

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040822\
 Data File : VX028036.D
 Acq On : 08 Apr 2022 18:40
 Operator : JC/MD
 Sample : N2334-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19R

Quant Time: Apr 11 01:19:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 07 18:12:28 2022
 Response via : Initial Calibration

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

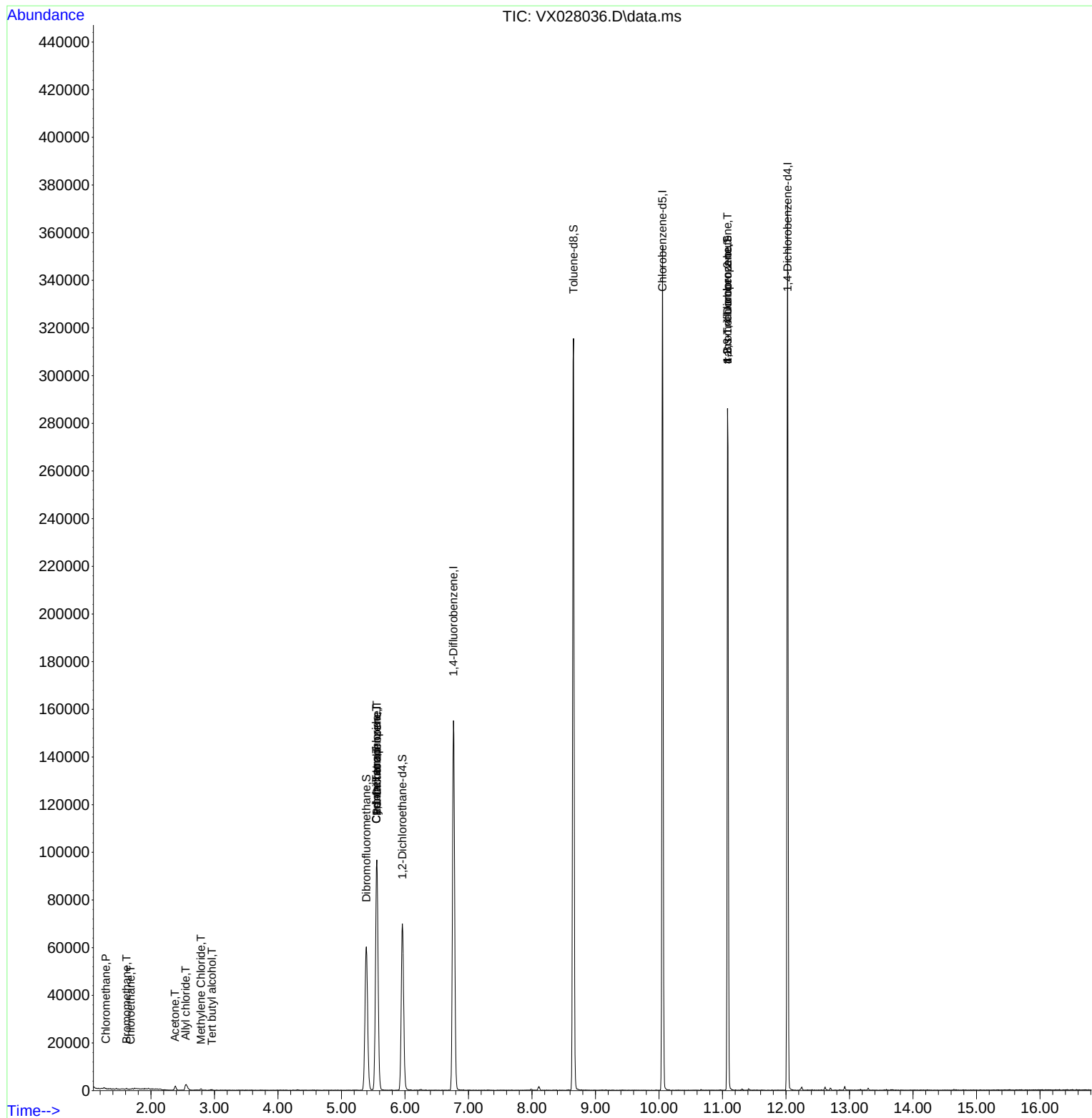
Internal Standards						
1) Pentafluorobenzene	5.556	168	81634	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	144669	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	157643	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73864	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72529	58.528	ug/l	0.00
Spiked Amount 50.000	Range	61 - 141	Recovery	=	117.060%	
35) Dibromofluoromethane	5.391	113	51238	52.763	ug/l	0.00
Spiked Amount 50.000	Range	69 - 133	Recovery	=	105.520%	
50) Toluene-d8	8.653	98	183135	52.854	ug/l	0.00
Spiked Amount 50.000	Range	65 - 126	Recovery	=	105.700%	
62) 4-Bromofluorobenzene	11.079	95	78949	53.600	ug/l	0.00
Spiked Amount 50.000	Range	58 - 135	Recovery	=	107.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	43	1.507	ug/l #	42
5) Bromomethane	1.618	94	116	0.975	ug/l #	74
6) Chloroethane	1.679	64	31	1.604	ug/l #	43
11) Tert butyl alcohol	2.959	59	78	0.357	ug/l #	72
14) Allyl chloride	2.544	41	359	0.245	ug/l #	74
16) Acetone	2.380	43	2103	0.641	ug/l	94
20) Methylene Chloride	2.788	84	163	2.497	ug/l #	59
31) Cyclohexane	5.550	56	2347	1.562	ug/l #	40
36) 1,1-Dichloropropene	5.556	75	7694	5.388	ug/l #	49
38) Carbon Tetrachloride	5.550	117	9459	6.120	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	39592	21.852	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	39592	68.562	ug/l #	15

