

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082521\Not Reviewed Data\
 Data File : VX023946.D
 Acq On : 25 Aug 2021 18:15
 Operator : JC/MD
 Sample : M3525-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 26 17:39:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

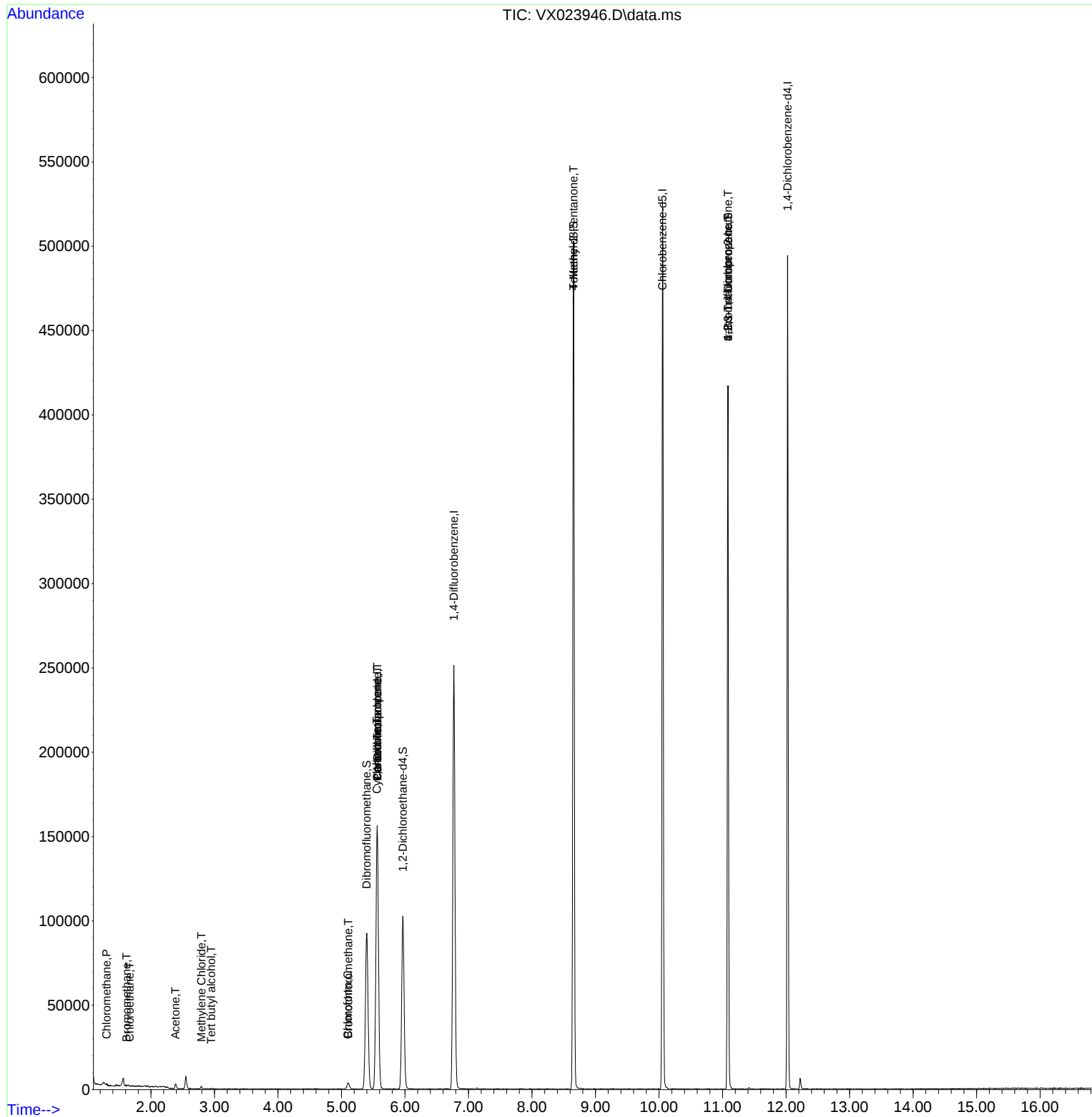
Internal Standards						
1) Pentafluorobenzene	5.562	168	143550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	245001	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	101418	50.620	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.240%			
35) Dibromofluoromethane	5.397	113	78711	48.539	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.080%			
50) Toluene-d8	8.653	98	290813	47.119	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.240%			
62) 4-Bromofluorobenzene	11.085	95	102915	45.296	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.600%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	388	0.233	ug/l	96
5) Bromomethane	1.618	94	440	0.432	ug/l #	72
6) Chloroethane	1.666	64	160	2.330	ug/l #	43
11) Tert butyl alcohol	2.947	59	233	0.575	ug/l #	73
16) Acetone	2.386	43	3133	3.497	ug/l	90
20) Methylene Chloride	2.794	84	698	0.408	ug/l #	75
28) Bromochloromethane	5.105	49	341	0.266	ug/l #	9
30) Chloroform	5.099	83	4198	1.409	ug/l #	83
31) Cyclohexane	5.556	56	3499	1.359	ug/l #	29
36) 1,1-Dichloropropene	5.562	75	11416	5.032	ug/l #	50
38) Carbon Tetrachloride	5.562	117	15126	6.393	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1547	0.549	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	55382	24.435	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	55382	71.877	ug/l #	12

