampleId :
MW-12

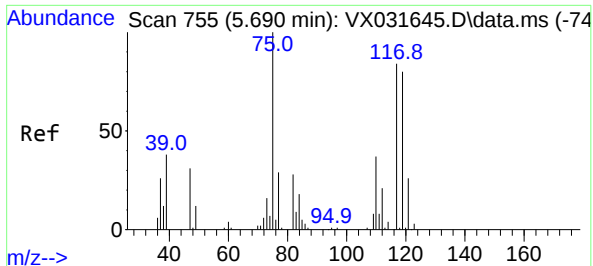
Tgt Ion:114 Resp: 110792
Ion Ratio Lower Upper
114 100
63 17.4 0.0 42.6
88 14.3 0.0 33.0



#35
Dibromofluoromethane
Concen: 46.080 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031800.D
Acq: 30 Sep 2022 05:20

Tgt Ion:113 Resp: 60830
Ion Ratio Lower Upper
113 100
111 103.7 82.4 123.6
192 19.3 14.1 21.1

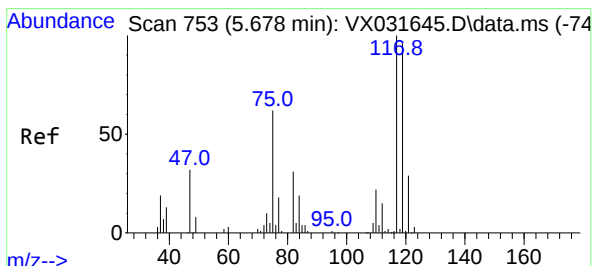
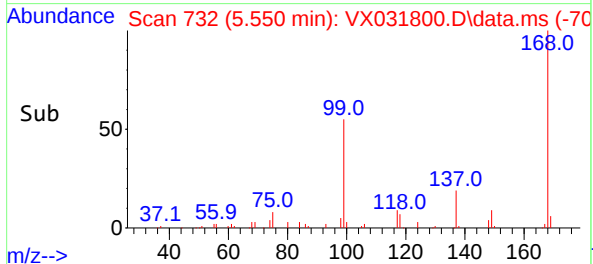
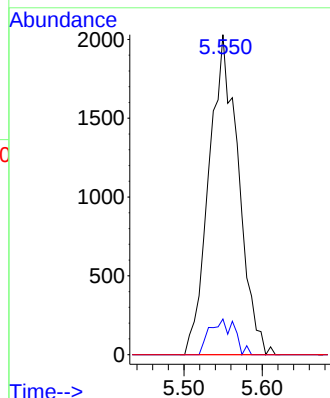
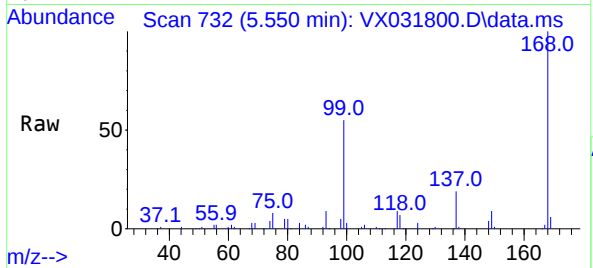




#36
1,1-Dichloropropene
Concen: 3.489 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX031800.D
Acq: 30 Sep 2022 05:20

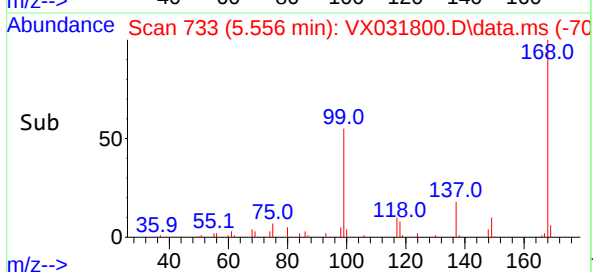
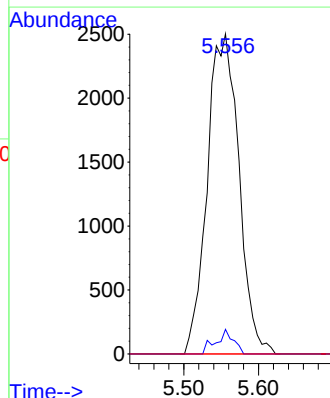
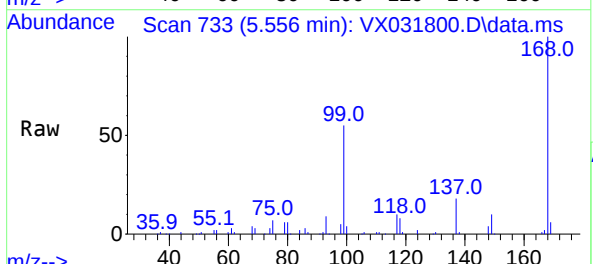
Instrument :
MSVOA_X
ClientSampleId :
MW-12