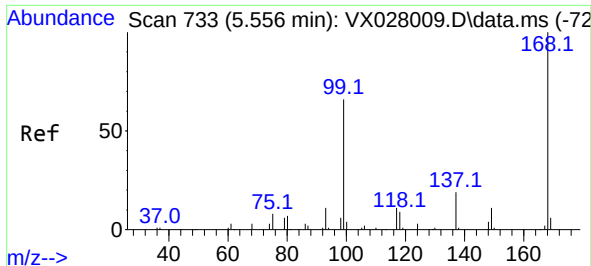
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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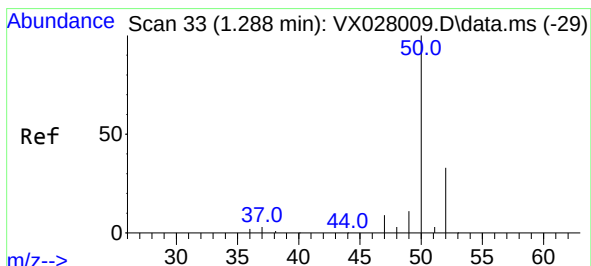
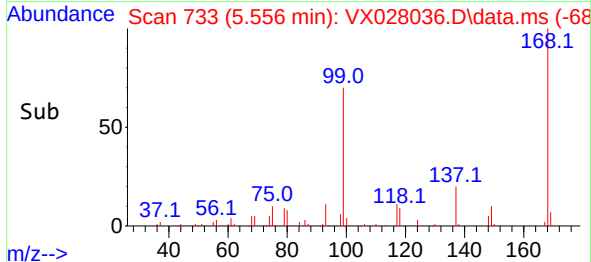
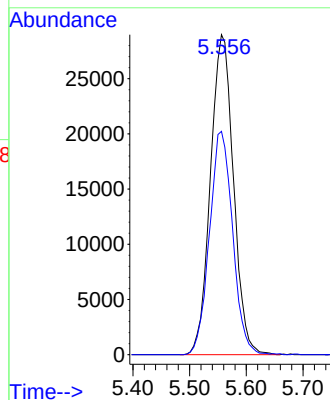
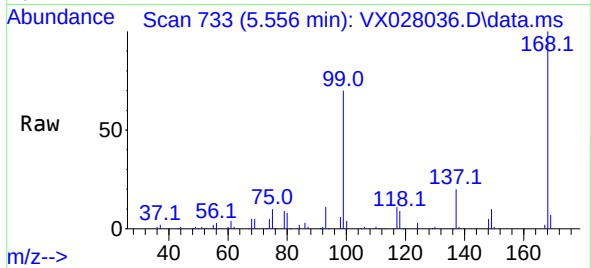




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX028036.D
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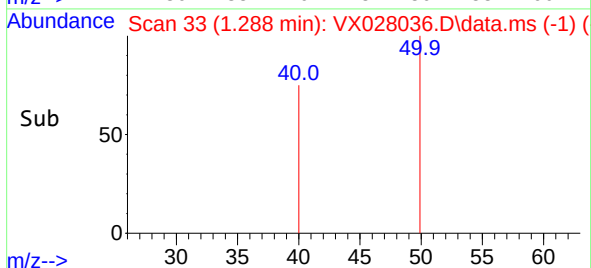
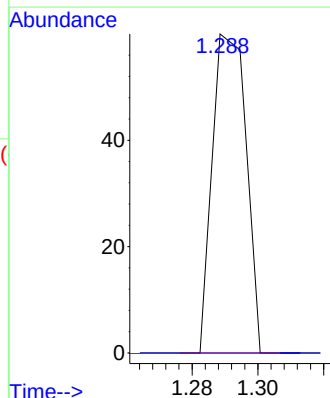
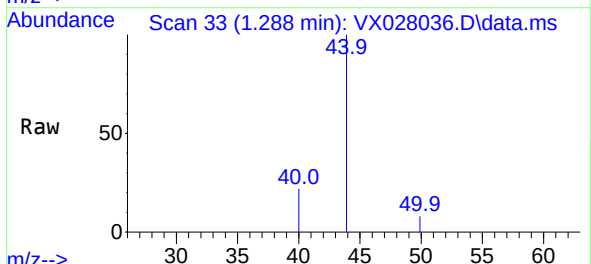
Instrument :
MSVOA_X
ClientSampleId :
MW-19R

Tgt Ion:168 Resp: 81634
Ion Ratio Lower Upper
168 100
99 69.8 41.7 62.5#

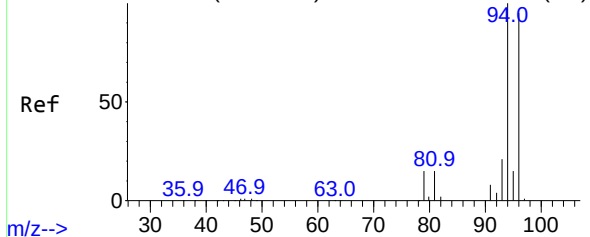


#3
Chloromethane
Concen: 1.507 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX028036.D
Acq: 08 Apr 2022 18:40

Tgt Ion: 50 Resp: 43
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#



Abundance Scan 84 (1.599 min): VX028009.D\data.ms (-79)



#5

Bromomethane

Concen: 0.975 ug/l

RT: 1.618 min Scan# 81

Delta R.T. 0.019 min

Lab File: VX028036.D

Acq: 08 Apr 2022 18:40

Instrument :

MSVOA_X

ClientSampleId :

MW-19R

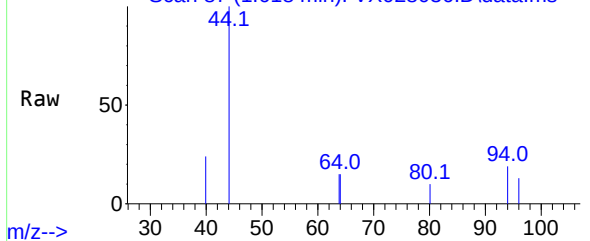
Tgt Ion: 94 Resp: 116

Ion Ratio Lower Upper

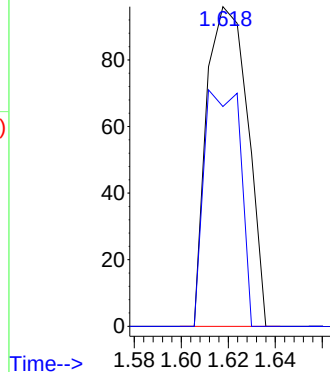
94 100

96 68.8 75.3 112.9#

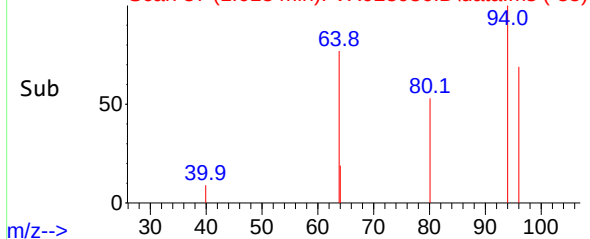
Abundance Scan 87 (1.618 min): VX028036.D\data.ms



