

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020922\
 Data File : VX026865.D
 Acq On : 09 Feb 2022 12:20
 Operator : JC/MD
 Sample : VX0209MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 10 01:03:59 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)

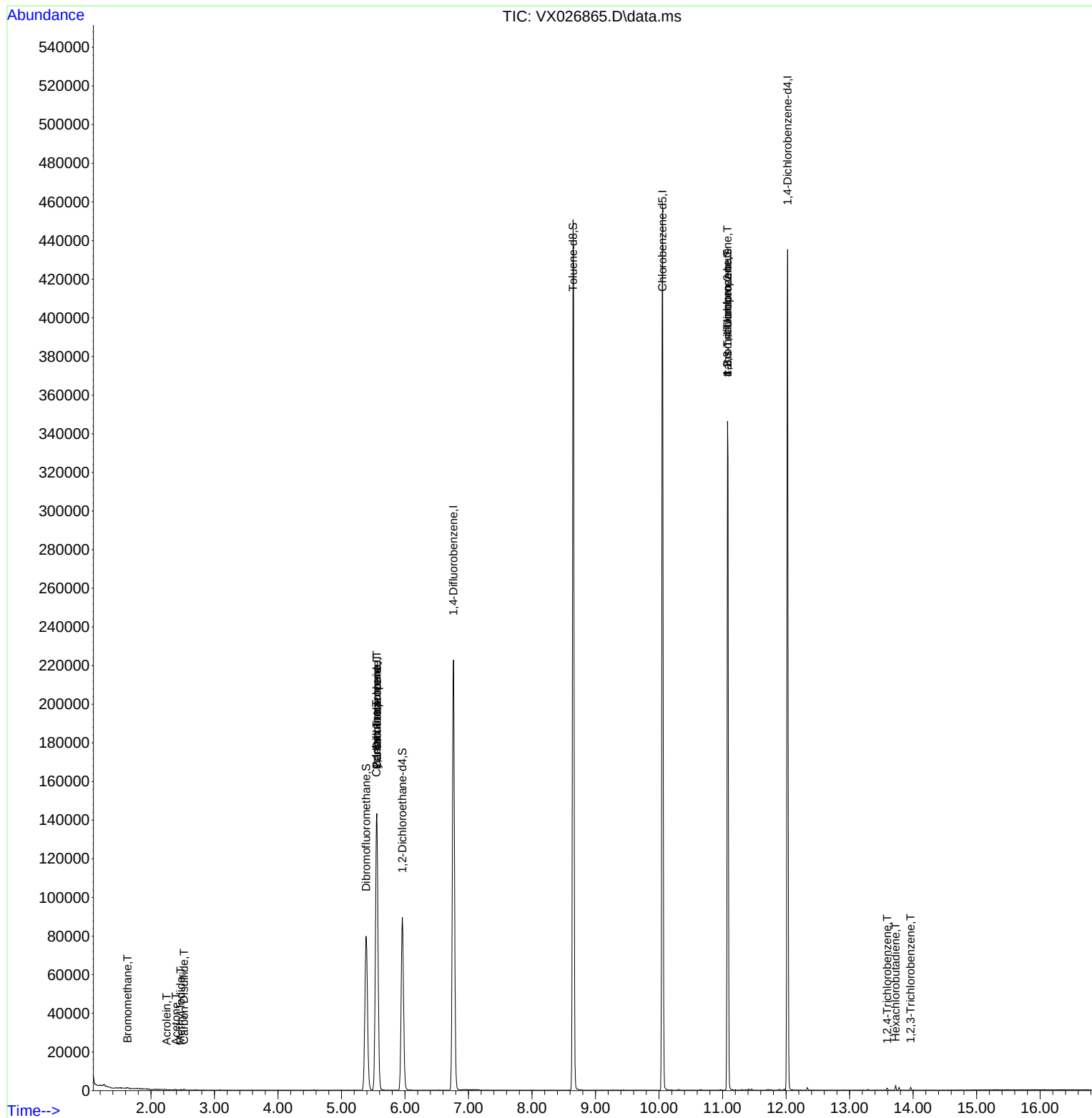
Internal Standards						
1) Pentafluorobenzene	5.556	168	136383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	227388	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85672	52.330	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.660%			
35) Dibromofluoromethane	5.385	113	70836	52.288	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.580%			
50) Toluene-d8	8.647	98	266527	53.597	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.200%			
62) 4-Bromofluorobenzene	11.079	95	98538	56.283	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.560%			
Target Compounds						Qvalue
5) Bromomethane	1.630	94	247	0.403	ug/l #	70
10) Methyl Iodide	2.465	142	327	2.416	ug/l #	74
13) Acrolein	2.245	56	64	0.234	ug/l #	82
16) Acetone	2.392	43	593	0.825	ug/l	99
17) Carbon Disulfide	2.520	76	845	0.214	ug/l #	74
31) Cyclohexane	5.550	56	2750	1.057	ug/l #	2
36) 1,1-Dichloropropene	5.556	75	10616	4.967	ug/l #	50
38) Carbon Tetrachloride	5.556	117	14136	6.308	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	48764	25.244	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	48764	76.968	ug/l #	3
93) 1,2,4-Trichlorobenzene	13.591	180	388	0.210	ug/l	93
94) Hexachlorobutadiene	13.725	225	445	0.571	ug/l	90
96) 1,2,3-Trichlorobenzene	13.963	180	444	0.238	ug/l	94

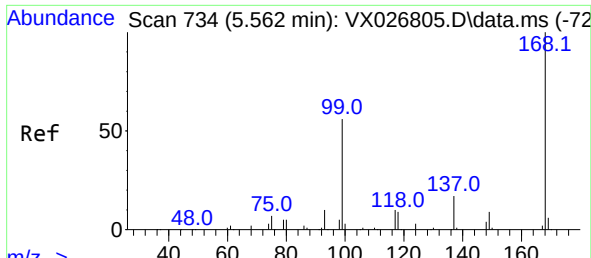
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :

Quant Time: Feb 10 01:03:59 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: 5.556 min Scan# 71

Delta R.T. -0.006 min

Lab File: VX026865.D

Acq: 09 Feb 2022 12:20

Instrument :