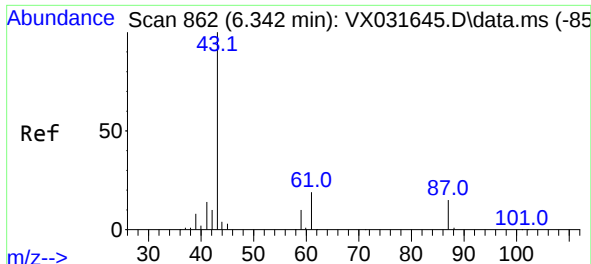
Tgt Ion: 75 Resp: 5289
Ion Ratio Lower Upper
75 100
110 9.4 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 4.307 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX031800.D
Acq: 30 Sep 2022 05:20

Tgt Ion: 117 Resp: 7359
Ion Ratio Lower Upper
117 100
119 7.7 74.6 112.0#
121 0.0 25.3 37.9#





#43

Isopropyl Acetate

Concen: 0.398 ug/l

RT: 6.239 min Scan# 84

Delta R.T. -0.103 min

Lab File: VX031800.D

Acq: 30 Sep 2022 05:20

Instrument :

MSVOA_X

ClientSampleId :

MW-12

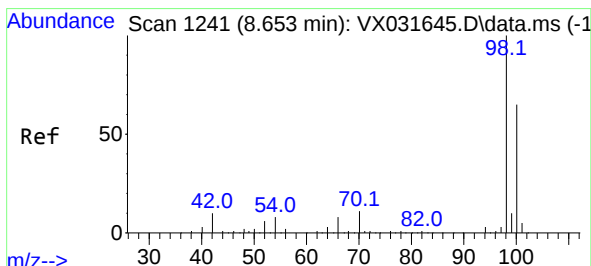
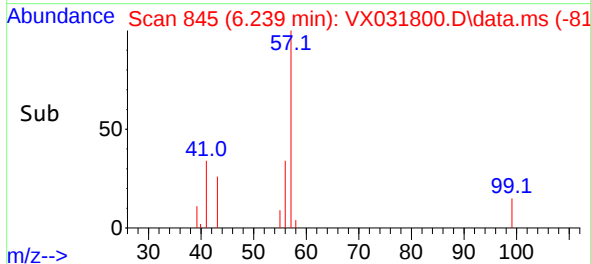
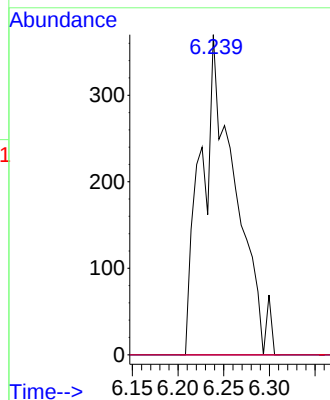
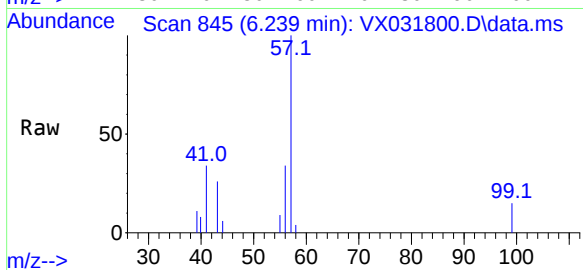
Tgt Ion: 43 Resp: 958