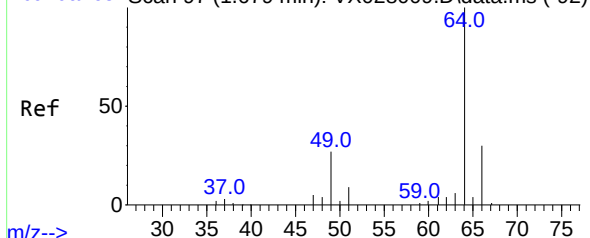
Abundance



Abundance Scan 87 (1.618 min): VX028036.D\data.ms (-35)



Abundance Scan 97 (1.679 min): VX028009.D\data.ms (-92)



#6

Chloroethane

Concen: 1.604 ug/l

RT: 1.679 min Scan# 97

Delta R.T. -0.000 min

Lab File: VX028036.D

Acq: 08 Apr 2022 18:40

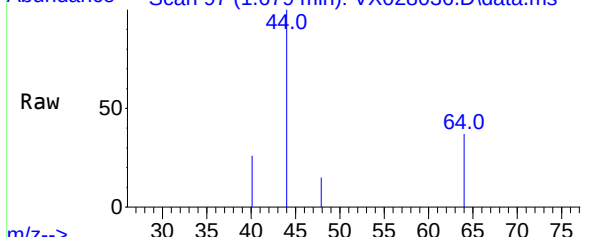
Tgt Ion: 64 Resp: 31

Ion Ratio Lower Upper

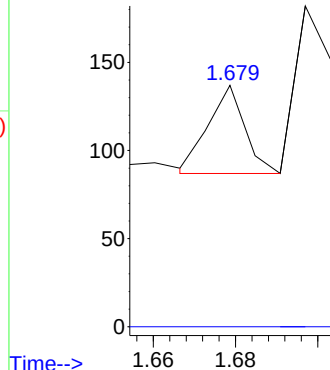
64 100

66 0.0 25.3 37.9#

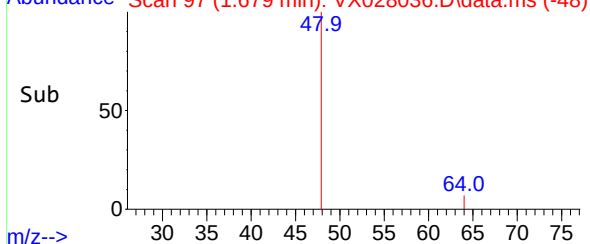
Abundance Scan 97 (1.679 min): VX028036.D\data.ms

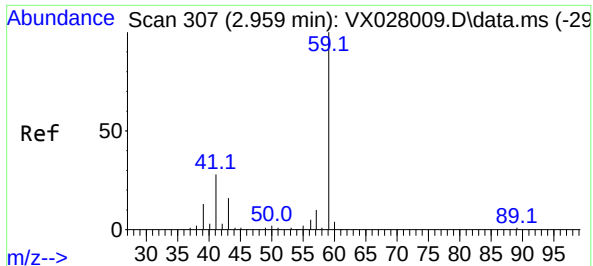


Abundance



Abundance Scan 97 (1.679 min): VX028036.D\data.ms (-48)





#11

Tert butyl alcohol

Concen: 0.357 ug/l

RT: 2.959 min Scan# 307

Delta R.T. -0.000 min

Lab File: VX028036.D

Acq: 08 Apr 2022 18:40

Instrument :

MSVOA_X

ClientSampleId :

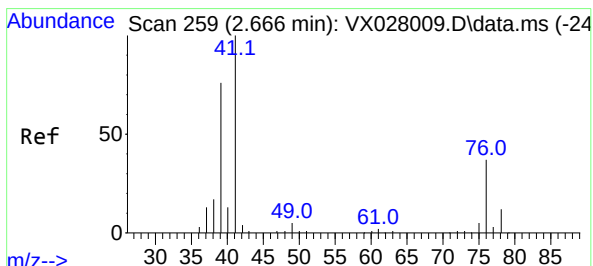
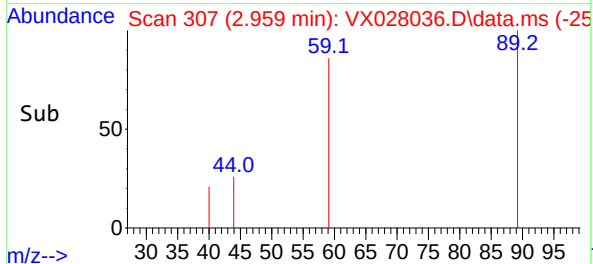
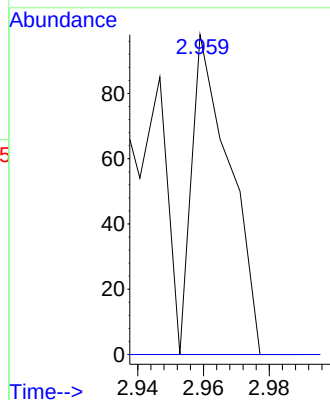
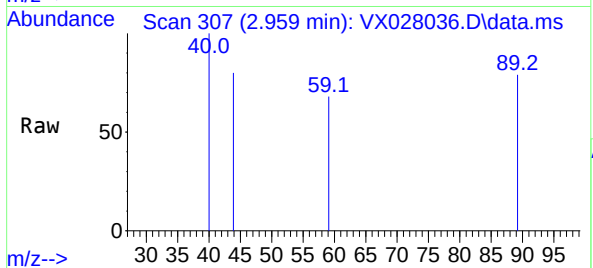
MW-19R

Tgt Ion: 59 Resp: 78

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#14

Allyl chloride

Concen: 0.245 ug/l

RT: 2.544 min Scan# 239

Delta R.T. -0.122 min

Lab File: VX028036.D

Acq: 08 Apr 2022 18:40

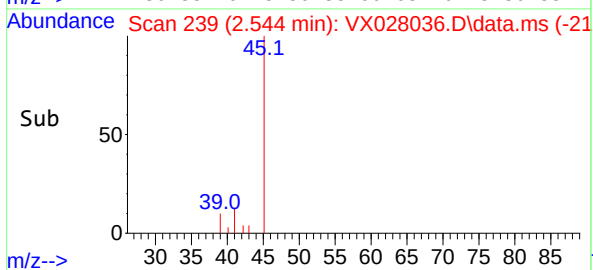
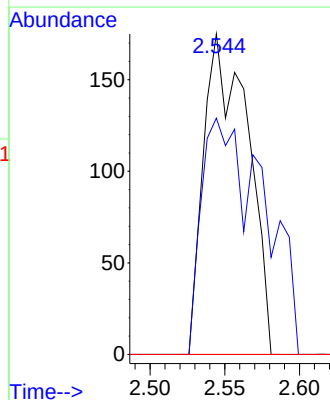
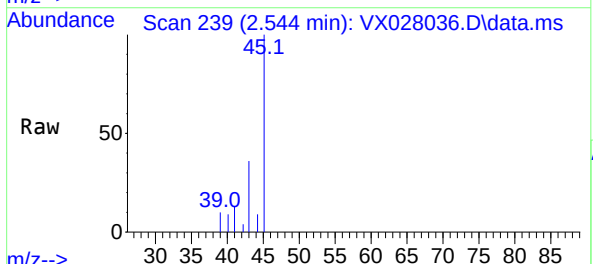
Tgt Ion: 41 Resp: 359