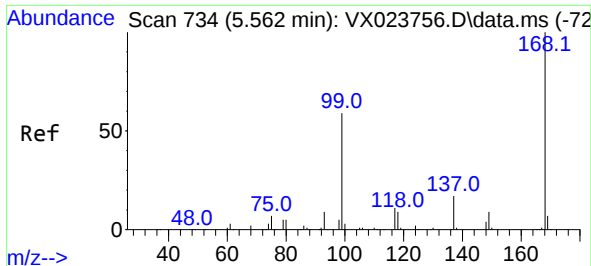
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
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QLast Update : Tue Aug 17 11:57:51 2021
Response via : Initial Calibration

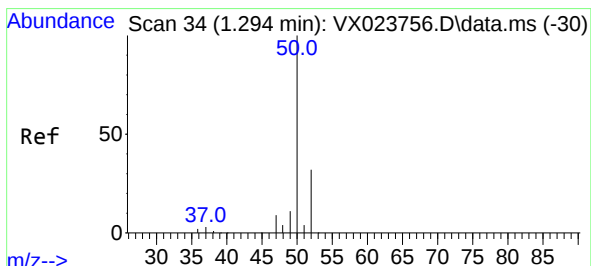
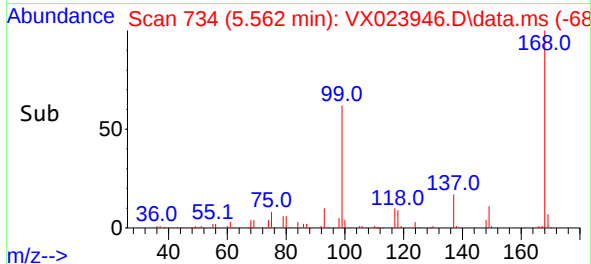
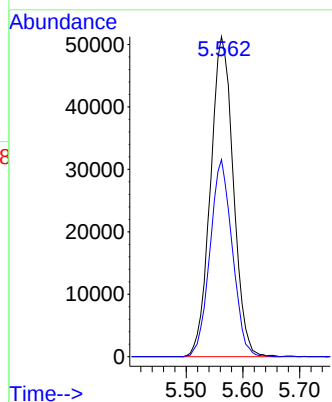
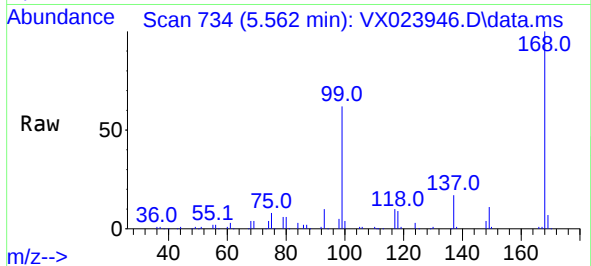




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023946.D
Acq: 25 Aug 2021 18:15

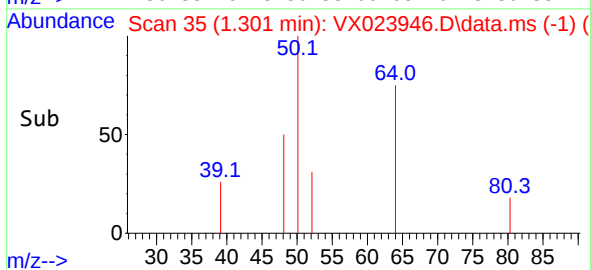
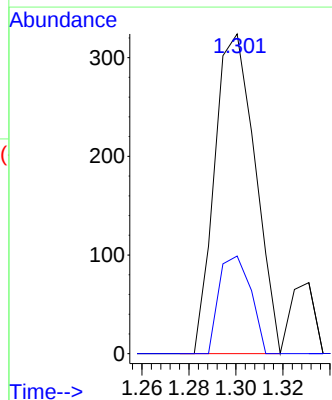
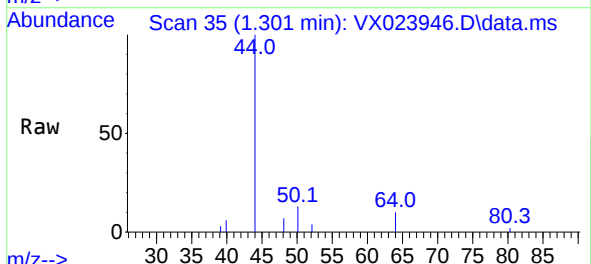
Instrument :
MSVOA_X
ClientSampled :

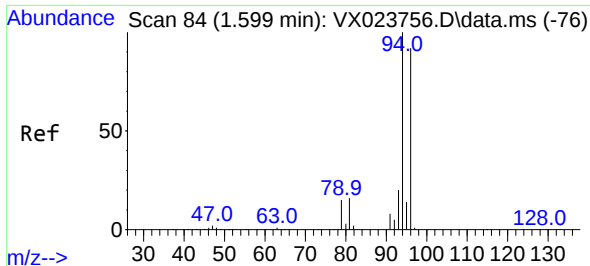
Tgt Ion:168 Resp: 143550
Ion Ratio Lower Upper
168 100
99 61.5 45.8 68.6



#3
Chloromethane
Concen: 0.233 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX023946.D
Acq: 25 Aug 2021 18:15