Ion Ratio Lower Upper

43 100

61 0.0 15.3 22.9#

87 0.0 10.6 15.8#



#50

Toluene-d8

Concen: 44.088 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX031800.D

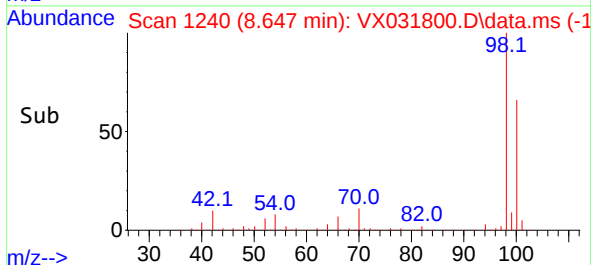
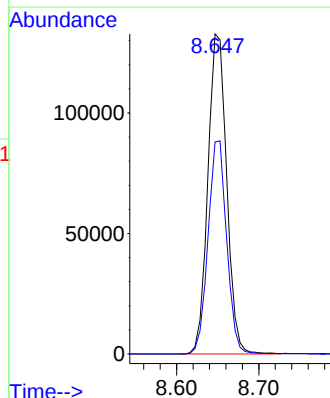
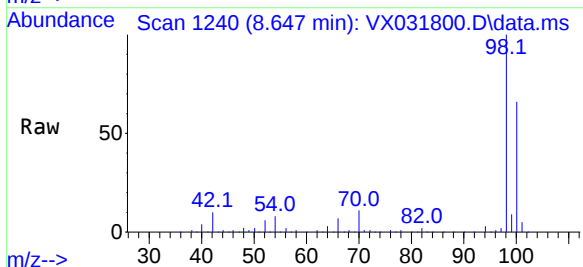
Acq: 30 Sep 2022 05:20

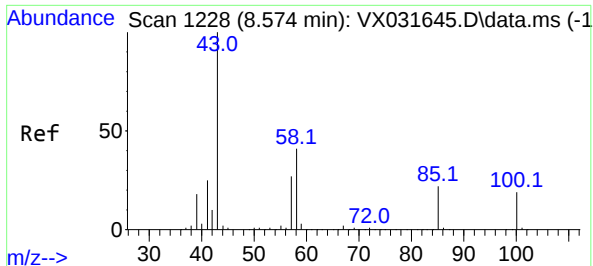
Tgt Ion: 98 Resp: 211003

Ion Ratio Lower Upper

98 100

100 66.0 52.5 78.7

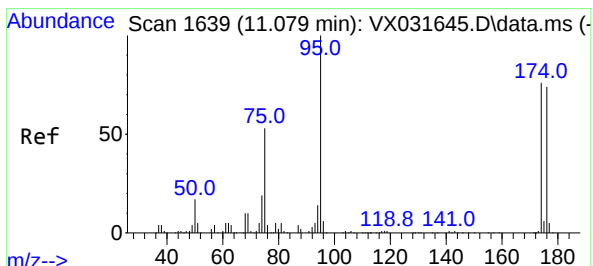
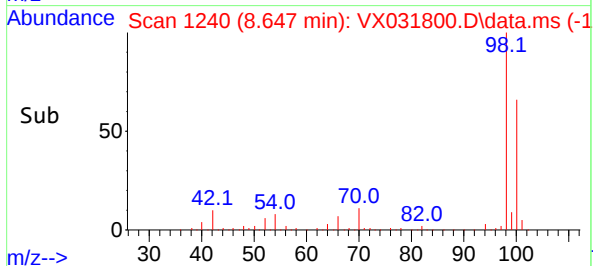
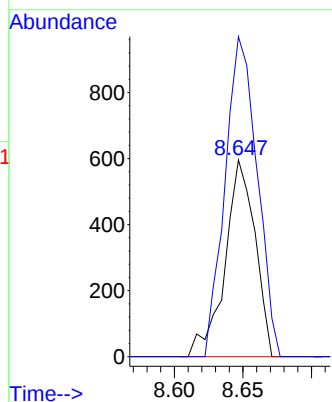
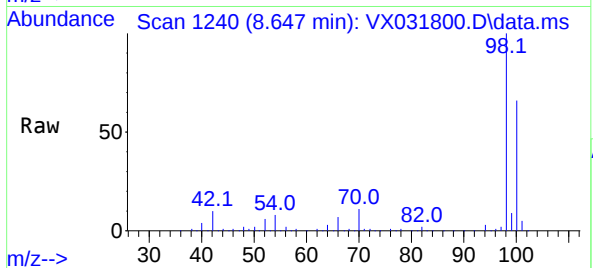




#51
4-Methyl-2-Pentanone
Concen: 0.597 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX031800.D
Acq: 30 Sep 2022 05:20