MSVOA_X

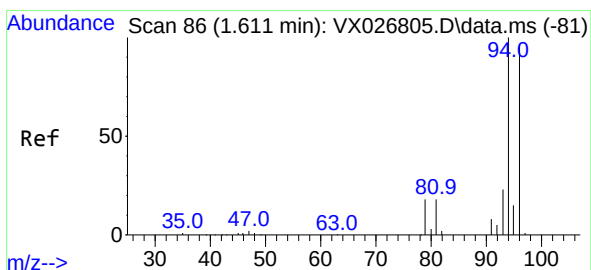
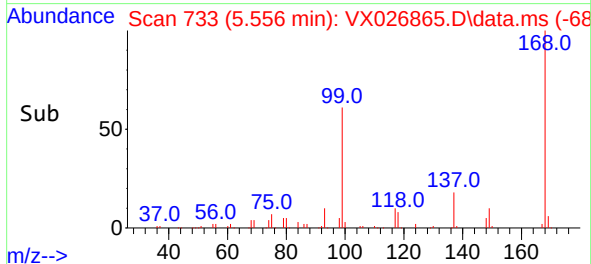
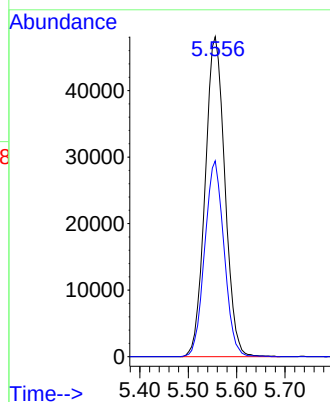
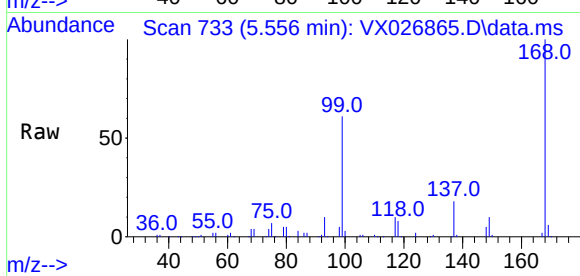
ClientSampleId :

Tgt Ion:168 Resp: 136383

Ion Ratio Lower Upper

168 100

99 61.2 50.3 75.5



#5

Bromomethane

Concen: 0.403 ug/l

RT: 1.630 min Scan# 89

Delta R.T. 0.018 min

Lab File: VX026865.D

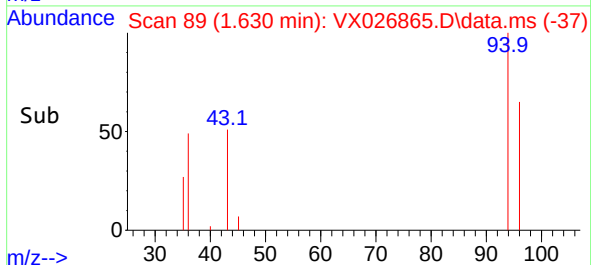
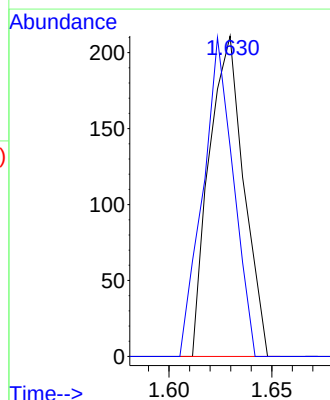
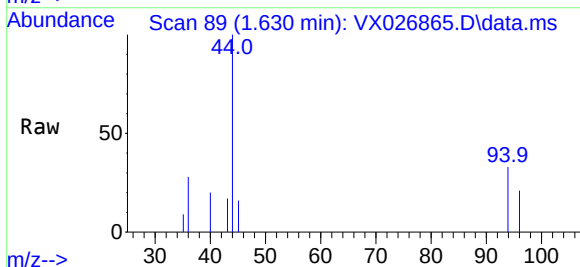
Acq: 09 Feb 2022 12:20

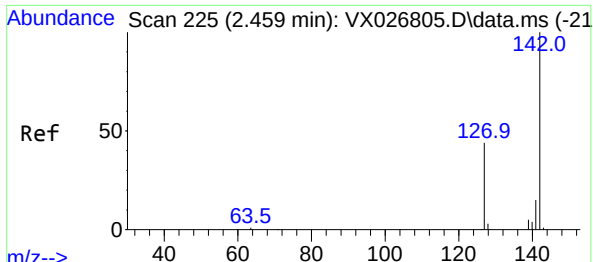
Tgt Ion: 94 Resp: 247

Ion Ratio Lower Upper

94 100

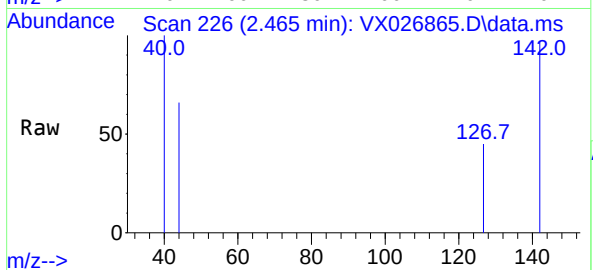
96 65.4 75.9 113.9#



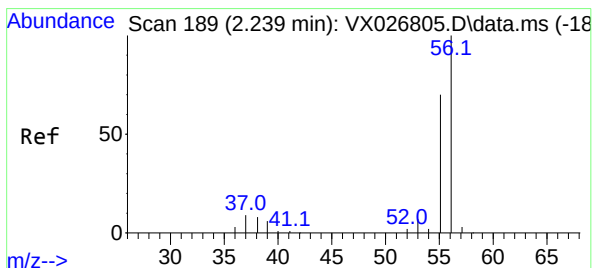
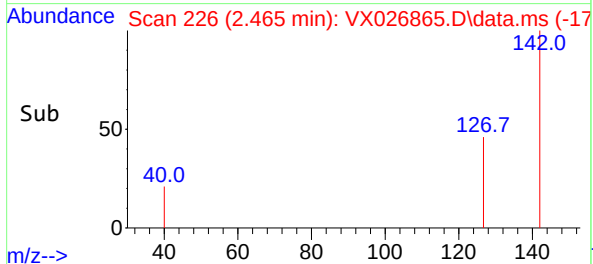
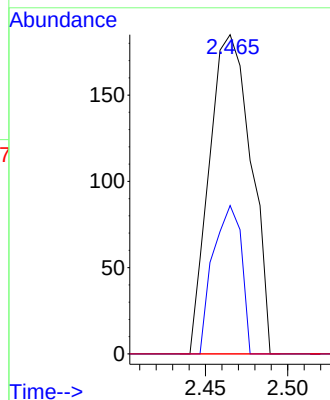


#10
Methyl Iodide
Concen: 2.416 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX026865.D
Acq: 09 Feb 2022 12:20

Instrument :
MSVOA_X
ClientSampleId :

