

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020922\
 Data File : VX026878.D
 Acq On : 09 Feb 2022 18:53
 Operator : JC/MD
 Sample : N1446-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 10 01:09:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

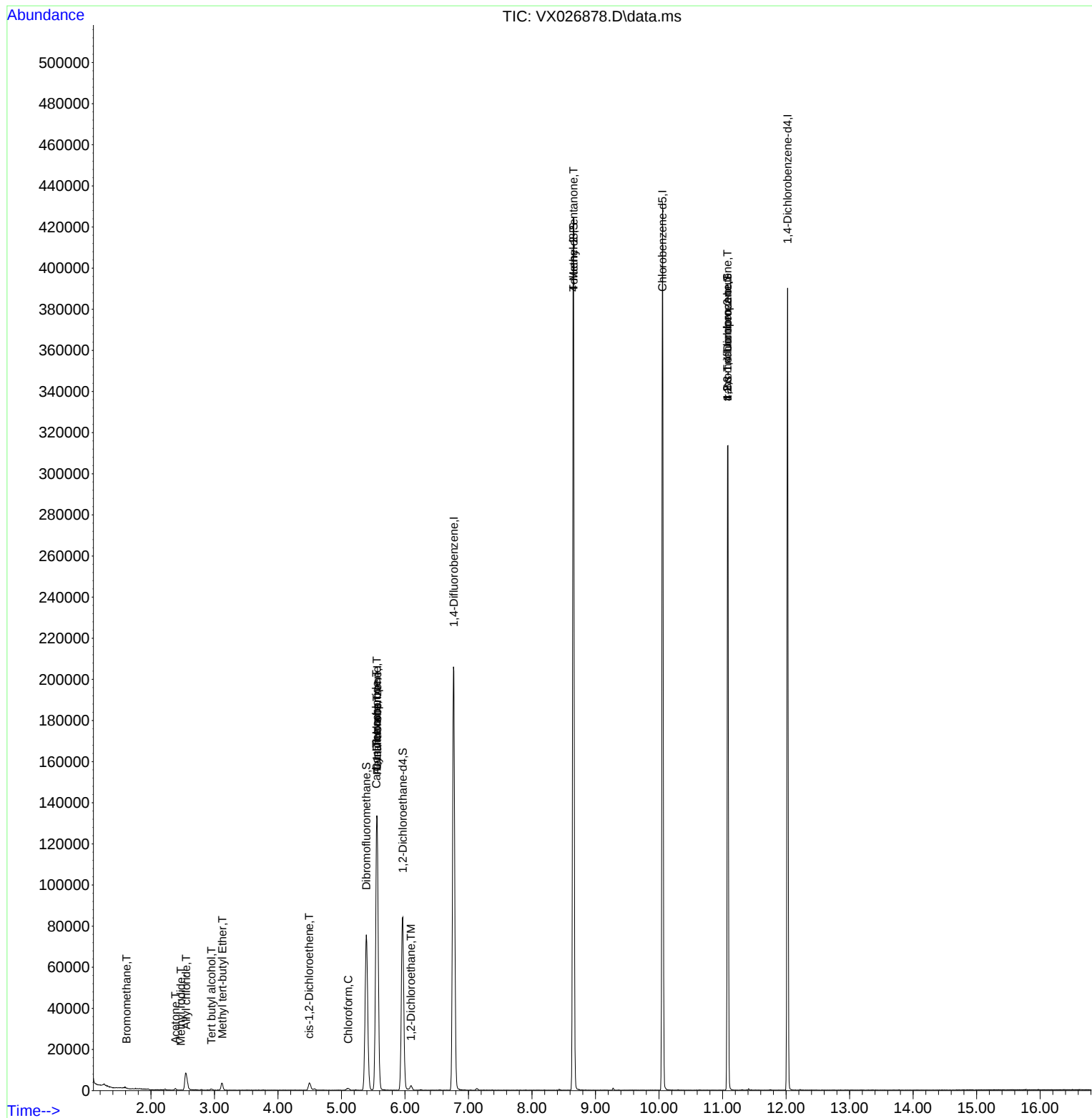
Internal Standards						
1) Pentafluorobenzene	5.562	168	127732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	215489	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	81824	53.365	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.720%	
35) Dibromofluoromethane	5.391	113	66778	52.014	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.020%	
50) Toluene-d8	8.653	98	248556	52.743	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.480%	
62) 4-Bromofluorobenzene	11.079	95	89012	53.649	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.300%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	153	0.267	ug/l	85
10) Methyl Iodide	2.471	142	20	2.264	ug/l #	37
11) Tert butyl alcohol	2.952	59	427	1.542	ug/l #	75
14) Allyl chloride	2.556	41	1315	0.568	ug/l #	57
16) Acetone	2.385	43	882	1.310	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	3741	0.809	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	2451	1.552	ug/l	86
30) Chloroform	5.104	83	1326	0.506	ug/l	95
31) Cyclohexane	5.556	56	2544	1.044	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9909	4.892	ug/l #	51
38) Carbon Tetrachloride	5.550	117	12877	6.063	ug/l #	16
42) 1,2-Dichloroethane	6.092	62	2515	1.209	ug/l	99
51) 4-Methyl-2-Pentanone	8.653	43	1097	0.511	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	44552	25.661	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	44552	78.183	ug/l #	3

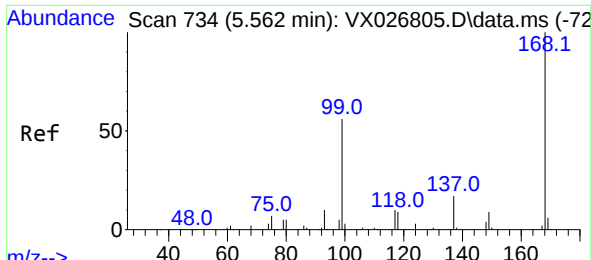
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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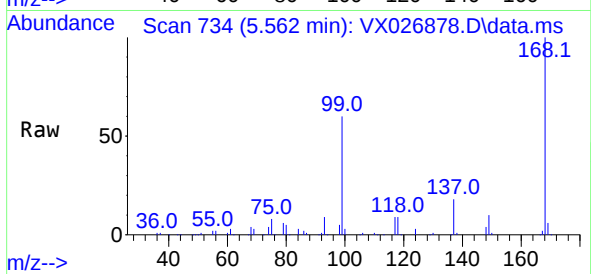
Quant Time: Feb 10 01:09:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
Response via : Initial Calibration



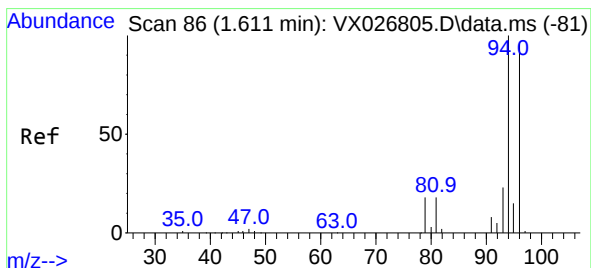
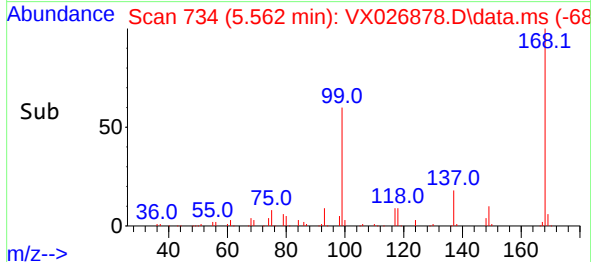
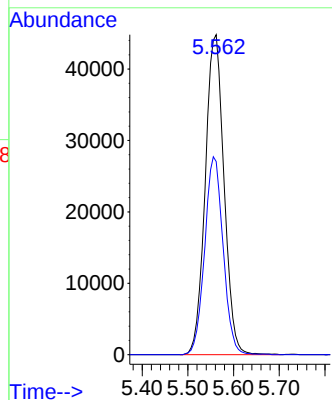