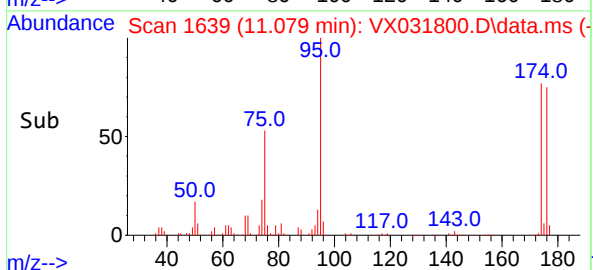
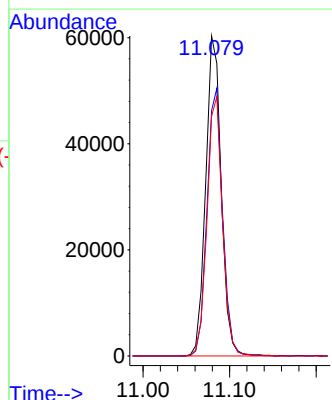
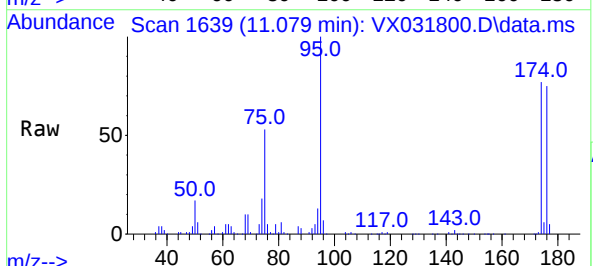
Instrument :
MSVOA_X
ClientSampleId :
MW-12

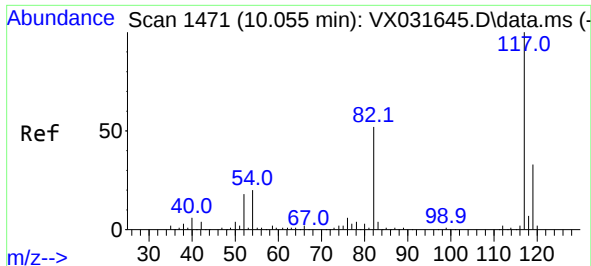
Tgt Ion: 43 Resp: 910
Ion Ratio Lower Upper
43 100
58 173.6 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 42.739 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031800.D
Acq: 30 Sep 2022 05:20

Tgt Ion: 95 Resp: 74970
Ion Ratio Lower Upper
95 100
174 84.2 0.0 153.2
176 80.7 0.0 144.0

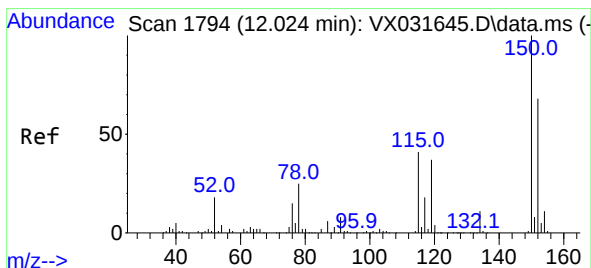
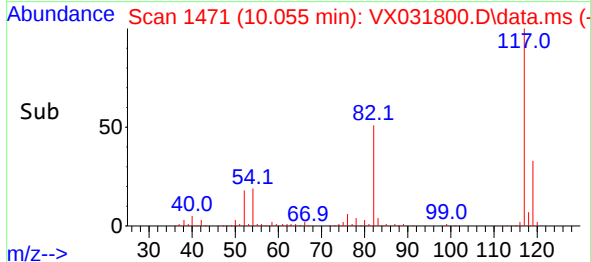
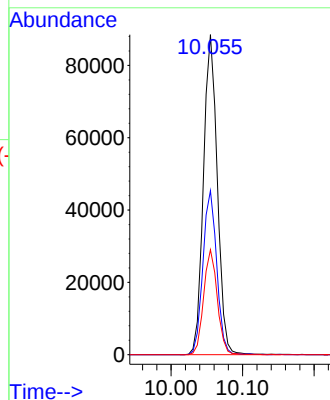
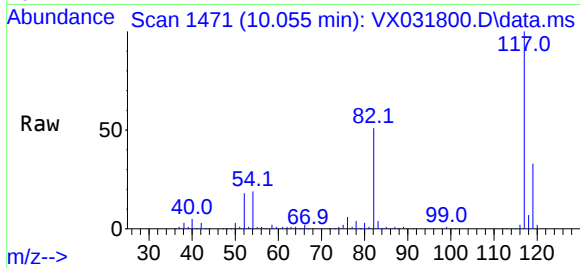




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031800.D
Acq: 30 Sep 2022 05:20