Tgt Ion: 50 Resp: 388
Ion Ratio Lower Upper
50 100
52 30.6 26.4 39.6

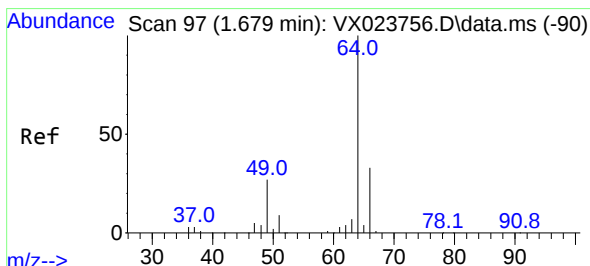
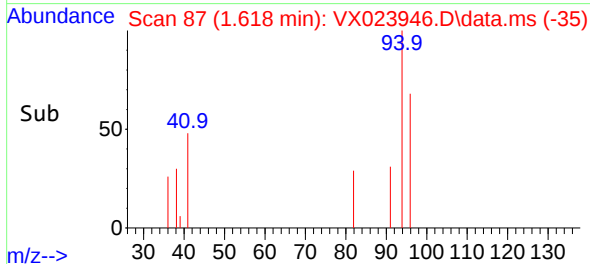
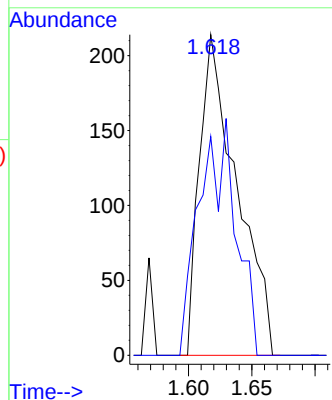
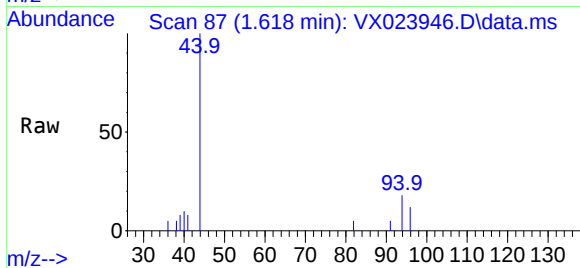




#5
Bromomethane
Concen: 0.432 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX023946.D
Acq: 25 Aug 2021 18:15

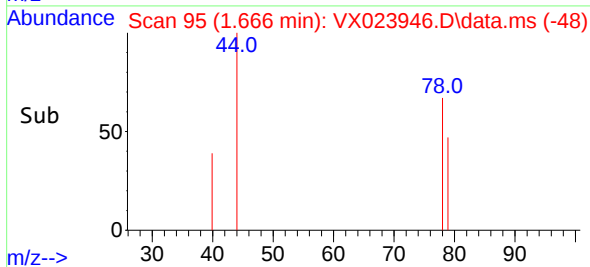
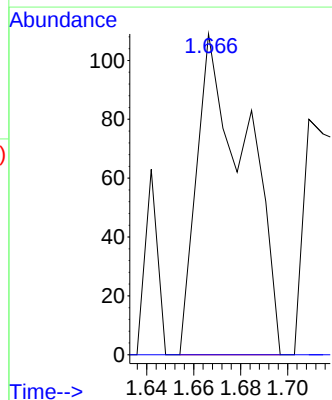
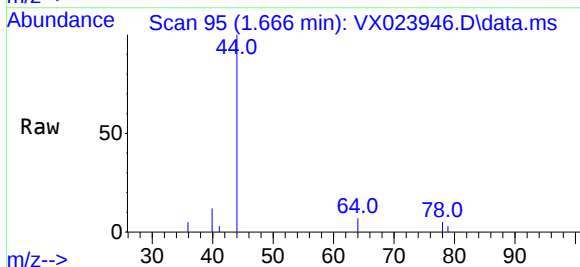
Instrument :
MSVOA_X
ClientSampled :

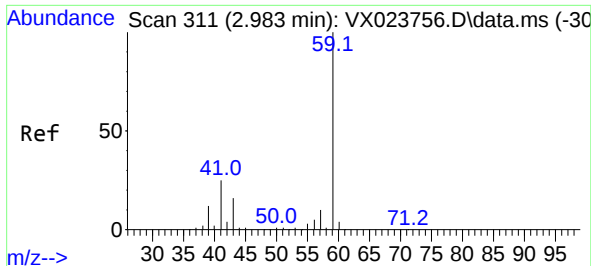
Tgt Ion: 94 Resp: 440
Ion Ratio Lower Upper
94 100
96 68.2 76.4 114.6#



#6
Chloroethane
Concen: 2.330 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.013 min
Lab File: VX023946.D
Acq: 25 Aug 2021 18:15

Tgt Ion: 64 Resp: 160
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



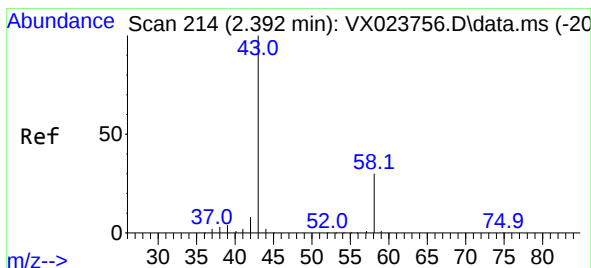
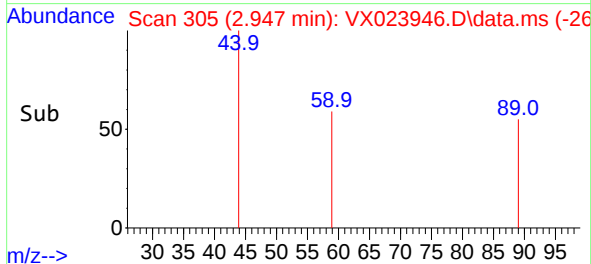
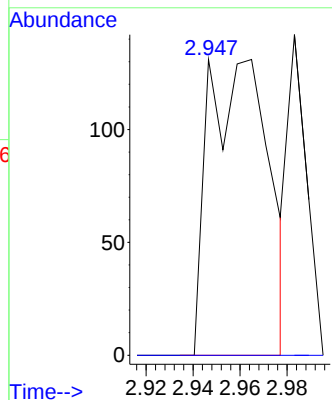
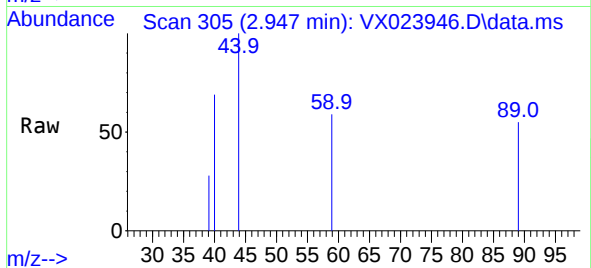