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026878.D
Acq: 09 Feb 2022 18:53

Instrument :
MSVOA_X
ClientSampleId :

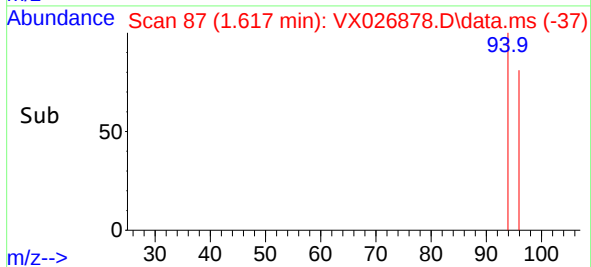
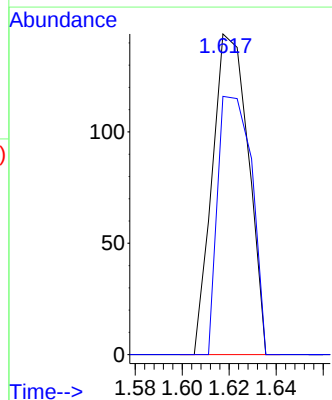
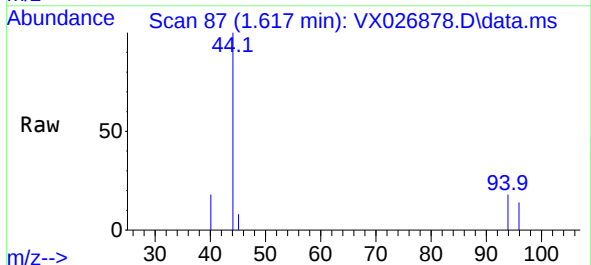


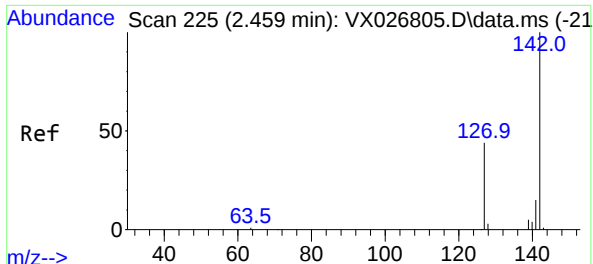
Tgt Ion:168 Resp: 127732
Ion Ratio Lower Upper
168 100
99 60.3 50.3 75.5



#5
Bromomethane
Concen: 0.267 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX026878.D
Acq: 09 Feb 2022 18:53

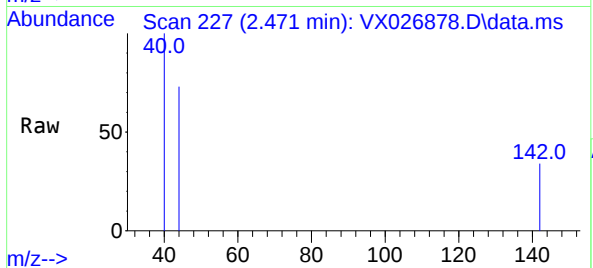
Tgt Ion: 94 Resp: 153
Ion Ratio Lower Upper
94 100
96 80.6 75.9 113.9



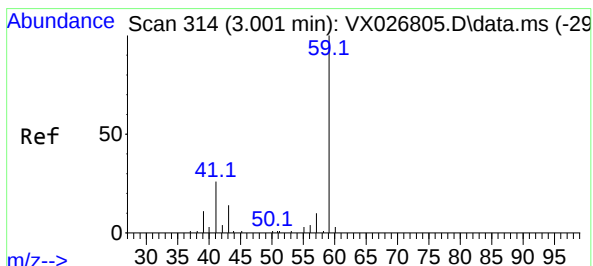
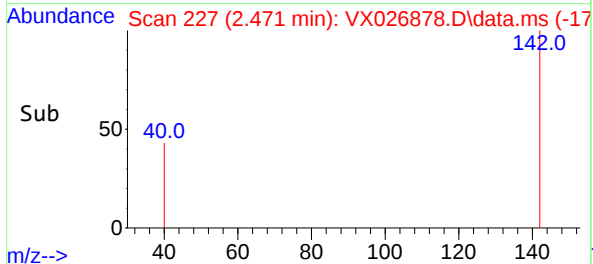
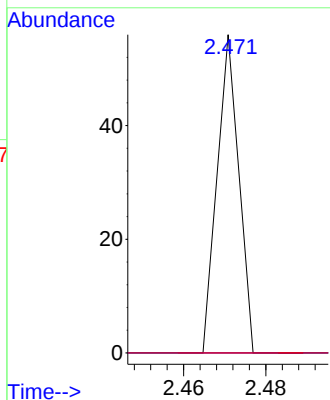


#10
Methyl Iodide
Concen: 2.264 ug/l
RT: 2.471 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX026878.D
Acq: 09 Feb 2022 18:53

Instrument :
MSVOA_X
ClientSampleId :

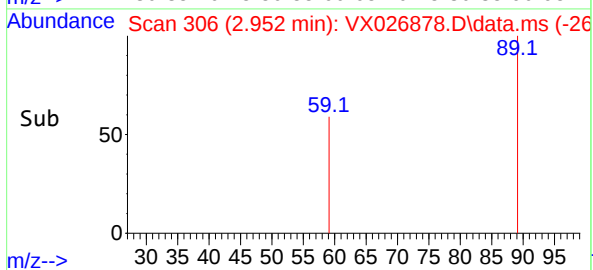
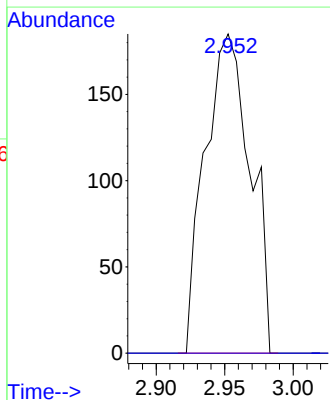
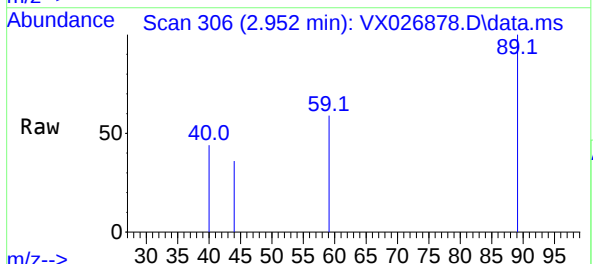