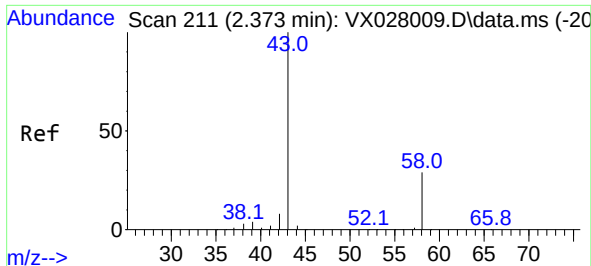
Ion Ratio Lower Upper

41 100

39 63.0 50.4 75.6

76 0.0 32.7 49.1#

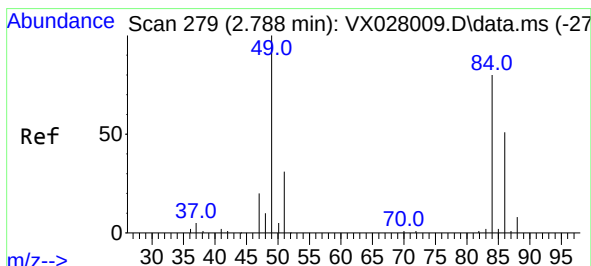
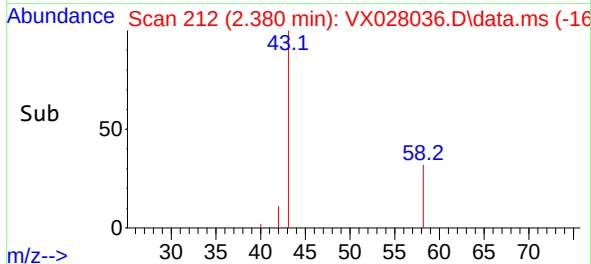
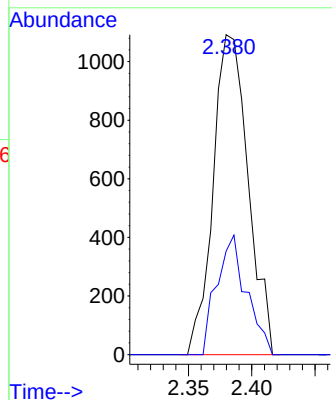
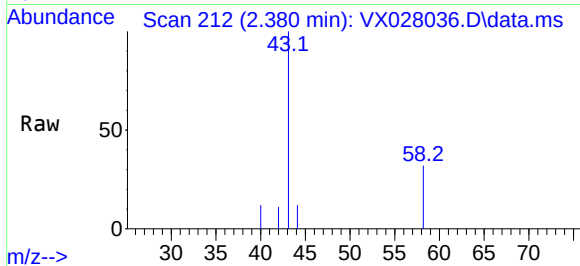




#16
Acetone
Concen: 0.641 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028036.D
Acq: 08 Apr 2022 18:40

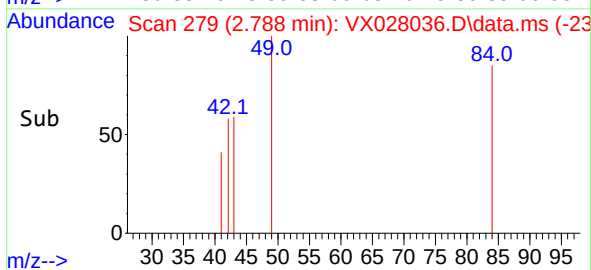
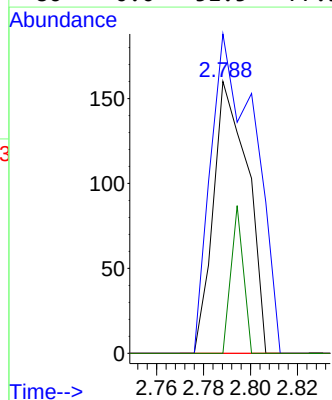
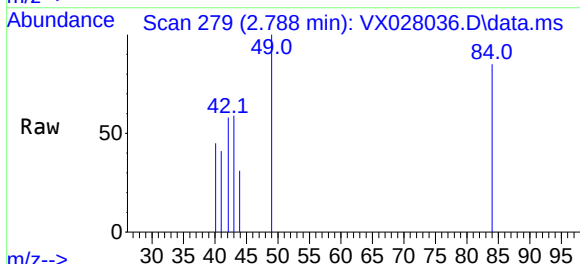
Instrument :
MSVOA_X
ClientSampleId :
MW-19R

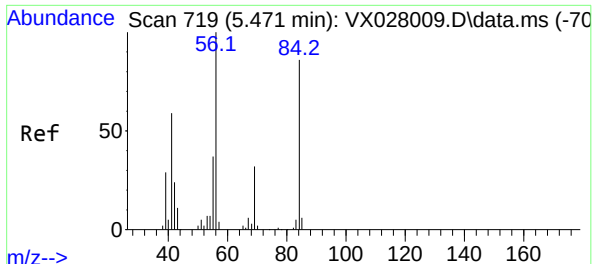
Tgt Ion: 43 Resp: 2103
Ion Ratio Lower Upper
43 100
58 32.3 28.8 43.2



#20
Methylene Chloride
Concen: 2.497 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028036.D
Acq: 08 Apr 2022 18:40

Tgt Ion: 84 Resp: 163
Ion Ratio Lower Upper
84 100
49 117.5 85.5 128.3
51 0.0 26.6 39.8#
86 0.0 51.5 77.3#