#11

Tert butyl alcohol
Concen: 0.575 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX023946.D
Acq: 25 Aug 2021 18:15

Instrument :
MSVOA_X
ClientSampled :

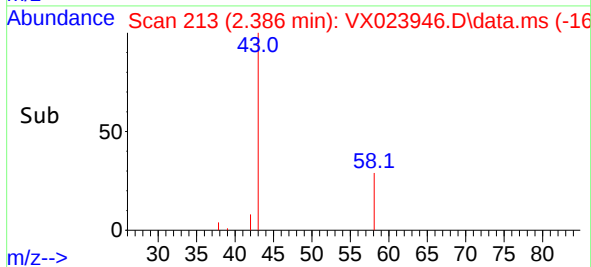
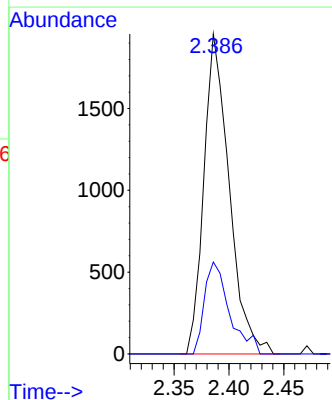
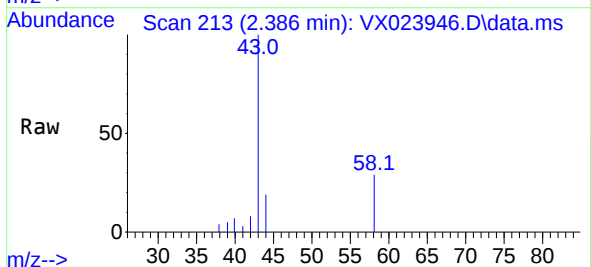
Tgt Ion: 59 Resp: 233
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

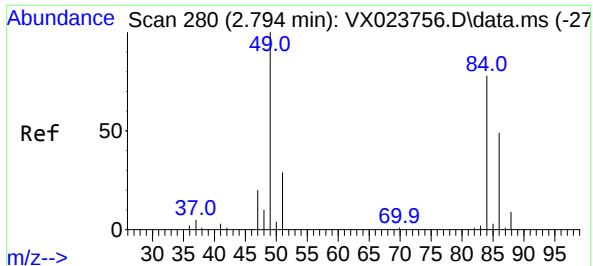


#16

Acetone
Concen: 3.497 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023946.D
Acq: 25 Aug 2021 18:15

Tgt Ion: 43 Resp: 3133
Ion Ratio Lower Upper
43 100
58 28.7 27.8 41.8





#20

Methylene Chloride

Concen: 0.408 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX023946.D

Acq: 25 Aug 2021 18:15

Tgt Ion: 84 Resp: 698

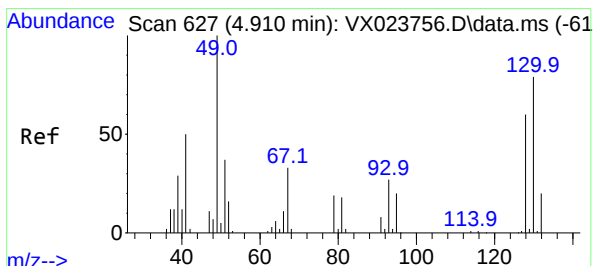
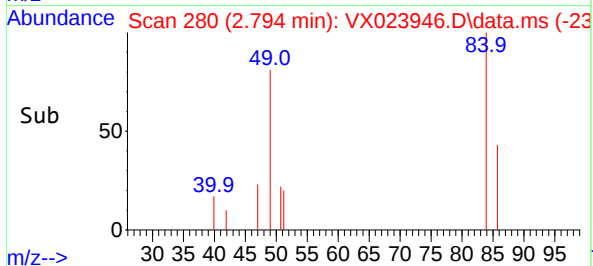
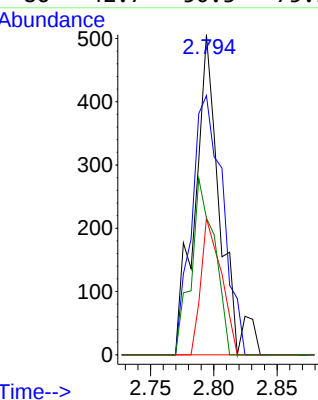
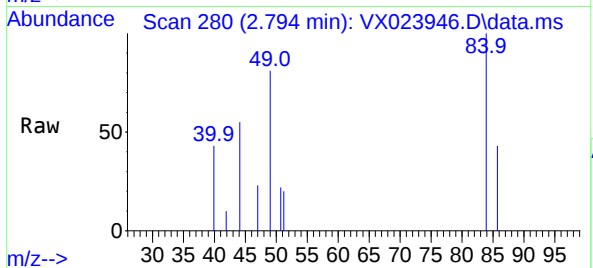
Ion Ratio Lower Upper