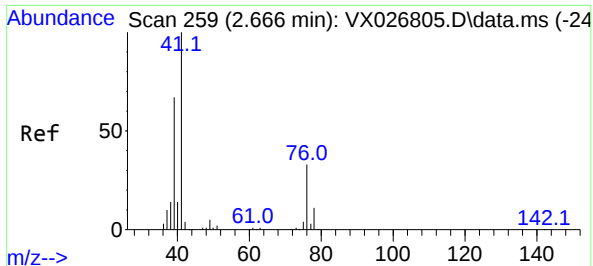
Tgt Ion:142 Resp: 20
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 1.542 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.049 min
Lab File: VX026878.D
Acq: 09 Feb 2022 18:53

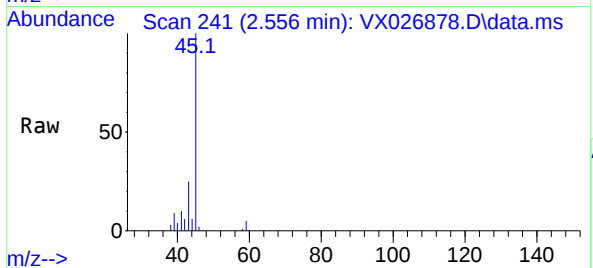
Tgt Ion: 59 Resp: 427
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#



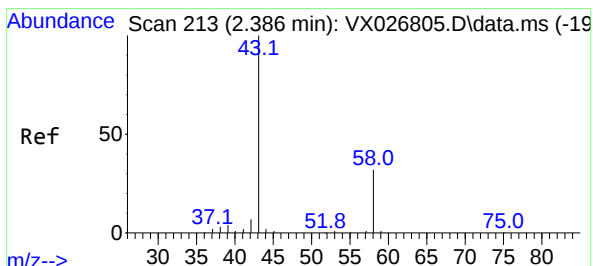
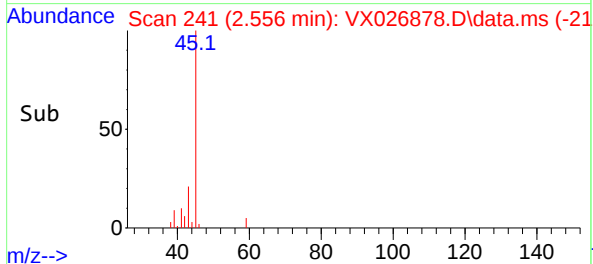
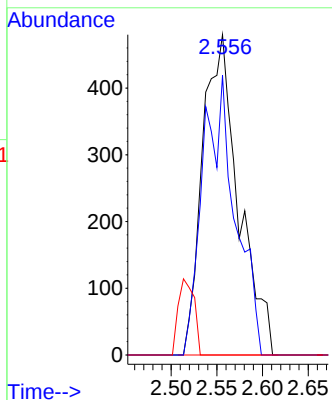


#14
Allyl chloride
Concen: 0.568 ug/l
RT: 2.556 min Scan# 241
Delta R.T. -0.110 min
Lab File: VX026878.D
Acq: 09 Feb 2022 18:53

Instrument :
MSVOA_X
ClientSampleId :

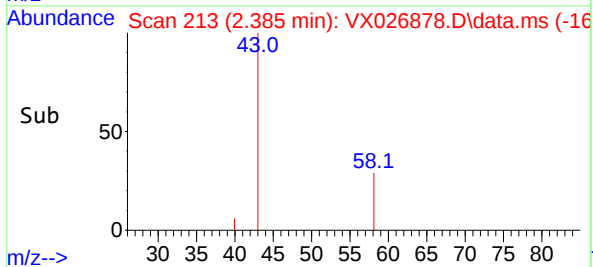
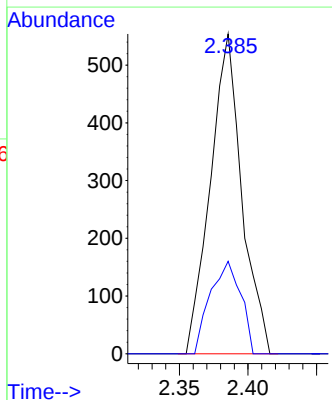
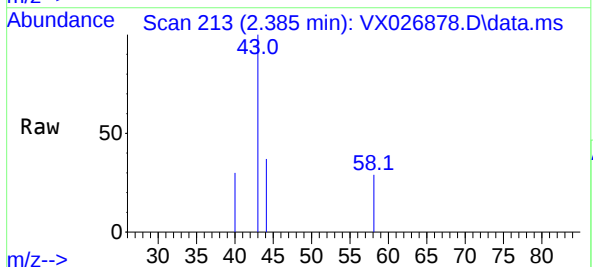


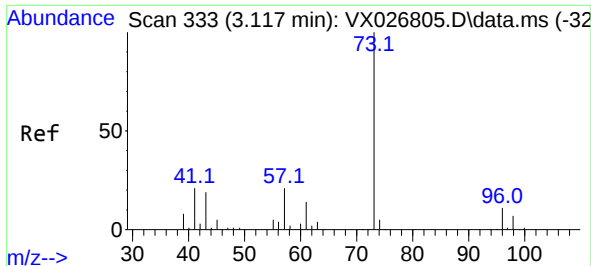
Tgt Ion: 41 Resp: 1315
Ion Ratio Lower Upper
41 100
39 38.7 54.2 81.4#
76 0.0 25.2 37.8#



#16
Acetone
Concen: 1.310 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX026878.D
Acq: 09 Feb 2022 18:53

Tgt Ion: 43 Resp: 882
Ion Ratio Lower Upper
43 100
58 28.9 23.0 34.6





#19

Methyl tert-butyl Ether

Concen: 0.809 ug/l

RT: 3.123 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX026878.D

Acq: 09 Feb 2022 18:53

Instrument :

MSVOA_X

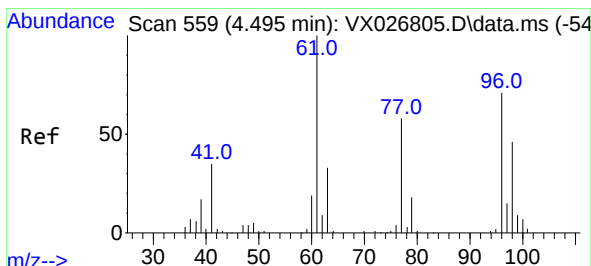
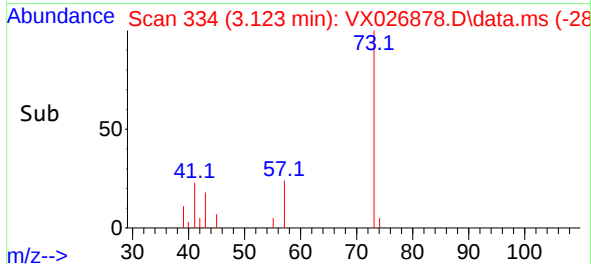
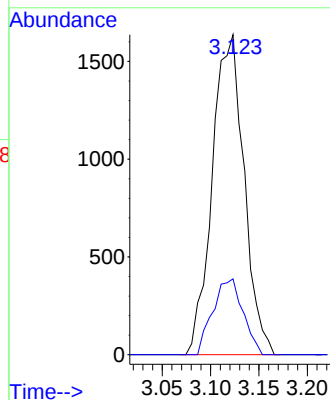
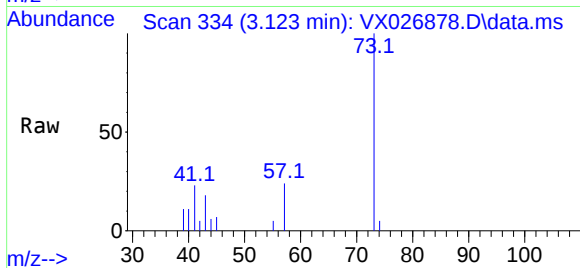
ClientSampleId :