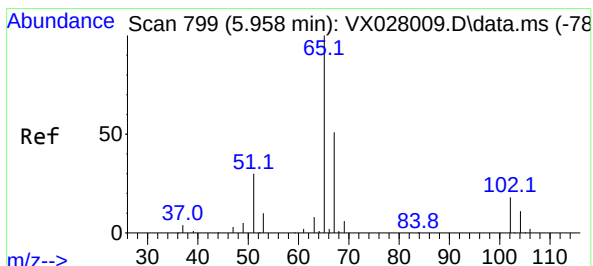
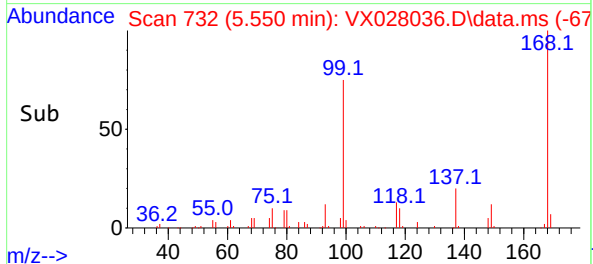
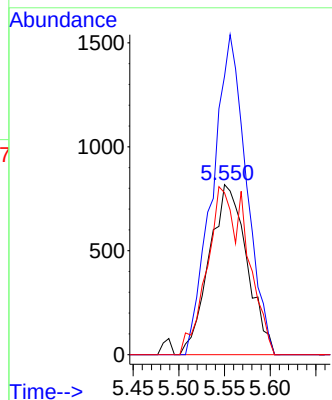
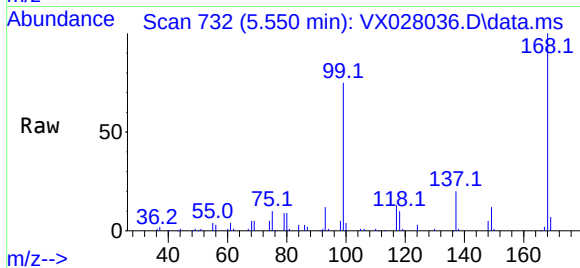




#31
Cyclohexane
Concen: 1.562 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX028036.D
Acq: 08 Apr 2022 18:40

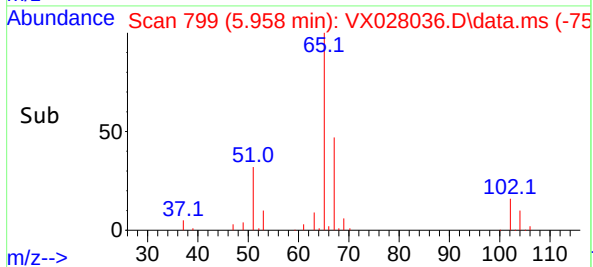
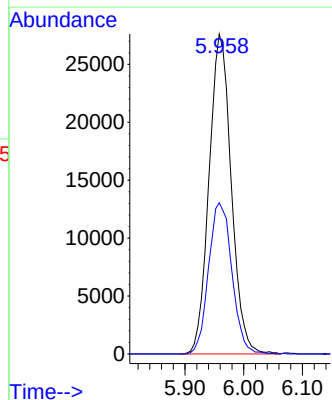
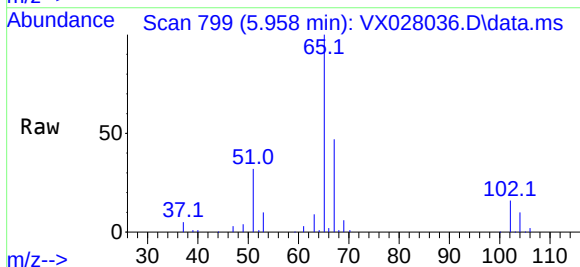
Instrument :
MSVOA_X
ClientSampleId :
MW-19R

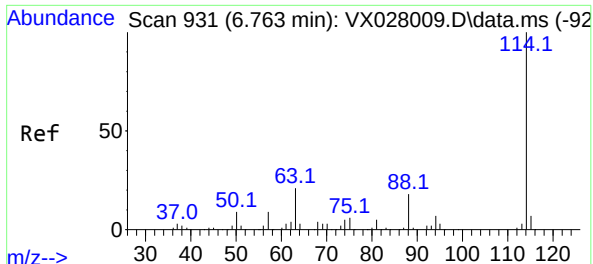
Tgt Ion: 56 Resp: 2347
Ion Ratio Lower Upper
56 100
69 163.7 26.7 40.1#
84 95.2 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 58.528 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028036.D
Acq: 08 Apr 2022 18:40

Tgt Ion: 65 Resp: 72529
Ion Ratio Lower Upper
65 100
67 49.6 0.0 107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX028036.D

Acq: 08 Apr 2022 18:40

Instrument :

MSVOA_X

ClientSampleId :

MW-19R

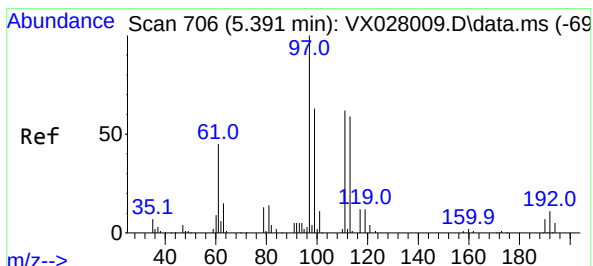
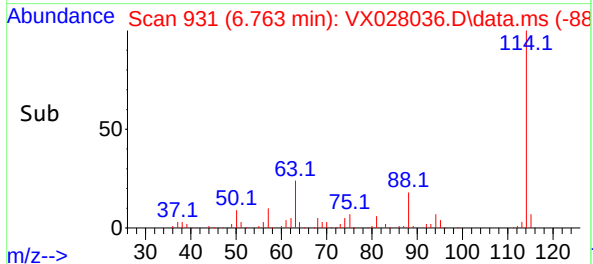
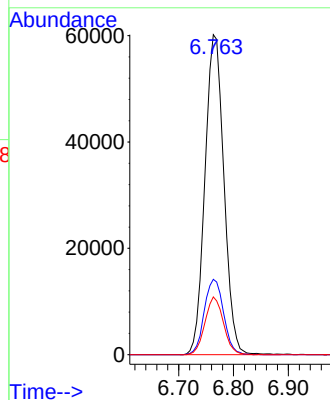
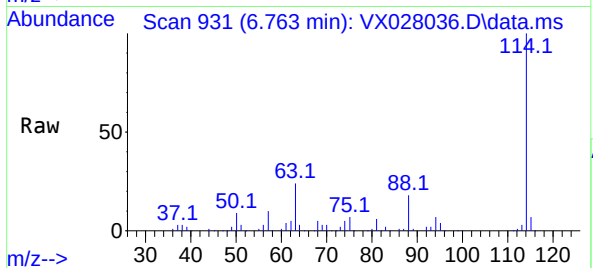
Tgt Ion:114 Resp: 144669