84 100

49 81.0 88.6 132.8#

51 42.7 27.0 40.6#

86 42.7 50.3 75.5#



#28

Bromochloromethane

Concen: 0.266 ug/l

RT: 5.105 min Scan# 659

Delta R.T. 0.195 min

Lab File: VX023946.D

Acq: 25 Aug 2021 18:15

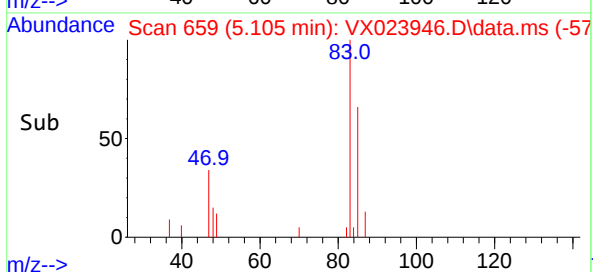
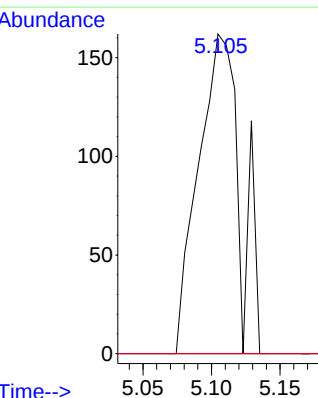
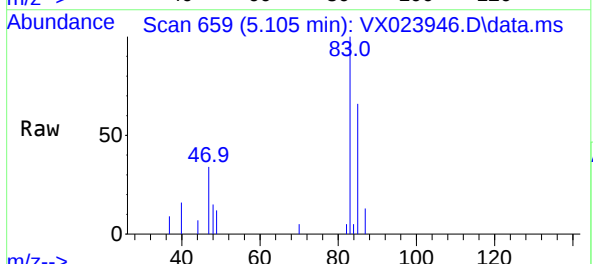
Tgt Ion: 49 Resp: 341

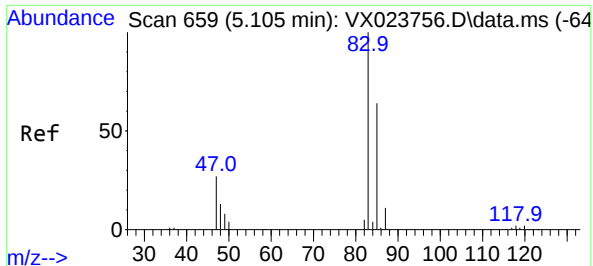
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

130 0.0 68.2 102.2#





#30

Chloroform

Concen: 1.409 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.006 min

Lab File: VX023946.D

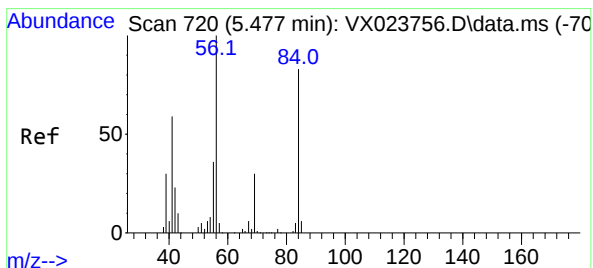
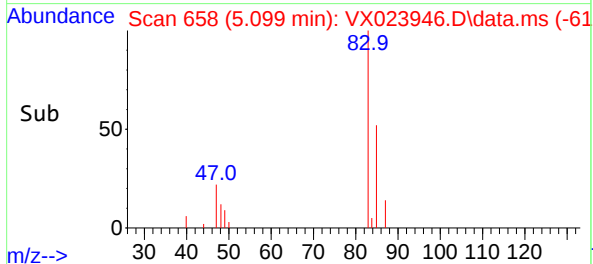
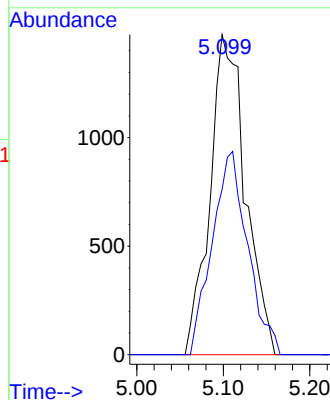
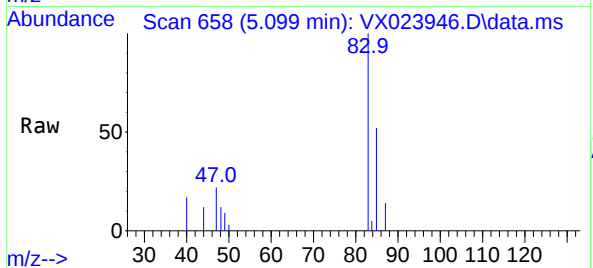
Acq: 25 Aug 2021 18:15

Tgt Ion: 83 Resp: 4198

Ion Ratio Lower Upper

83 100

85 51.7 52.0 78.0#



#31

Cyclohexane

Concen: 1.359 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX023946.D

Acq: 25 Aug 2021 18:15

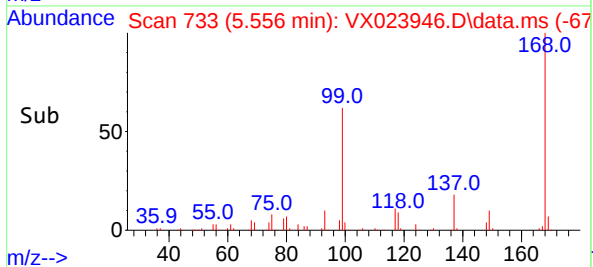
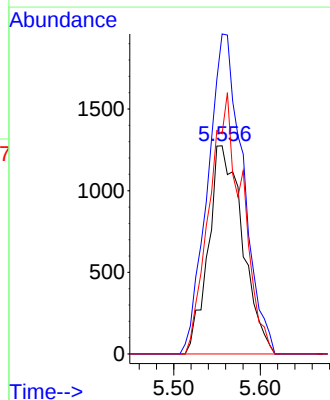
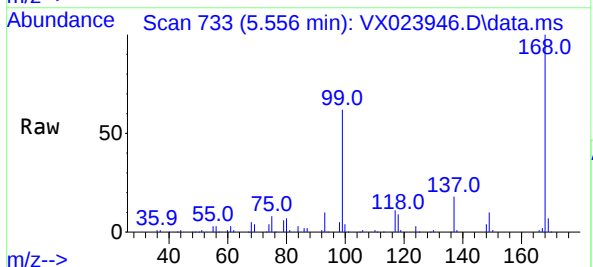
Tgt Ion: 56 Resp: 3499