Tgt Ion: 73 Resp: 3741

Ion Ratio Lower Upper

73 100

57 23.7 17.4 26.2



#27

cis-1,2-Dichloroethene

Concen: 1.552 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX026878.D

Acq: 09 Feb 2022 18:53

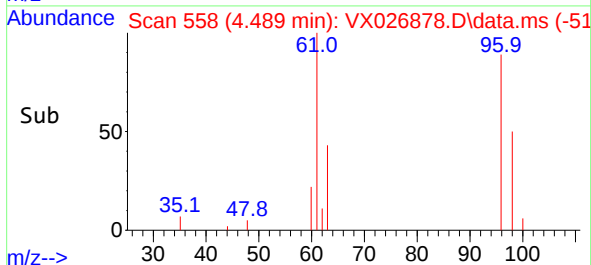
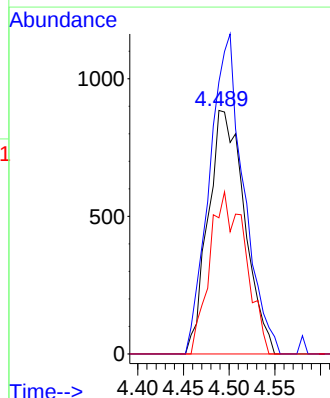
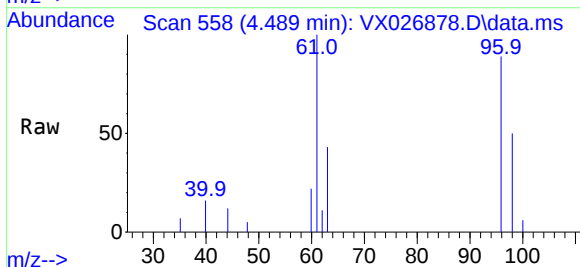
Tgt Ion: 96 Resp: 2451

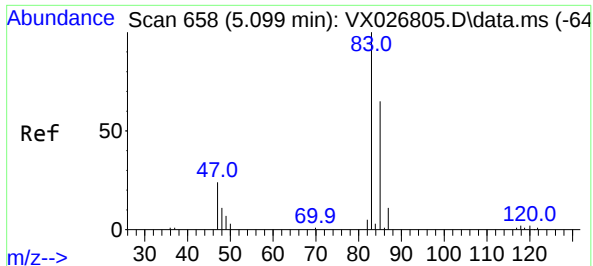
Ion Ratio Lower Upper

96 100

61 123.6 0.0 296.6

98 65.4 0.0 128.8





#30

Chloroform

Concen: 0.506 ug/l

RT: 5.104 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX026878.D

Acq: 09 Feb 2022 18:53

Instrument :

MSVOA_X

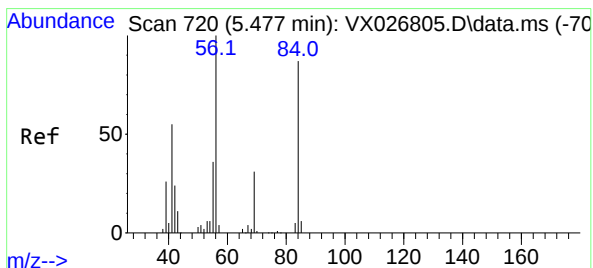
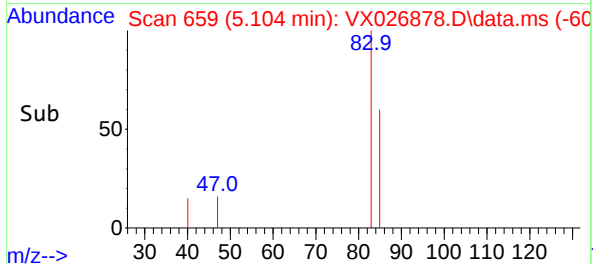
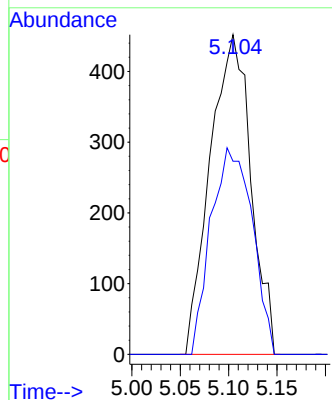
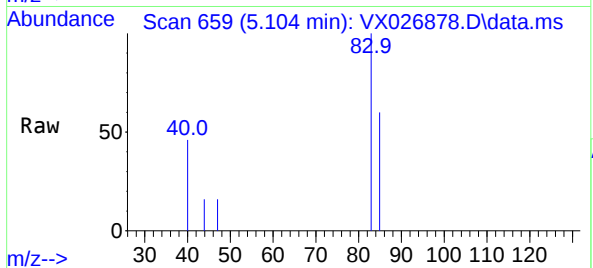
ClientSampleId :

Tgt Ion: 83 Resp: 1326

Ion Ratio Lower Upper

83 100

85 60.4 51.6 77.4



#31

Cyclohexane

Concen: 1.044 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX026878.D

Acq: 09 Feb 2022 18:53

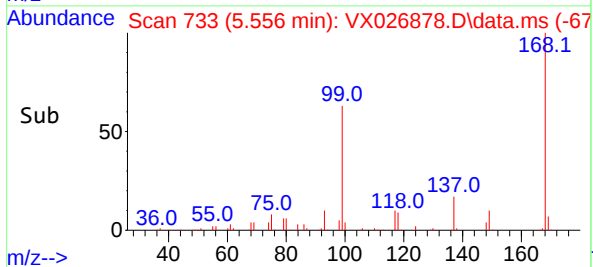
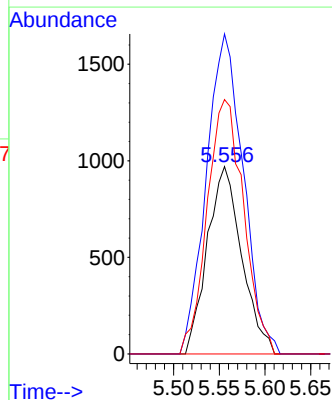
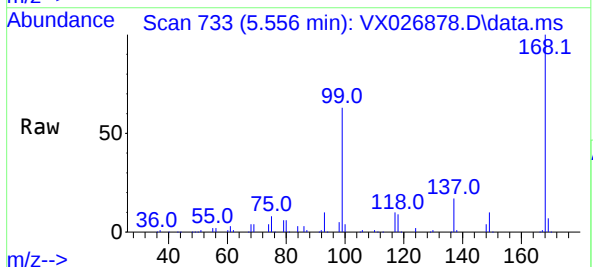
Tgt Ion: 56 Resp: 2544