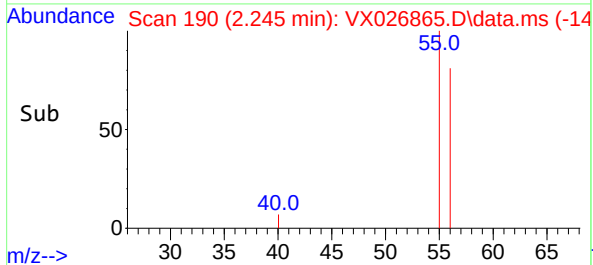
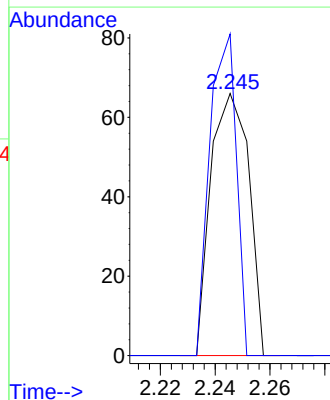
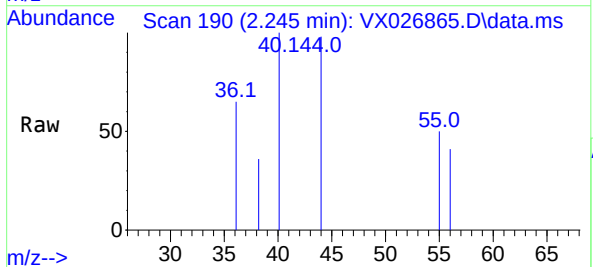


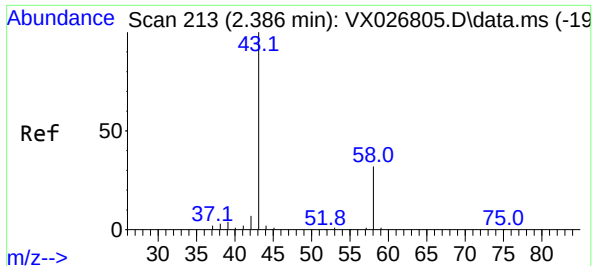
Tgt Ion:142 Resp: 327
Ion Ratio Lower Upper
142 100
127 31.5 38.1 57.1#
141 0.0 11.2 16.8#



#13
Acrolein
Concen: 0.234 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX026865.D
Acq: 09 Feb 2022 12:20

Tgt Ion: 56 Resp: 64
Ion Ratio Lower Upper
56 100
55 85.9 56.9 85.3#

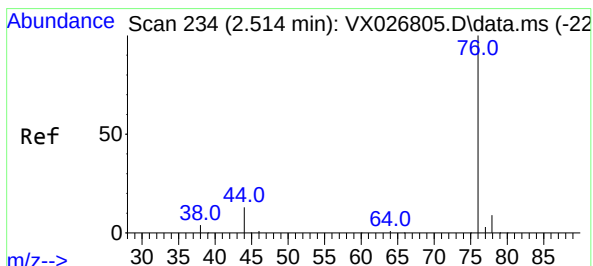
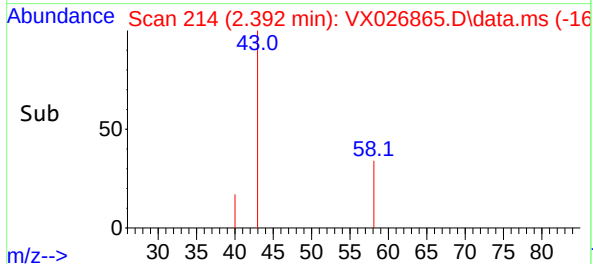
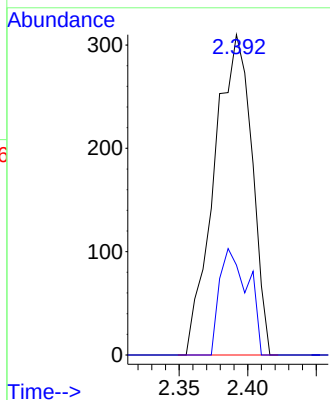
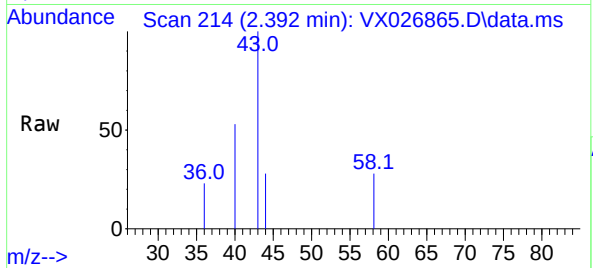




#16
Acetone
Concen: 0.825 ug/l
RT: 2.392 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX026865.D
Acq: 09 Feb 2022 12:20

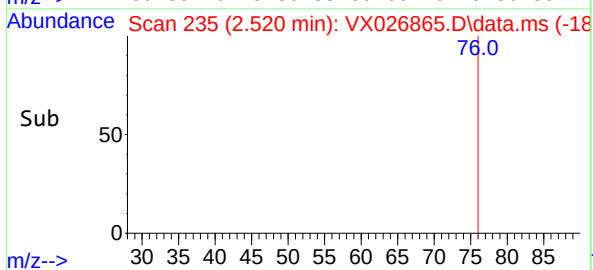
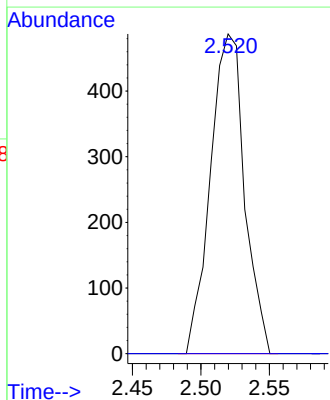
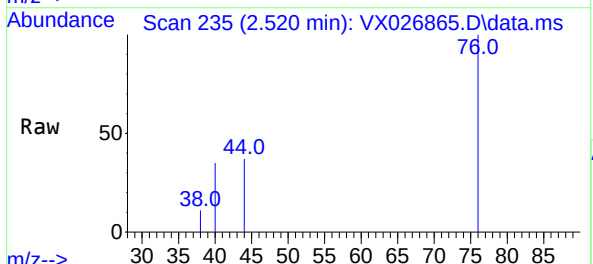
Instrument :
MSVOA_X
ClientSampleId :

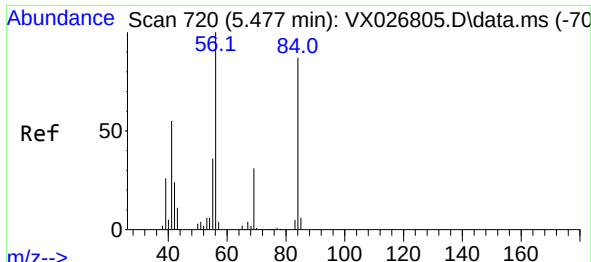
Tgt Ion: 43 Resp: 593
Ion Ratio Lower Upper
43 100
58 28.1 23.0 34.6



#17
Carbon Disulfide
Concen: 0.214 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX026865.D
Acq: 09 Feb 2022 12:20