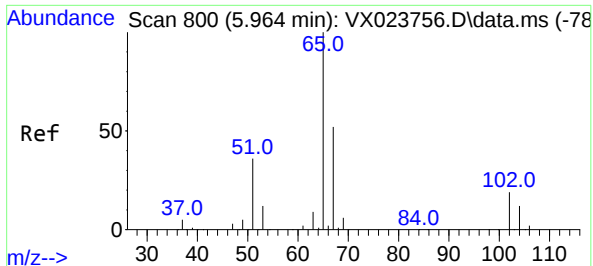
Ion Ratio Lower Upper

56 100

69 153.7 25.3 37.9#

84 105.7 71.4 107.0



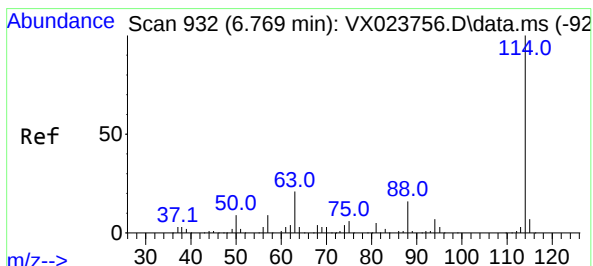
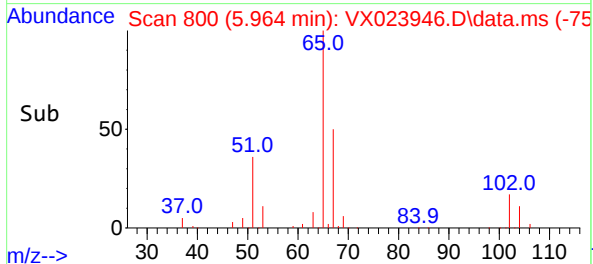
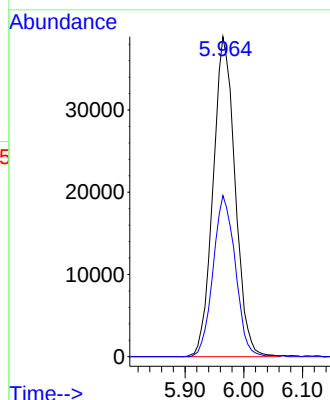
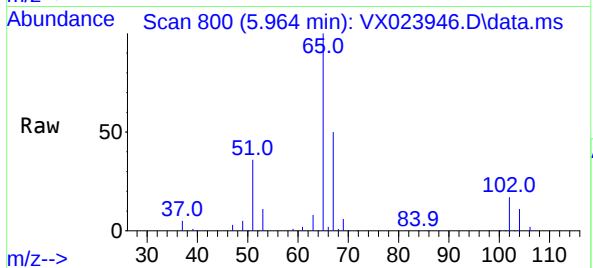


#33

1,2-Dichloroethane-d4
Concen: 50.620 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023946.D
Acq: 25 Aug 2021 18:15

Instrument :
MSVOA_X
ClientSampled :

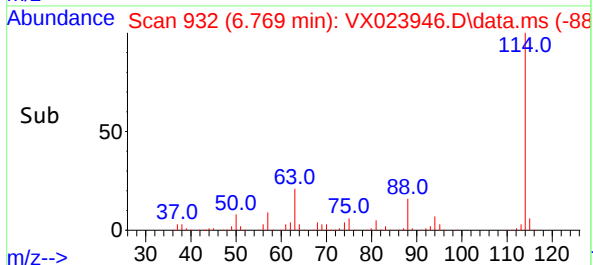
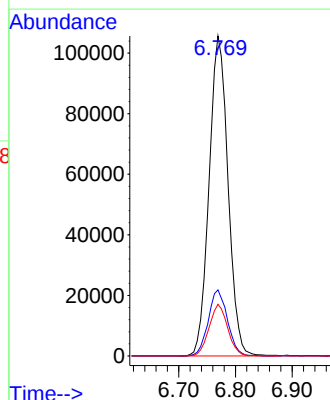
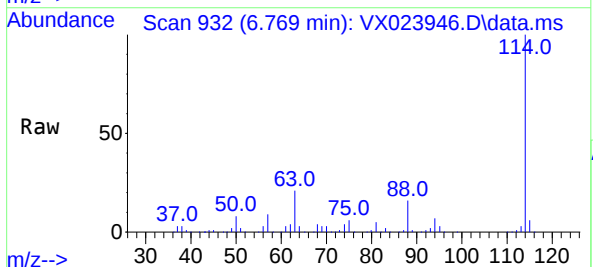
Tgt Ion: 65 Resp: 101418
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.4

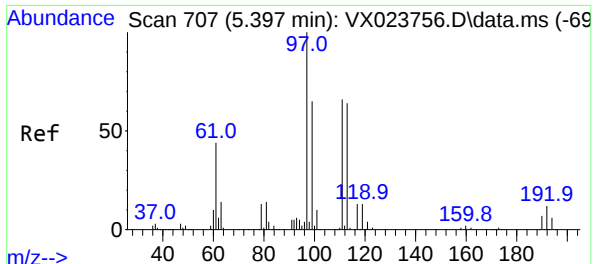


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023946.D
Acq: 25 Aug 2021 18:15