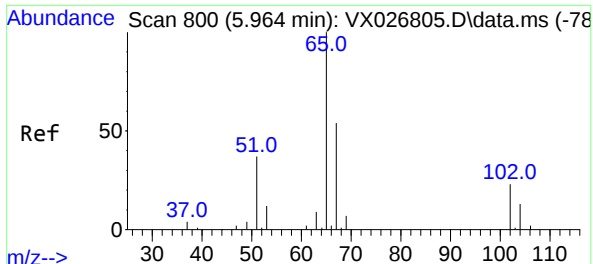
Ion Ratio Lower Upper

56 100

69 170.8 25.8 38.6#

84 135.8 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 53.365 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.000 min

Lab File: VX026878.D

Acq: 09 Feb 2022 18:53

Instrument :

MSVOA_X

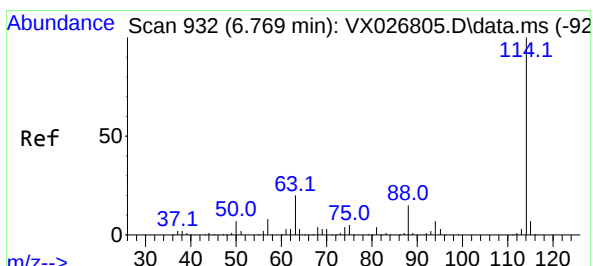
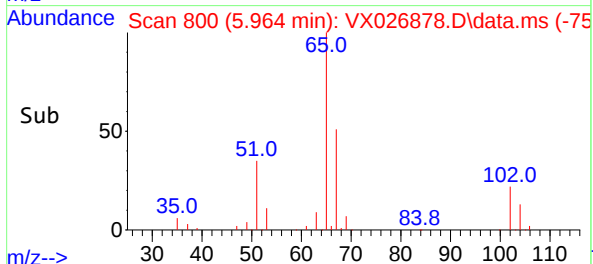
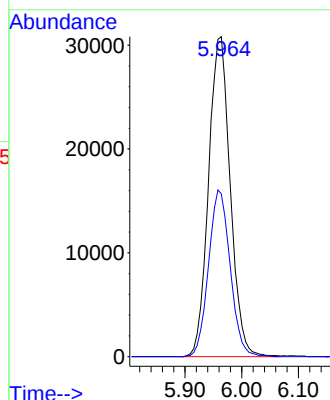
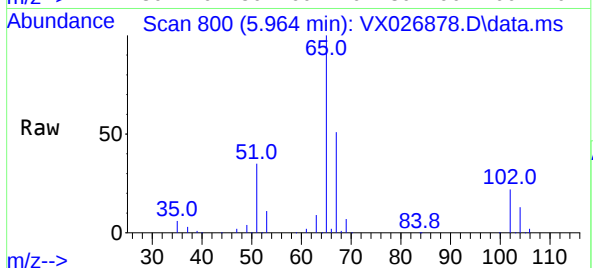
ClientSampleId :

Tgt Ion: 65 Resp: 81824

Ion Ratio Lower Upper

65 100

67 51.9 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX026878.D

Acq: 09 Feb 2022 18:53

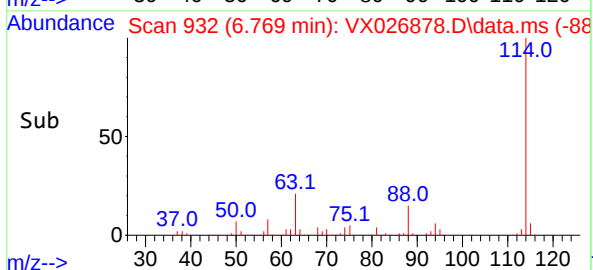
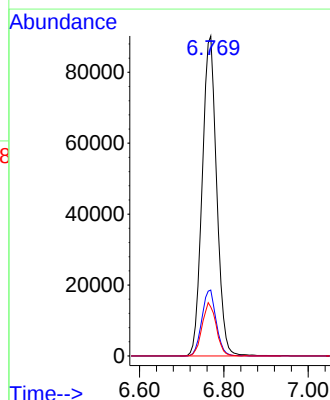
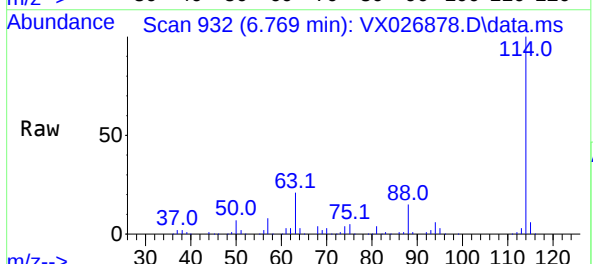
Tgt Ion: 114 Resp: 215489

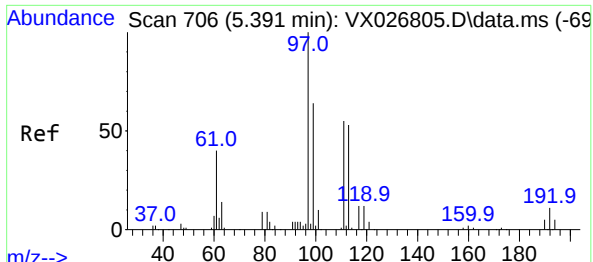
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.8

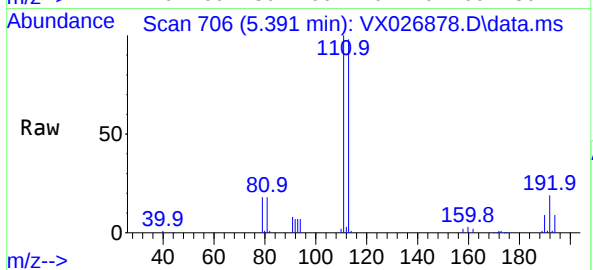
88 15.3 0.0 33.0



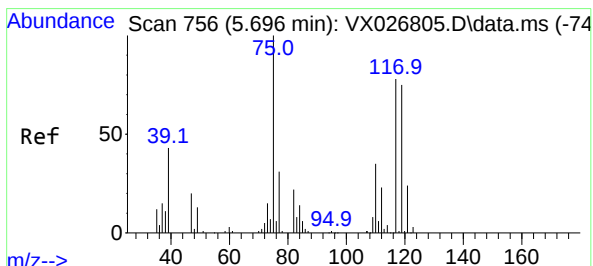
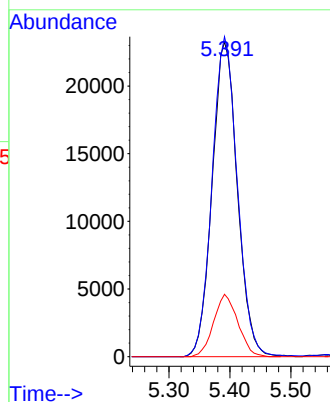
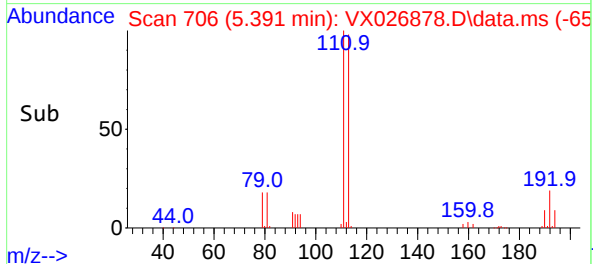


#35
Dibromofluoromethane
Concen: 52.014 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX026878.D
Acq: 09 Feb 2022 18:53