Ion Ratio Lower Upper

114 100

63 23.5 0.0 36.8

88 18.1 0.0 32.4



#35

Dibromofluoromethane

Concen: 52.763 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX028036.D

Acq: 08 Apr 2022 18:40

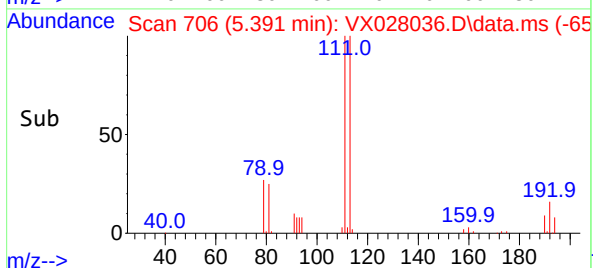
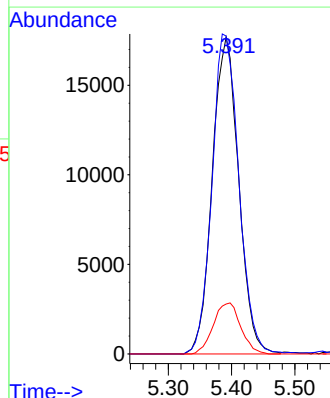
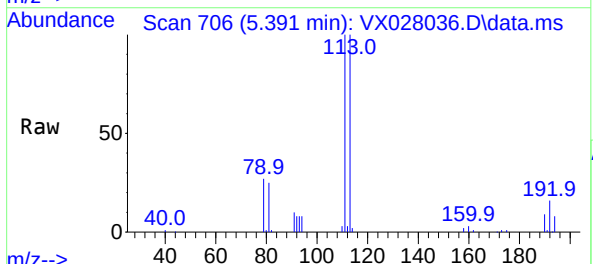
Tgt Ion:113 Resp: 51238

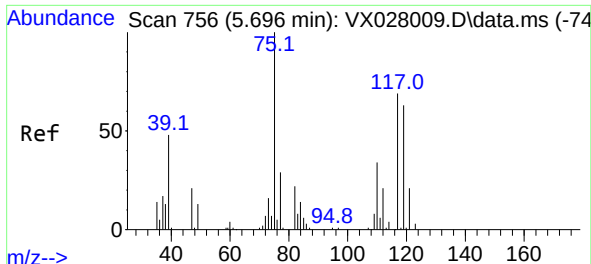
Ion Ratio Lower Upper

113 100

111 102.7 82.8 124.2

192 16.7 16.9 25.3#

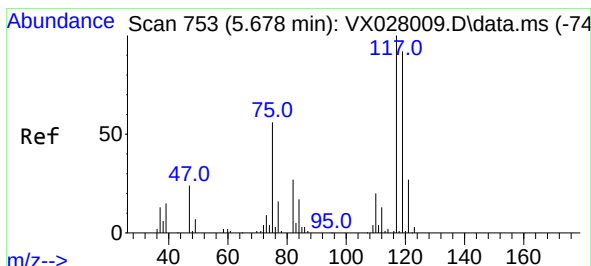
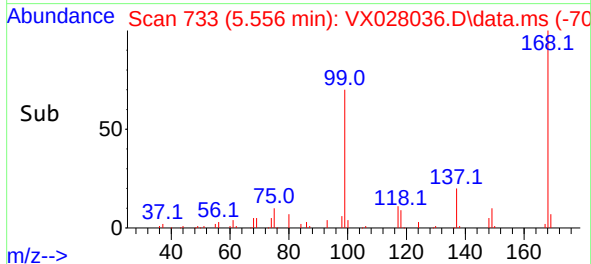
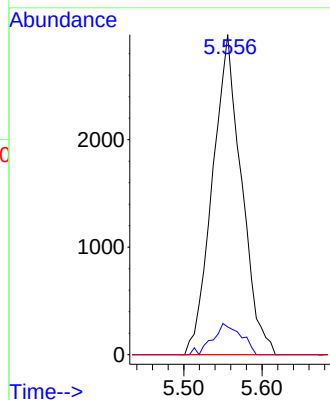
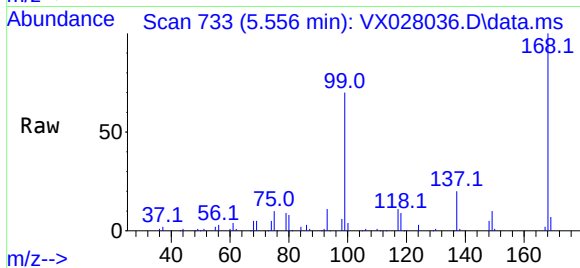




#36
1,1-Dichloropropene
Concen: 5.388 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX028036.D
Acq: 08 Apr 2022 18:40

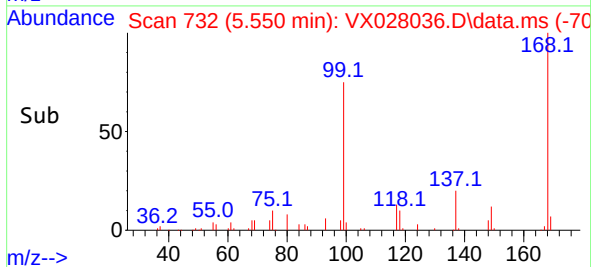
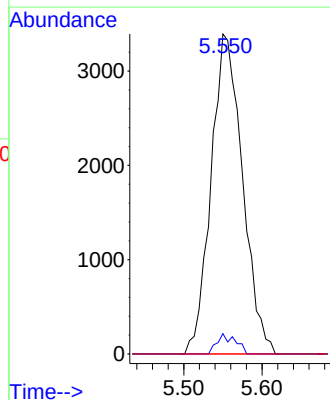
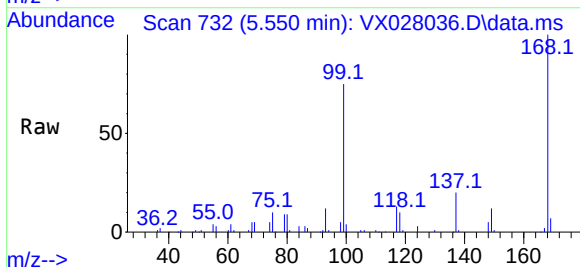
Instrument :
MSVOA_X
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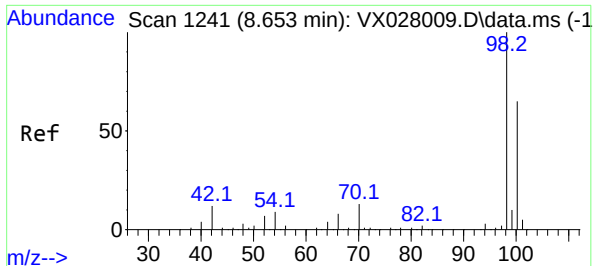
Tgt Ion: 75 Resp: 7694
Ion Ratio Lower Upper
75 100
110 9.5 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.120 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX028036.D
Acq: 08 Apr 2022 18:40