Tgt Ion: 114 Resp: 245001
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 16.1 0.0 32.8



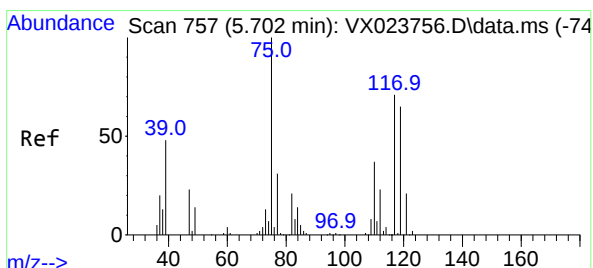
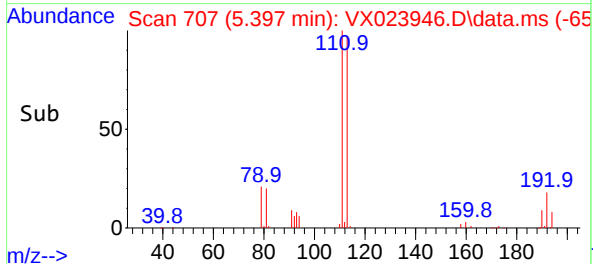
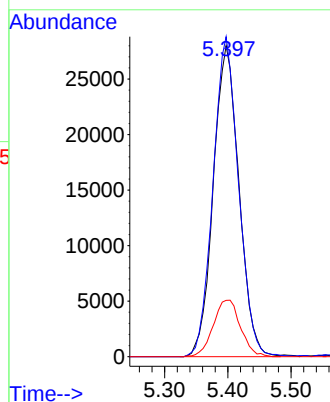
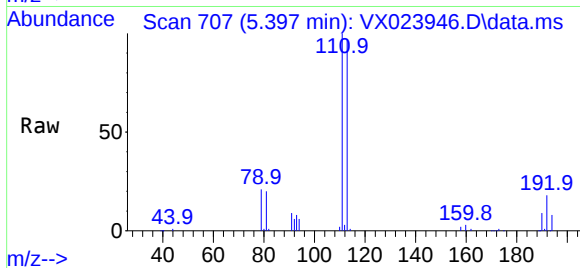


#35
Dibromofluoromethane
Concen: 48.539 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023946.D
Acq: 25 Aug 2021 18:15

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:113 Resp: 78711

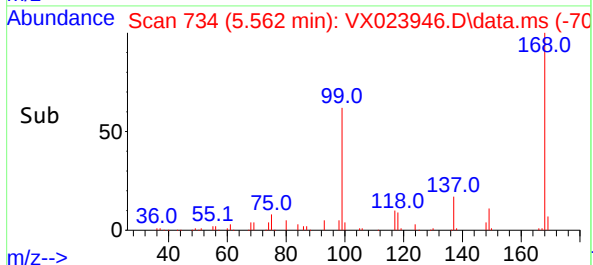
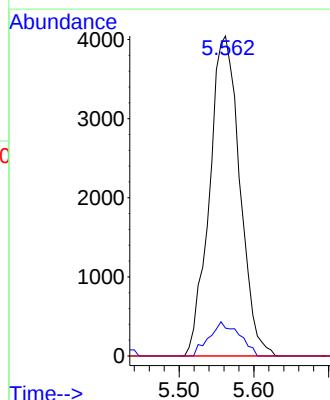
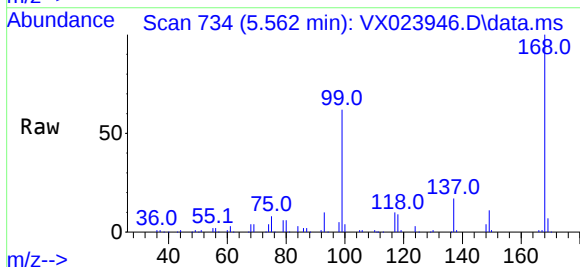
Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.9	122.9
192	19.3	16.7	25.1

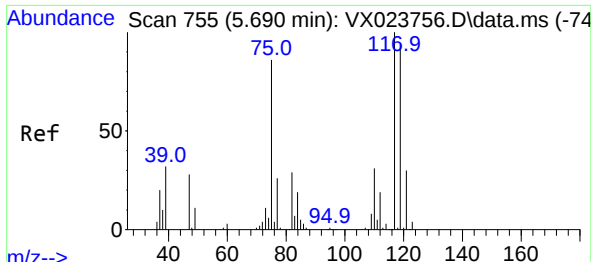


#36
1,1-Dichloropropene
Concen: 5.032 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023946.D
Acq: 25 Aug 2021 18:15

Tgt Ion: 75 Resp: 11416

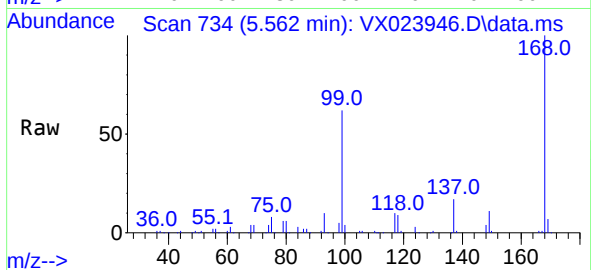
Ion	Ratio	Lower	Upper
75	100		
110	10.5	18.1	54.4#
77	0.0	25.3	37.9#