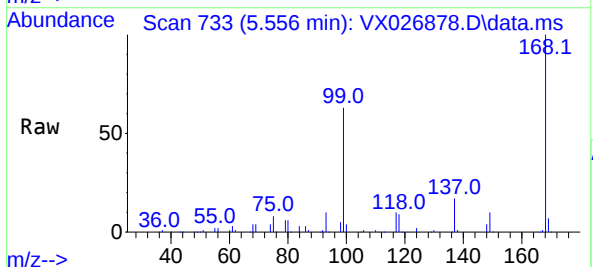
Instrument :
MSVOA_X
ClientSampleId :



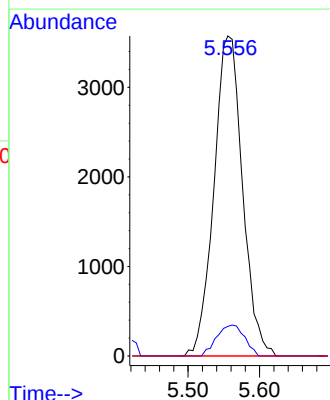
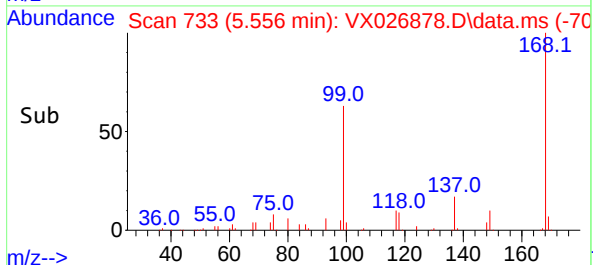
Tgt Ion:113 Resp: 66778
Ion Ratio Lower Upper
113 100
111 102.0 81.2 121.8
192 19.1 15.0 22.4

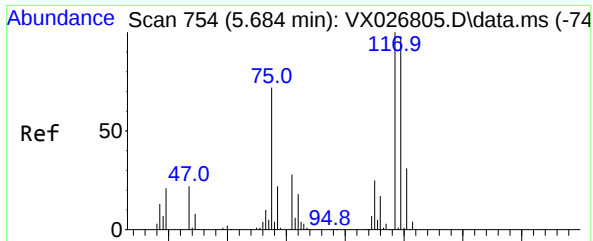


#36
1,1-Dichloropropene
Concen: 4.892 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX026878.D
Acq: 09 Feb 2022 18:53



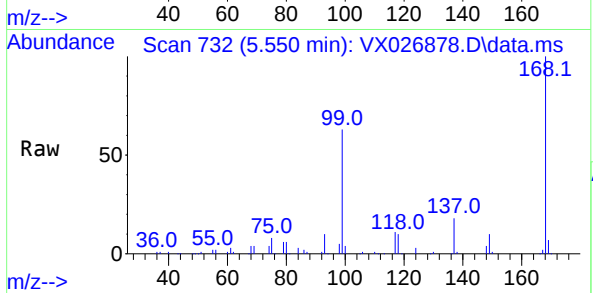
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Ion Ratio Lower Upper
75 100
110 9.4 17.2 51.6#
77 0.0 24.6 36.8#



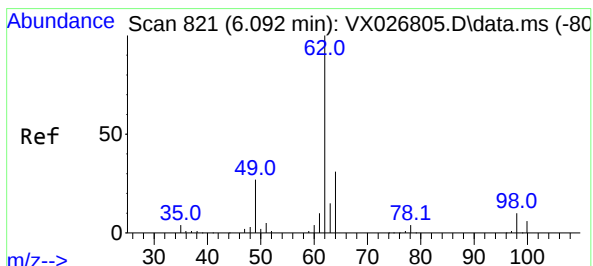
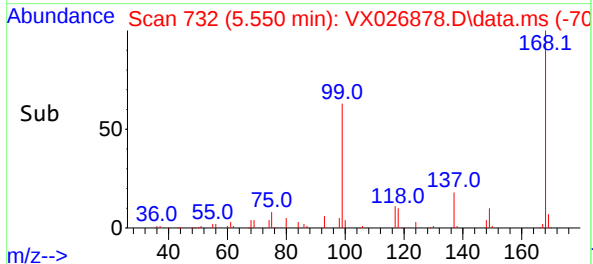
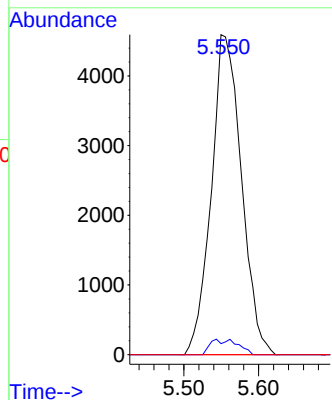


#38
Carbon Tetrachloride
Concen: 6.063 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX026878.D
Acq: 09 Feb 2022 18:53

Instrument :
MSVOA_X
ClientSampleId :

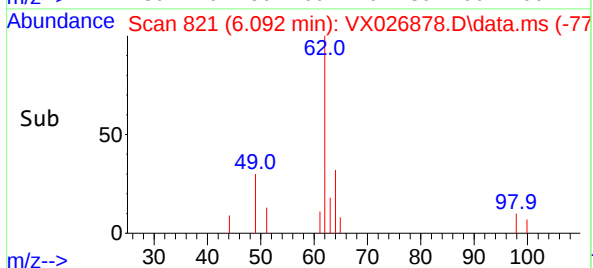
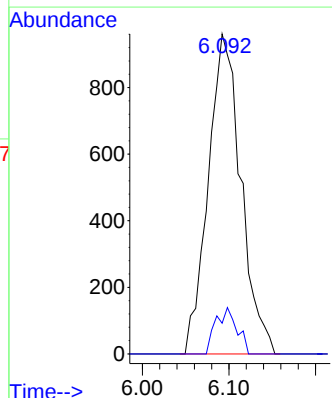
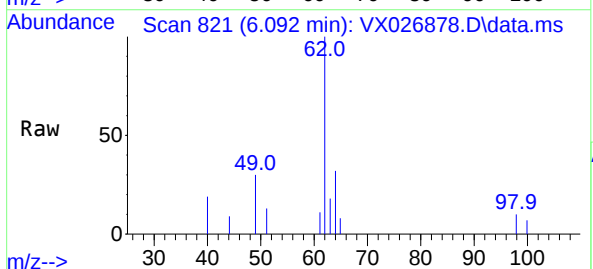


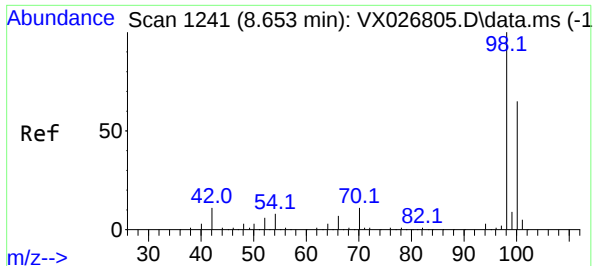
Tgt Ion:117 Resp: 12877
Ion Ratio Lower Upper
117 100
119 3.4 74.7 112.1#
121 0.0 25.4 38.0#



#42
1,2-Dichloroethane
Concen: 1.209 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX026878.D
Acq: 09 Feb 2022 18:53

Tgt Ion: 62 Resp: 2515
Ion Ratio Lower Upper
62 100
98 9.4 0.0 17.8





#50

Toluene-d8

Concen: 52.743 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX026878.D

Acq: 09 Feb 2022 18:53

Instrument :