Tgt Ion: 117 Resp: 9459
Ion Ratio Lower Upper
117 100
119 6.4 77.3 115.9#
121 0.0 24.2 36.2#

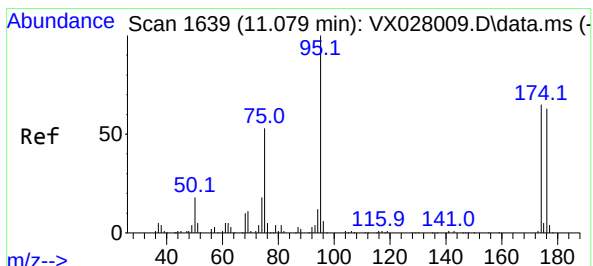
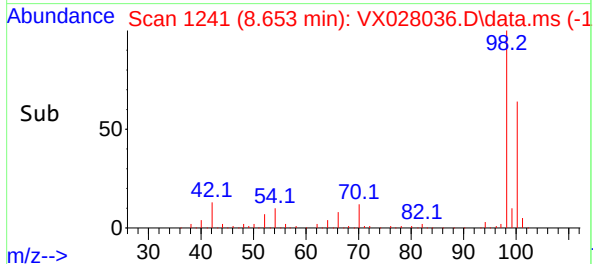
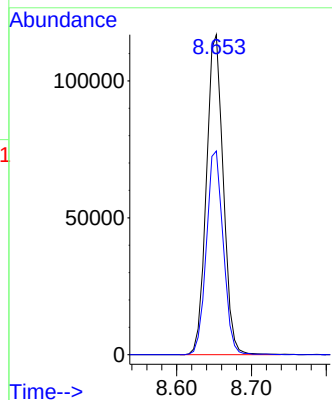
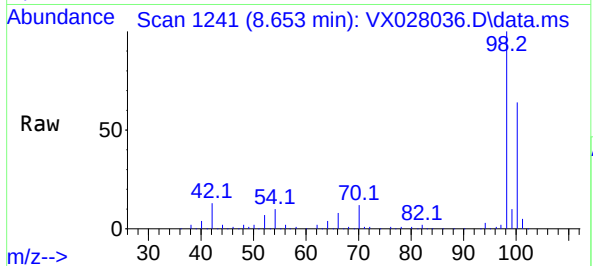




#50
Toluene-d8
Concen: 52.854 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX028036.D
Acq: 08 Apr 2022 18:40

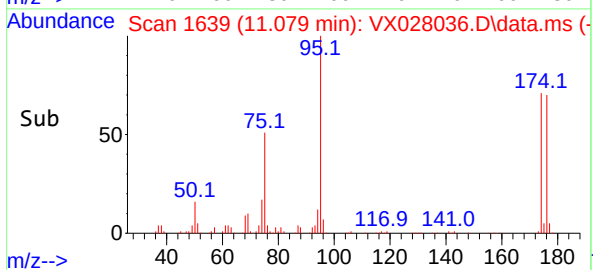
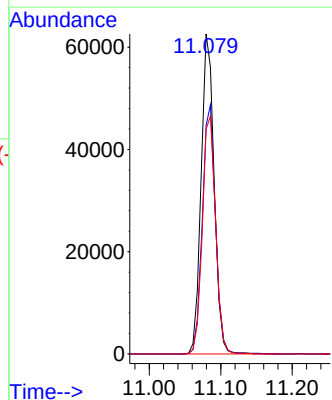
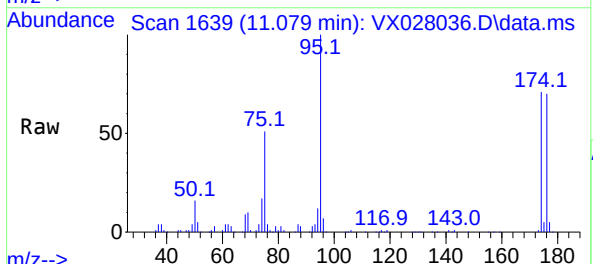
Instrument :
MSVOA_X
ClientSampleId :
MW-19R

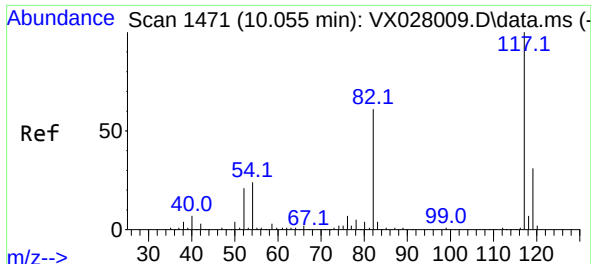
Tgt Ion: 98 Resp: 183135
Ion Ratio Lower Upper
98 100
100 63.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 53.600 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028036.D
Acq: 08 Apr 2022 18:40

Tgt Ion: 95 Resp: 78949
Ion Ratio Lower Upper
95 100
174 78.5 0.0 163.0
176 75.7 0.0 155.0