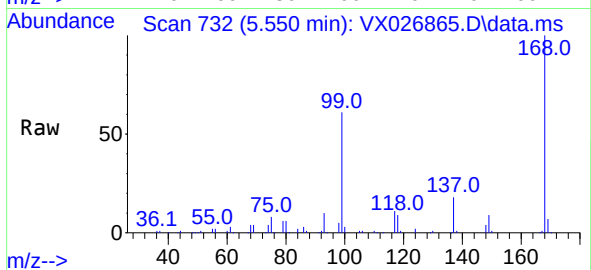
Tgt Ion: 76 Resp: 845
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



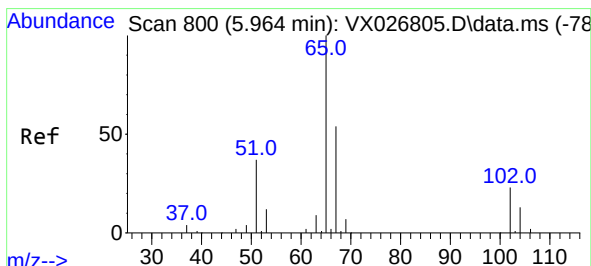
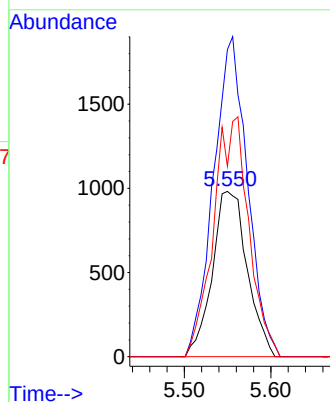
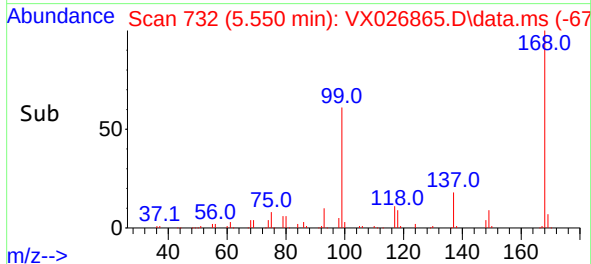


#31
Cyclohexane
Concen: 1.057 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX026865.D
Acq: 09 Feb 2022 12:20

Instrument :
MSVOA_X
ClientSampleId :

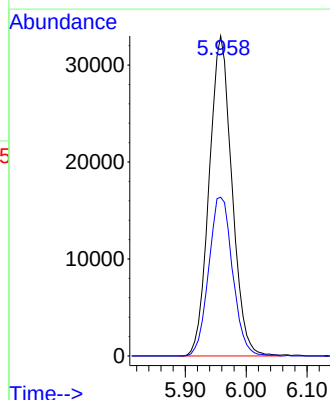
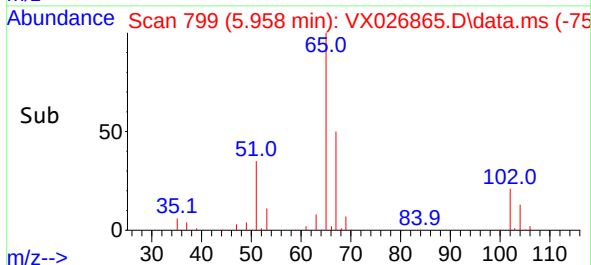
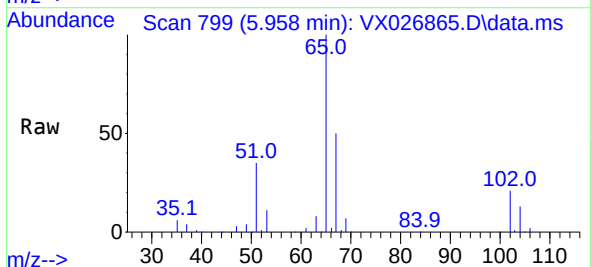


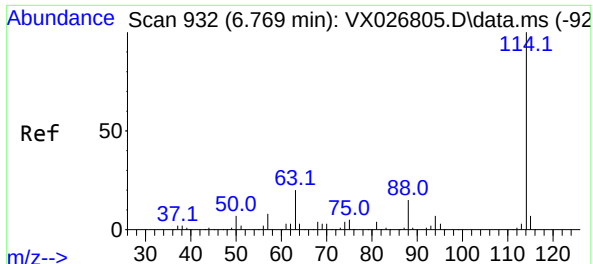
Tgt Ion: 56 Resp: 2750
Ion Ratio Lower Upper
56 100
69 185.7 25.8 38.6#
84 115.2 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 52.330 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026865.D
Acq: 09 Feb 2022 12:20

Tgt Ion: 65 Resp: 85672
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX026865.D

Acq: 09 Feb 2022 12:20

Instrument :

MSVOA_X

ClientSampleId :

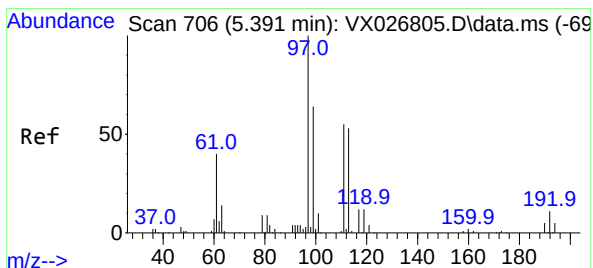
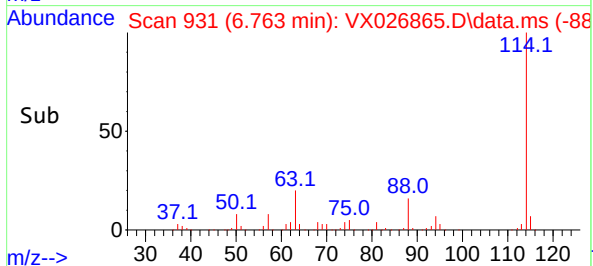
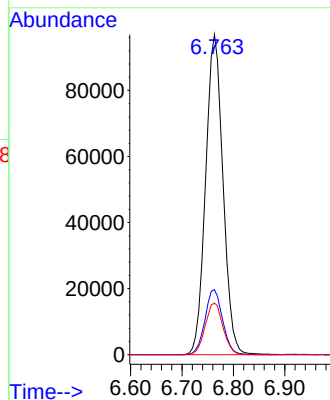
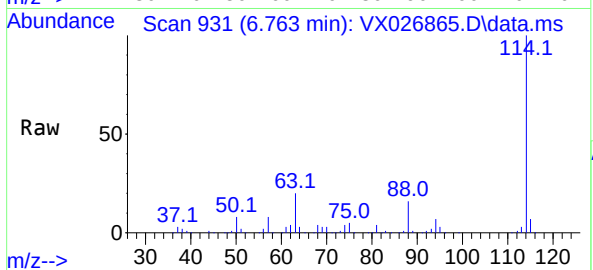
Tgt Ion:114 Resp: 227388