MSVOA_X

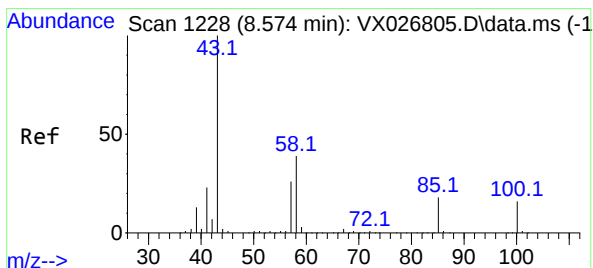
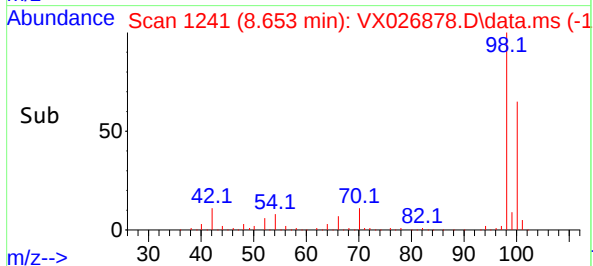
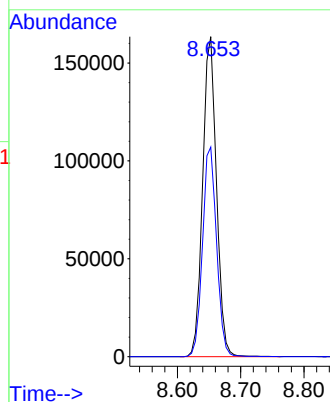
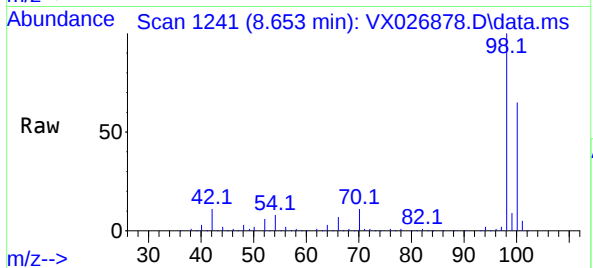
ClientSampleId :

Tgt Ion: 98 Resp: 248556

Ion Ratio Lower Upper

98 100

100 66.6 53.2 79.8



#51

4-Methyl-2-Pentanone

Concen: 0.511 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX026878.D

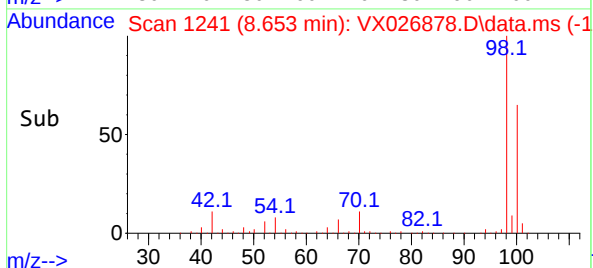
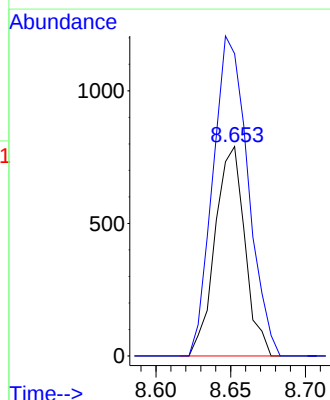
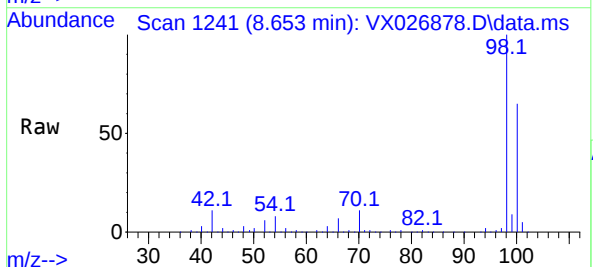
Acq: 09 Feb 2022 18:53

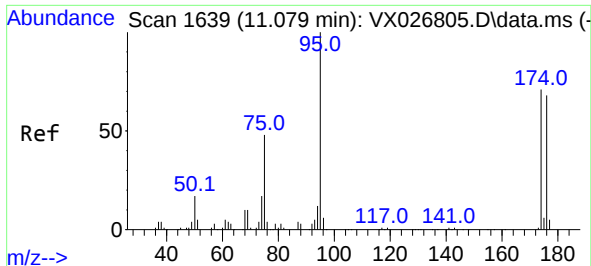
Tgt Ion: 43 Resp: 1097

Ion Ratio Lower Upper

43 100

58 179.4 30.5 45.7#

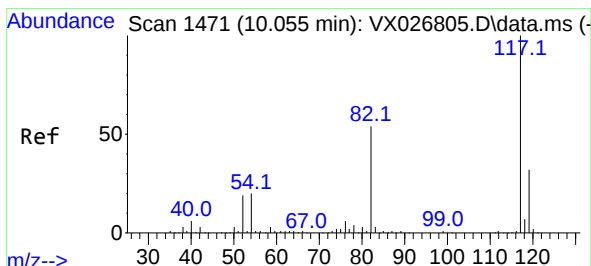
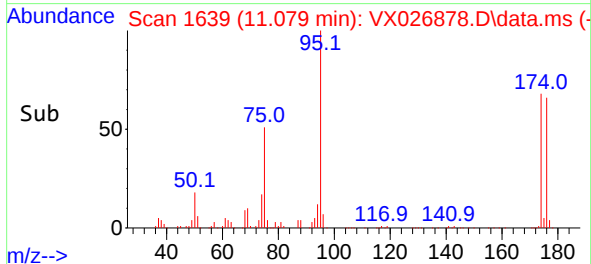
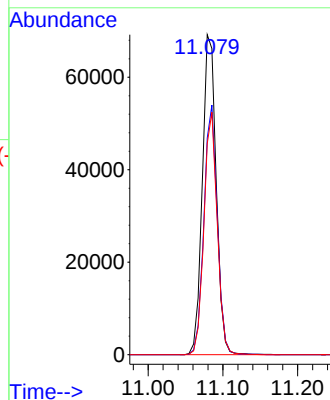
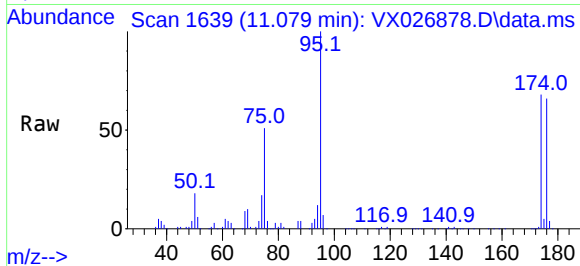




#62
4-Bromofluorobenzene
Concen: 53.649 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX026878.D
Acq: 09 Feb 2022 18:53