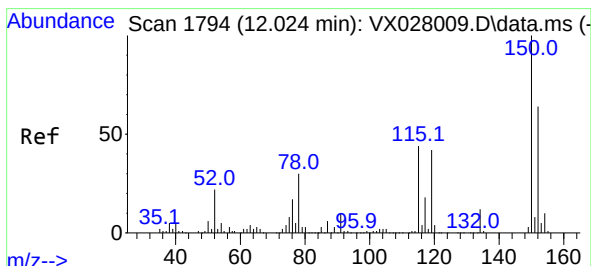
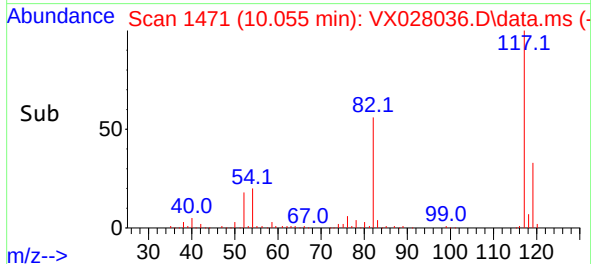
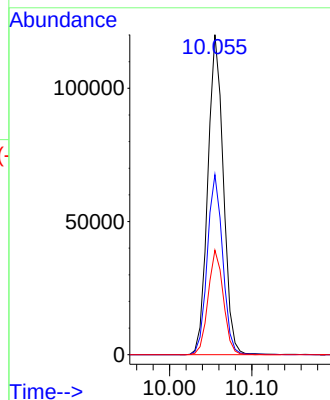
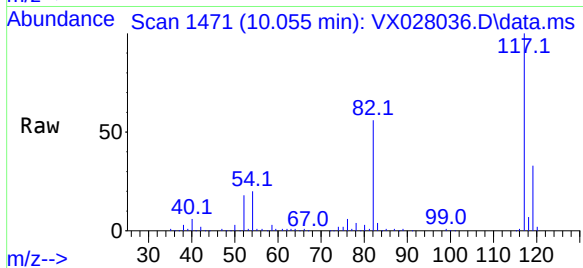




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028036.D
Acq: 08 Apr 2022 18:40

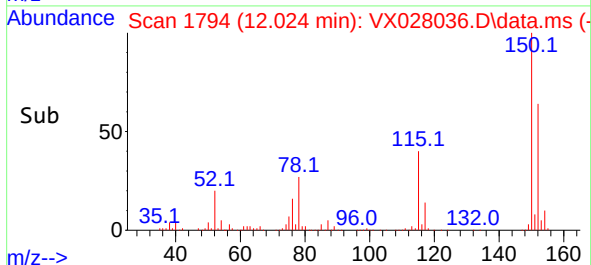
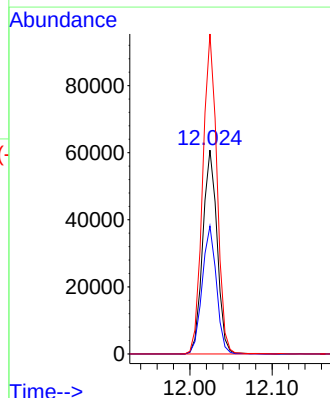
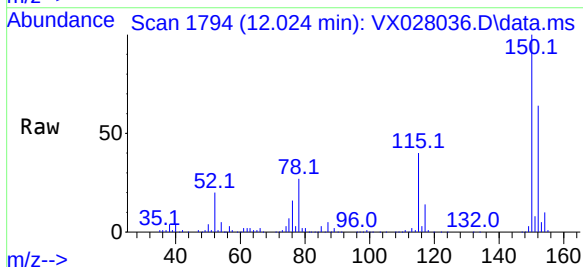
Instrument :
MSVOA_X
ClientSampleId :
MW-19R

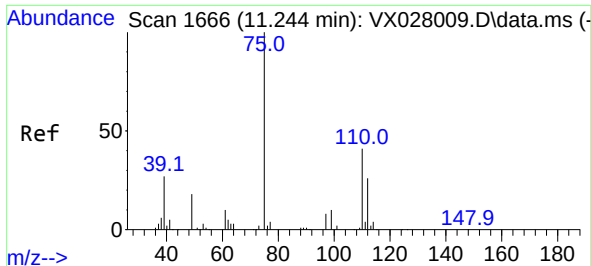
Tgt Ion:117 Resp: 157643
Ion Ratio Lower Upper
117 100
82 56.2 41.8 62.8
119 32.6 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028036.D
Acq: 08 Apr 2022 18:40

Tgt Ion:152 Resp: 73864
Ion Ratio Lower Upper
152 100
115 62.0 37.5 112.7
150 155.4 0.0 338.2

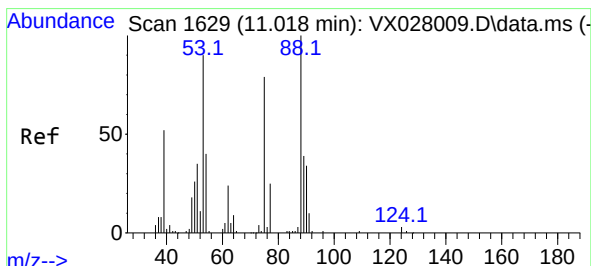
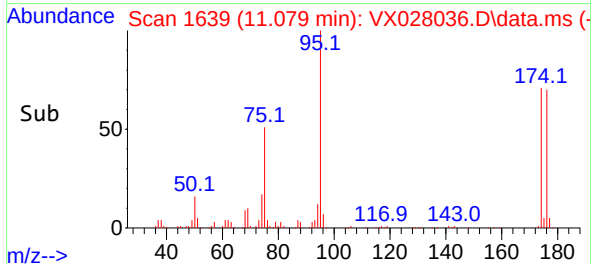
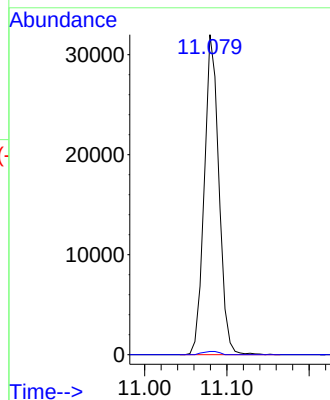
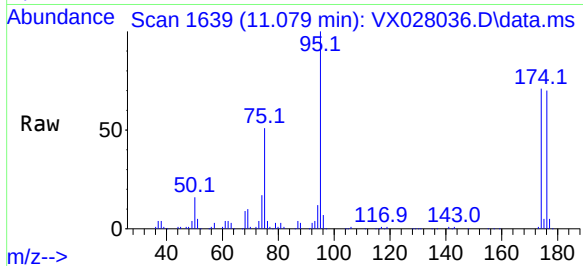




#76
1,2,3-Trichloropropane
Concen: 21.852 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028036.D
Acq: 08 Apr 2022 18:40

Instrument :
MSVOA_X
ClientSampleId :
MW-19R

Tgt Ion: 75 Resp: 39592
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.562 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028036.D
Acq: 08 Apr 2022 18:40

Tgt Ion: 75 Resp: 39592
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