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.8

88 16.1 0.0 33.0



#35

Dibromofluoromethane

Concen: 52.288 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX026865.D

Acq: 09 Feb 2022 12:20

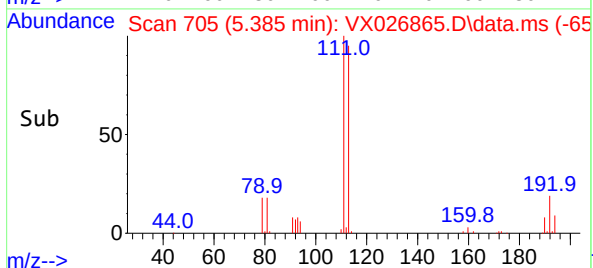
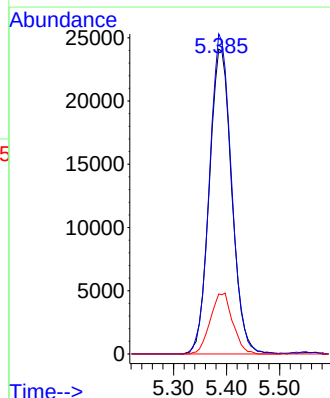
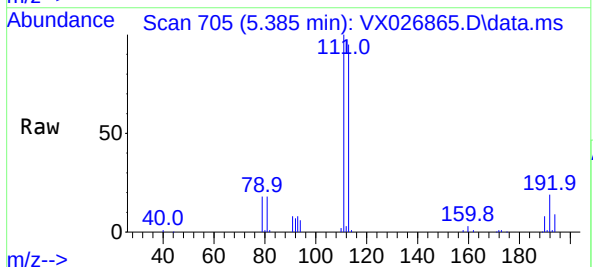
Tgt Ion:113 Resp: 70836

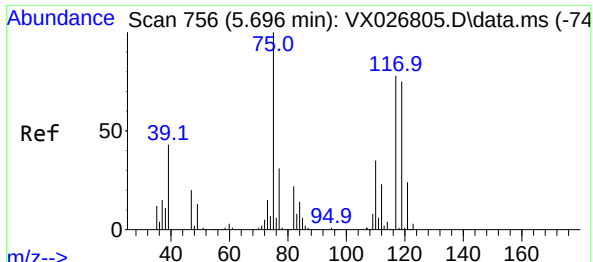
Ion Ratio Lower Upper

113 100

111 102.7 81.2 121.8

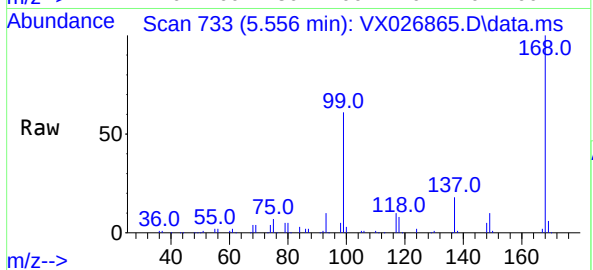
192 19.8 15.0 22.4



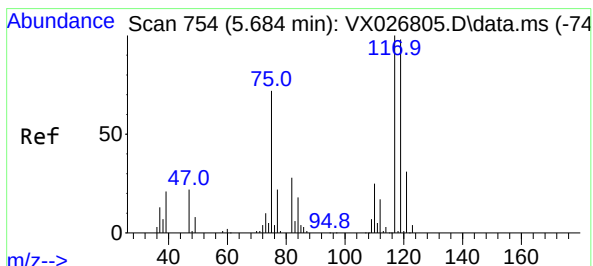
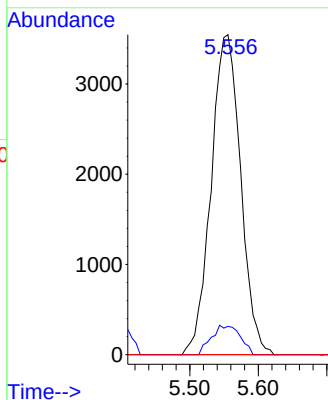
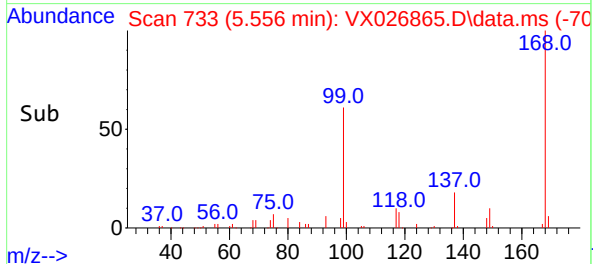


#36
1,1-Dichloropropene
Concen: 4.967 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX026865.D
Acq: 09 Feb 2022 12:20

Instrument :
MSVOA_X
ClientSampleId :

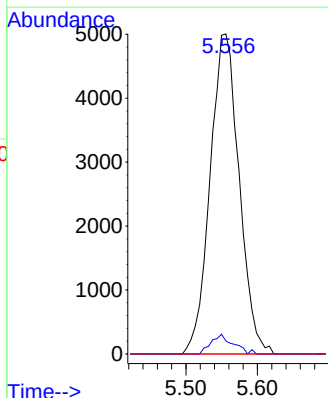
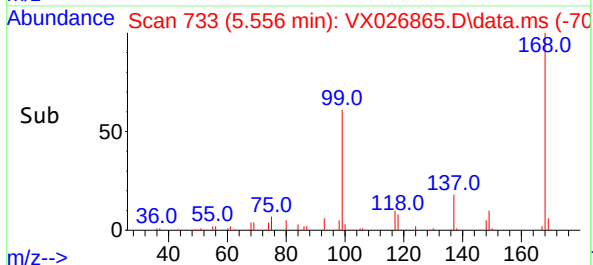
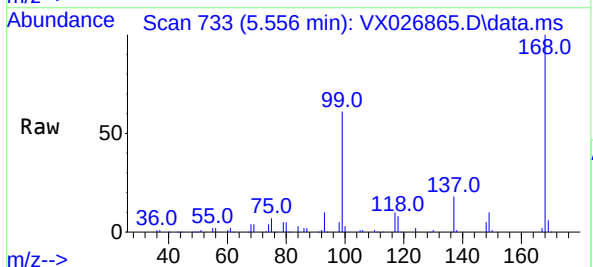


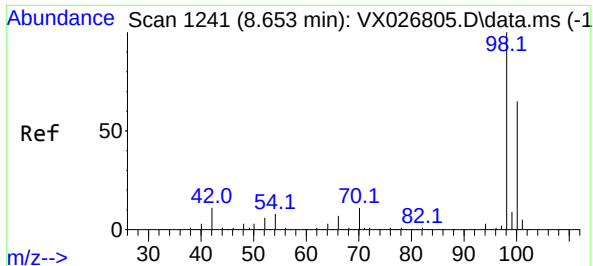
Tgt Ion: 75 Resp: 10616
Ion Ratio Lower Upper
75 100
110 8.9 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 6.308 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026865.D
Acq: 09 Feb 2022 12:20