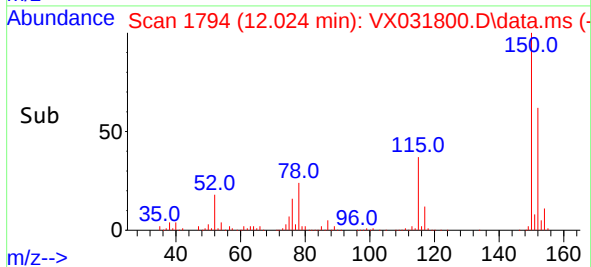
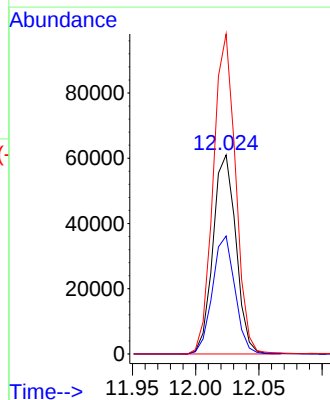
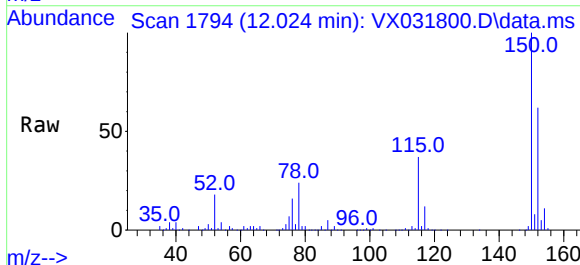
Instrument :
MSVOA_X
ClientSampleId :
MW-12

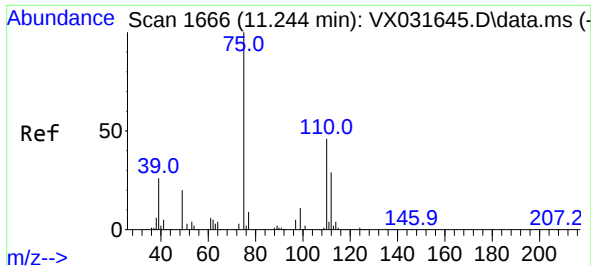
Tgt Ion:117 Resp: 119368
Ion Ratio Lower Upper
117 100
82 51.3 46.8 70.2
119 32.8 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031800.D
Acq: 30 Sep 2022 05:20

Tgt Ion:152 Resp: 77092
Ion Ratio Lower Upper
152 100
115 58.2 43.4 130.1
150 156.4 0.0 346.8

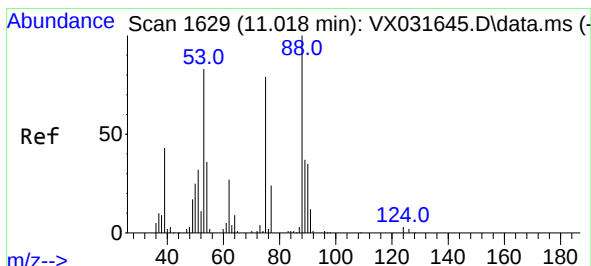
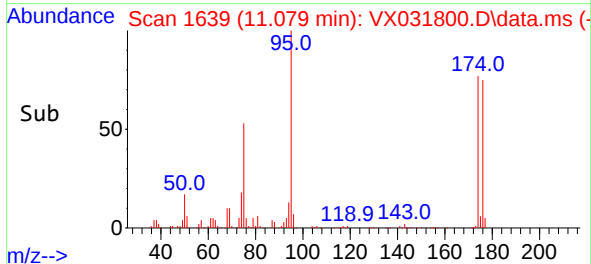
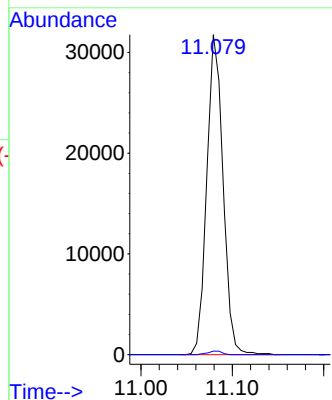
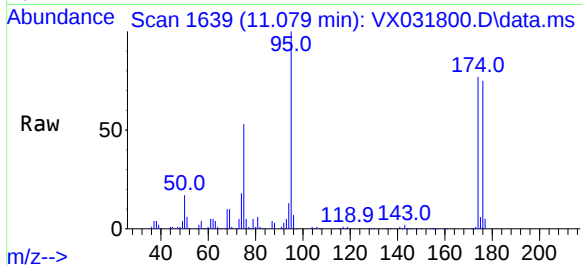




#76
1,2,3-Trichloropropane
Concen: 27.981 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031800.D
Acq: 30 Sep 2022 05:20

Instrument :
MSVOA_X
ClientSampleId :
MW-12

Tgt Ion: 75 Resp: 39106
Ion Ratio Lower Upper
75 100
77 1.0 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.433 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031800.D
Acq: 30 Sep 2022 05:20

Tgt Ion: 75 Resp: 39106
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