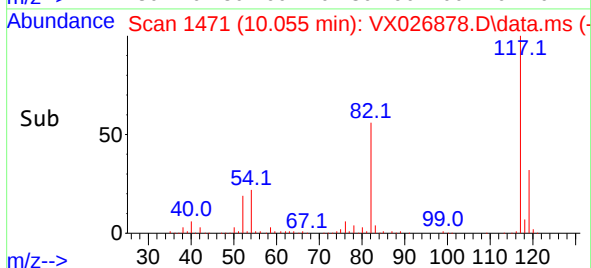
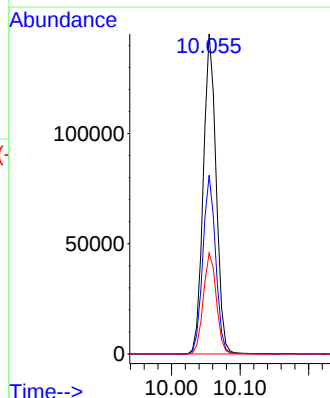
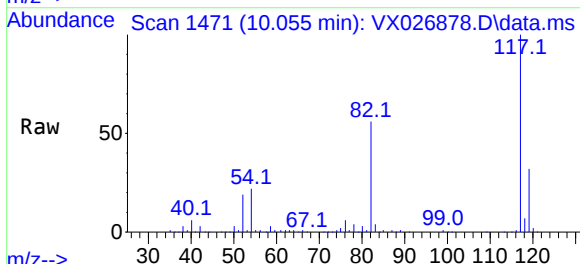
Instrument :
MSVOA_X
ClientSampleId :

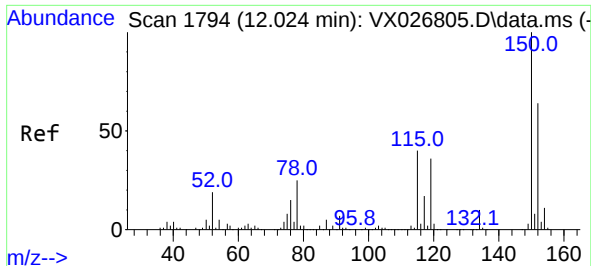
Tgt Ion: 95 Resp: 89012
Ion Ratio Lower Upper
95 100
174 75.1 0.0 148.6
176 72.4 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026878.D
Acq: 09 Feb 2022 18:53

Tgt Ion: 117 Resp: 189862
Ion Ratio Lower Upper
117 100
82 55.9 45.2 67.8
119 31.5 26.2 39.2

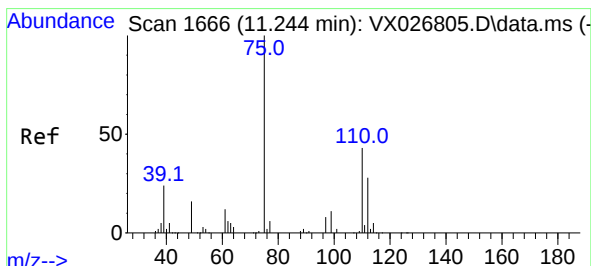
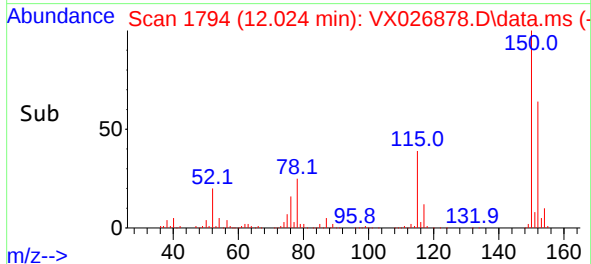
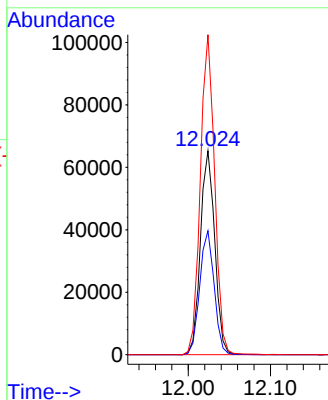
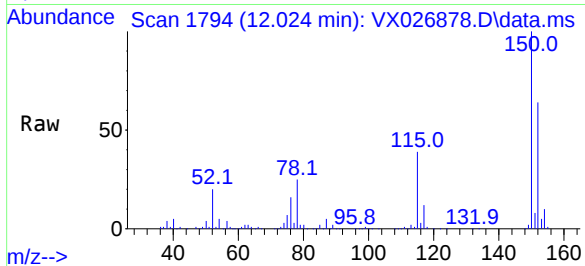




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX026878.D
Acq: 09 Feb 2022 18:53

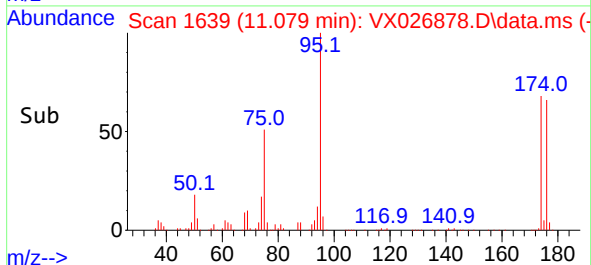
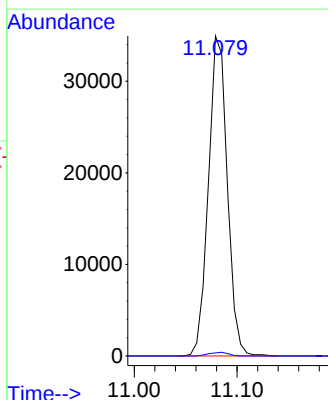
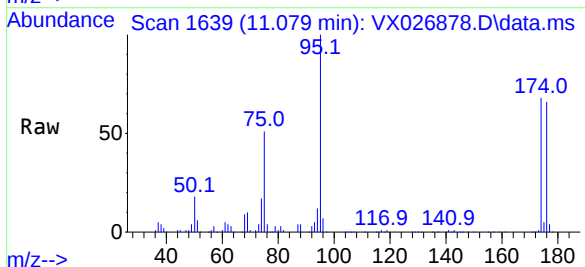
Instrument :
MSVOA_X
ClientSampleId :

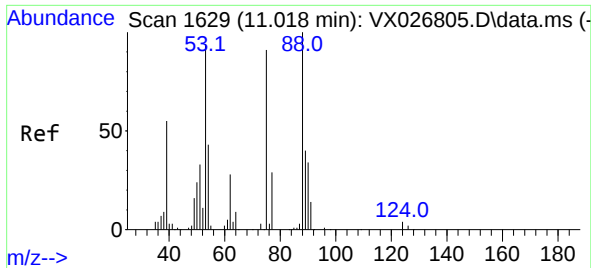
Tgt Ion:152 Resp: 79311
Ion Ratio Lower Upper
152 100
115 61.2 44.2 132.6
150 156.5 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 25.661 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026878.D
Acq: 09 Feb 2022 18:53

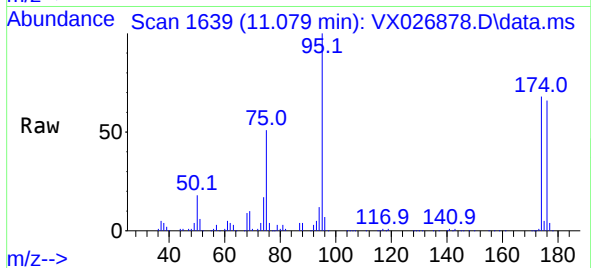
Tgt Ion: 75 Resp: 44552
Ion Ratio Lower Upper
75 100
77 1.2 18.3 54.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 78.183 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX026878.D
Acq: 09 Feb 2022 18:53

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 44552
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