Tgt Ion: 117 Resp: 14136
Ion Ratio Lower Upper
117 100
119 4.0 74.7 112.1#
121 0.0 25.4 38.0#

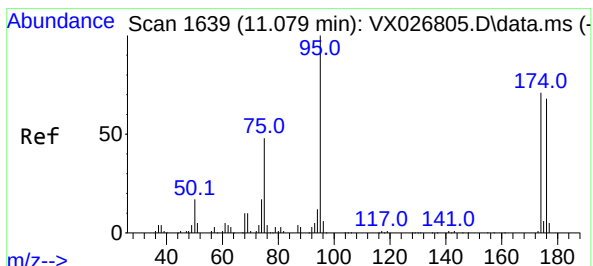
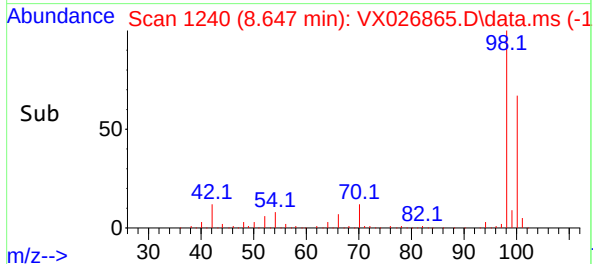
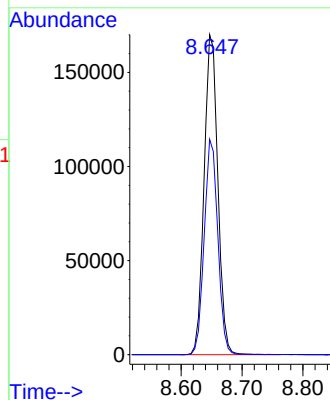
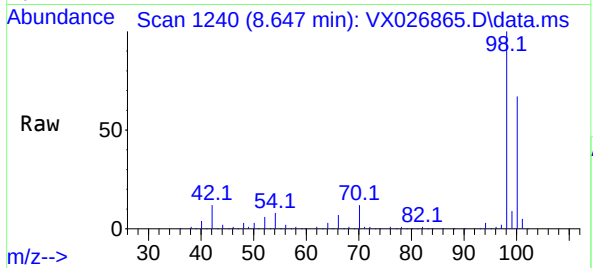




#50
Toluene-d8
Concen: 53.597 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX026865.D
Acq: 09 Feb 2022 12:20

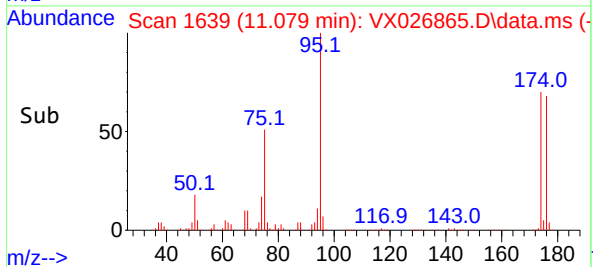
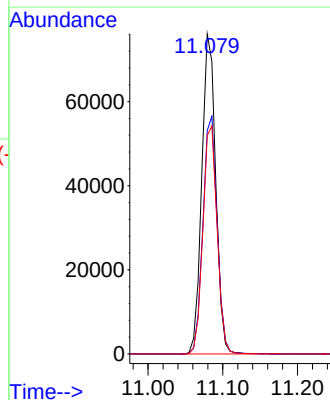
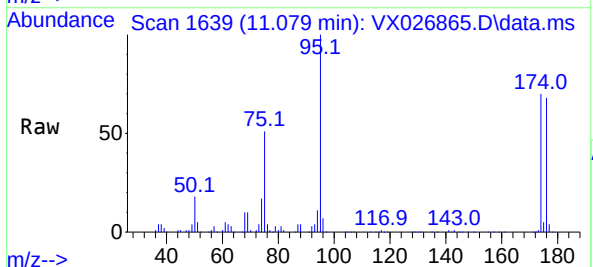
Instrument :
MSVOA_X
ClientSampleId :

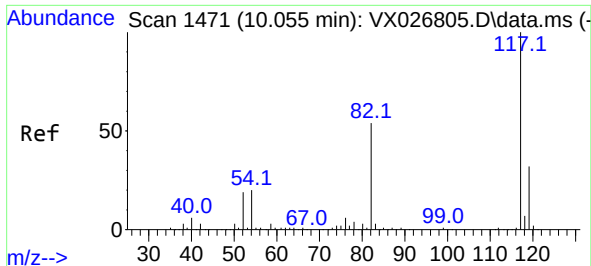
Tgt Ion: 98 Resp: 266527
Ion Ratio Lower Upper
98 100
100 66.7 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 56.283 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026865.D
Acq: 09 Feb 2022 12:20

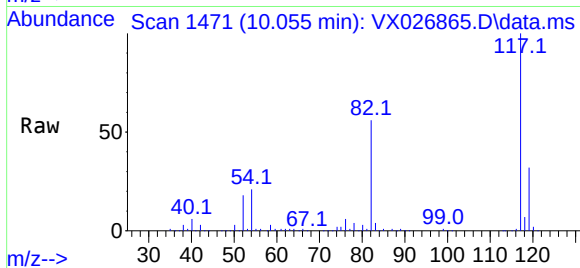
Tgt Ion: 95 Resp: 98538
Ion Ratio Lower Upper
95 100
174 75.4 0.0 148.6
176 72.7 0.0 141.4



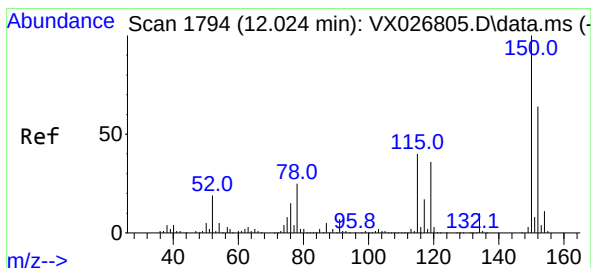
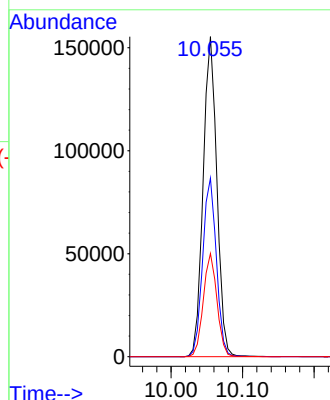
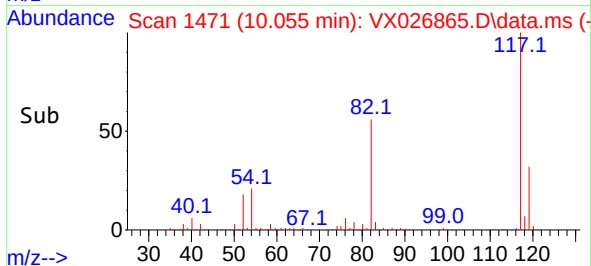


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026865.D
Acq: 09 Feb 2022 12:20

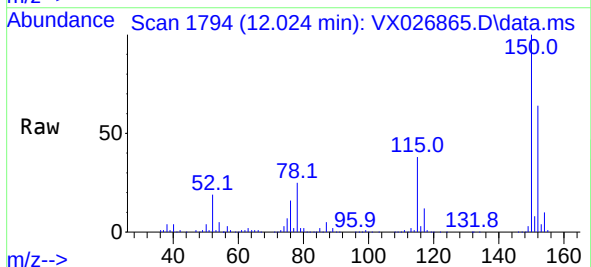
Instrument :
MSVOA_X
ClientSampleId :



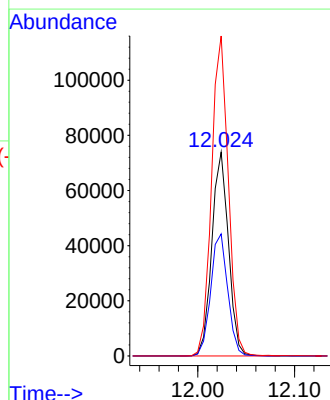
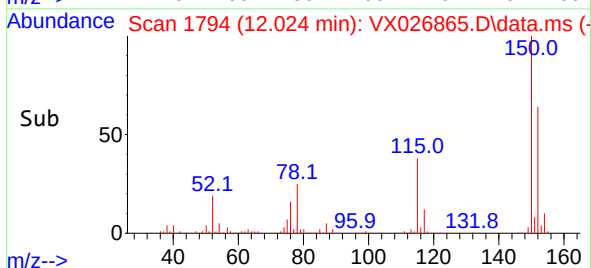
Tgt Ion:117 Resp: 207380
Ion Ratio Lower Upper
117 100
82 55.8 45.2 67.8
119 32.2 26.2 39.2

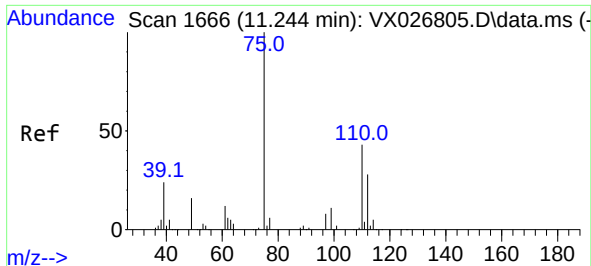


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026865.D
Acq: 09 Feb 2022 12:20



Tgt Ion:152 Resp: 88243
Ion Ratio Lower Upper
152 100
115 61.5 44.2 132.6
150 158.7 0.0 348.2

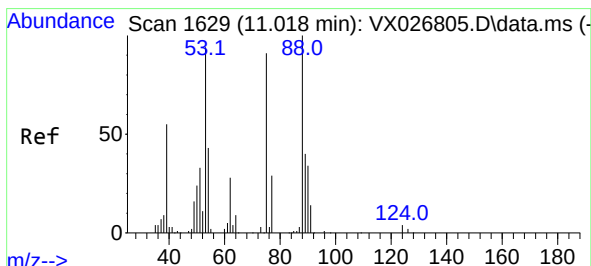
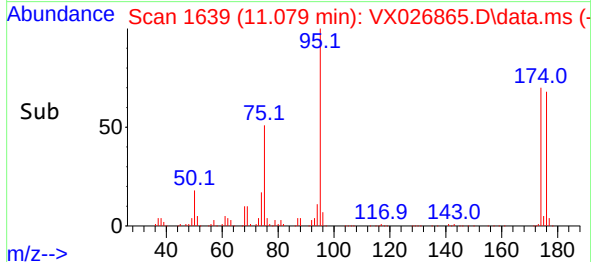
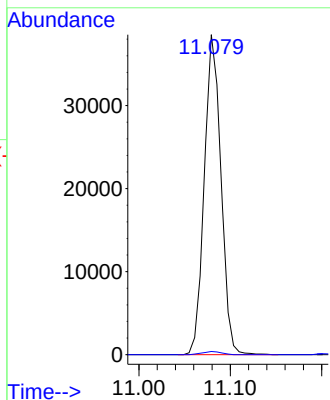
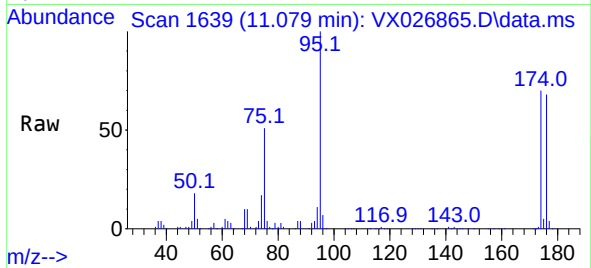




#76
1,2,3-Trichloropropane
Concen: 25.244 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026865.D
Acq: 09 Feb 2022 12:20

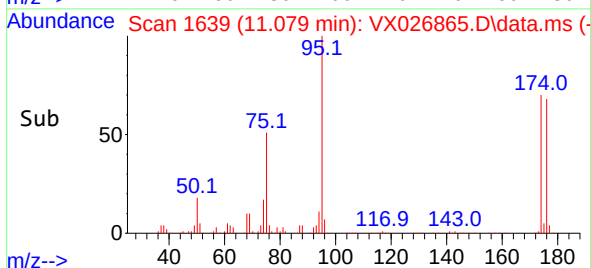
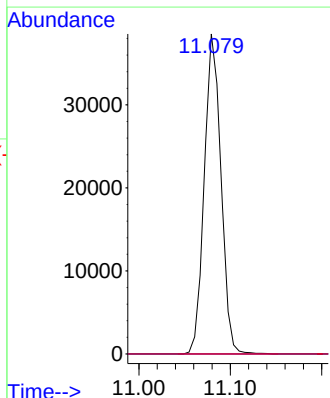
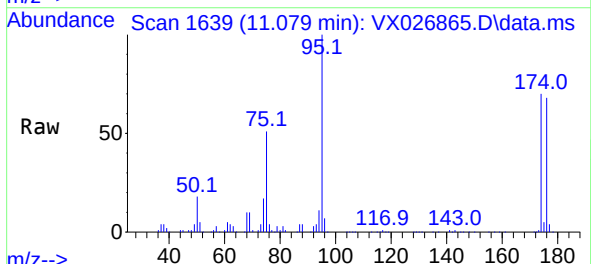
Instrument :
MSVOA_X
ClientSampleId :

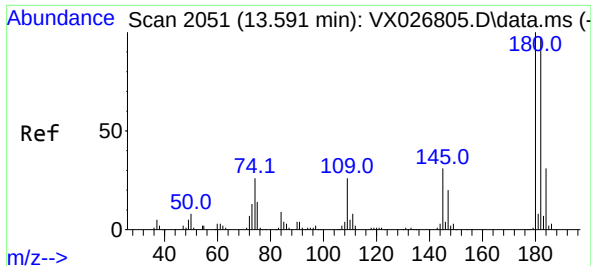
Tgt Ion: 75 Resp: 48764
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.968 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026865.D
Acq: 09 Feb 2022 12:20

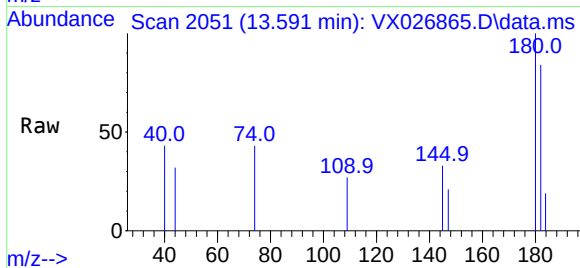
Tgt Ion: 75 Resp: 48764
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#



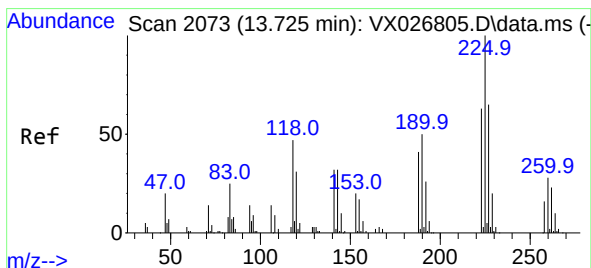
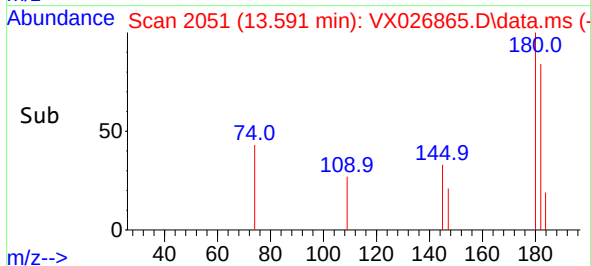
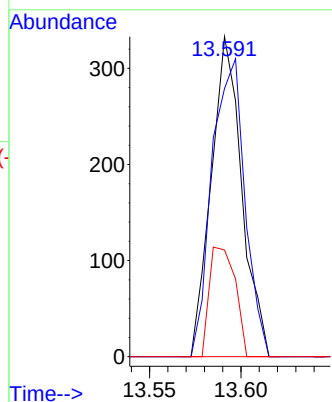


#93
 1,2,4-Trichlorobenzene
 Concen: 0.210 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.000 min
 Lab File: VX026865.D
 Acq: 09 Feb 2022 12:20

Instrument :
 MSVOA_X
 ClientSampleId :

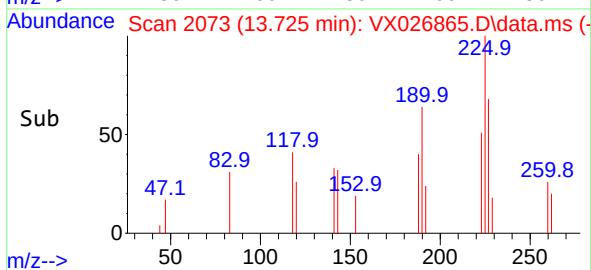
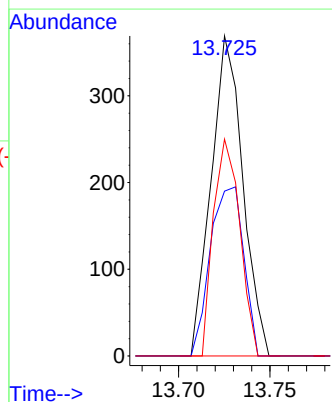
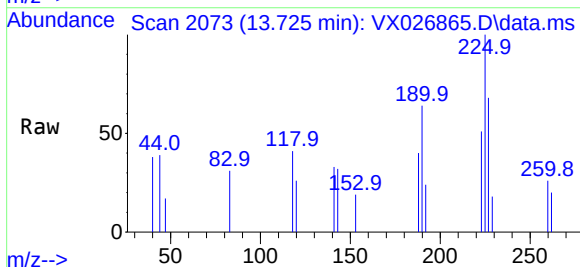


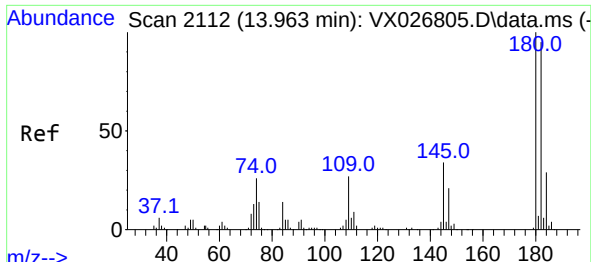
Tgt Ion:180 Resp: 388
 Ion Ratio Lower Upper
 180 100
 182 100.0 46.7 140.0
 145 28.9 16.3 48.8



#94
 Hexachlorobutadiene
 Concen: 0.571 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.000 min
 Lab File: VX026865.D
 Acq: 09 Feb 2022 12:20

Tgt Ion:225 Resp: 445
 Ion Ratio Lower Upper
 225 100
 223 55.7 32.0 96.0
 227 56.4 32.3 96.9





#96

1,2,3-Trichlorobenzene

Concen: 0.238 ug/l

RT: 13.963 min Scan# 21

Delta R.T. 0.000 min

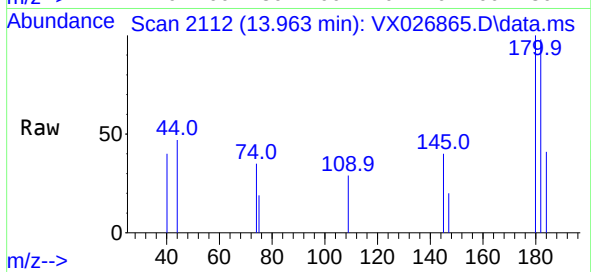
Lab File: VX026865.D

Acq: 09 Feb 2022 12:20

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 444

Ion Ratio Lower Upper

180 100

182 101.8 47.2 141.6

145 33.8 17.5 52.5