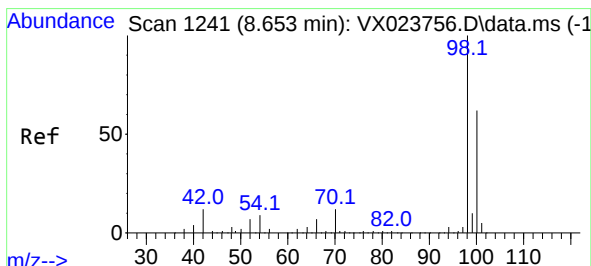
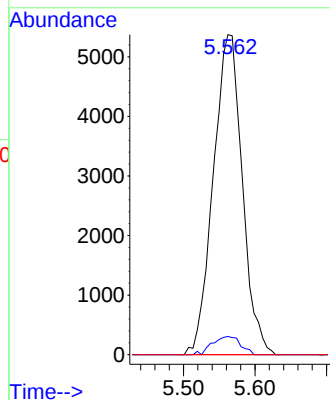
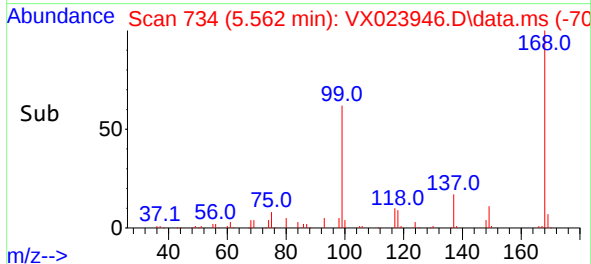


#38
Carbon Tetrachloride
Concen: 6.393 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX023946.D
Acq: 25 Aug 2021 18:15

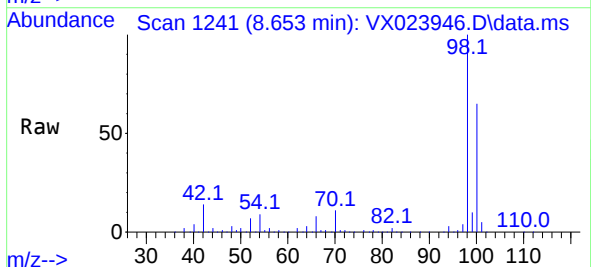
Instrument :
MSVOA_X
ClientSampled :



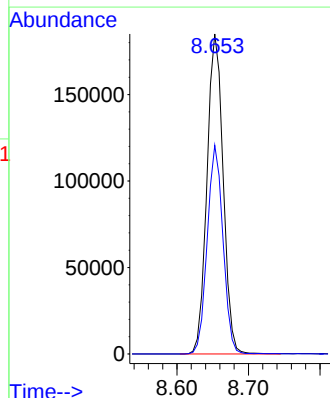
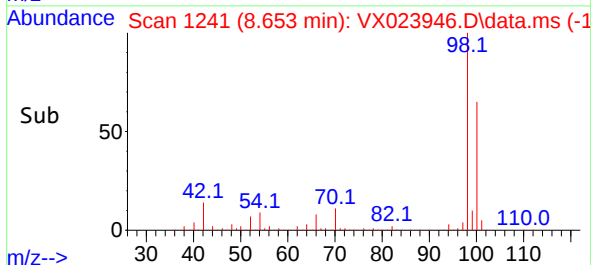
Tgt Ion:117 Resp: 15126
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.2#
121 0.0 24.8 37.2#

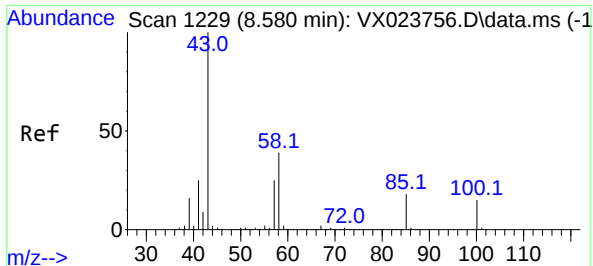


#50
Toluene-d8
Concen: 47.119 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023946.D
Acq: 25 Aug 2021 18:15



Tgt Ion: 98 Resp: 290813
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9

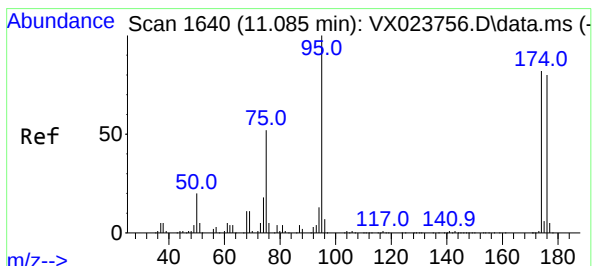
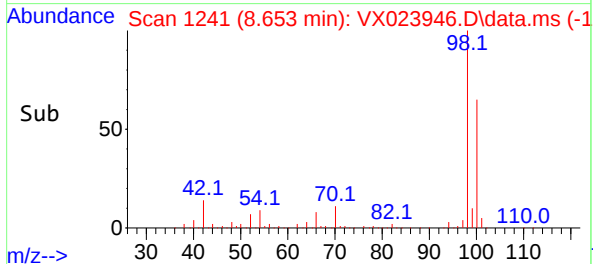
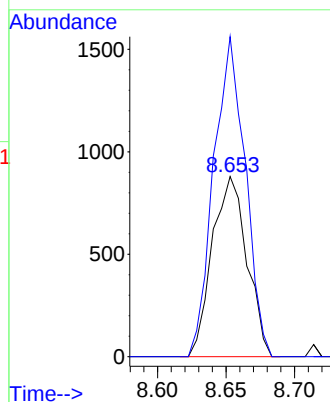
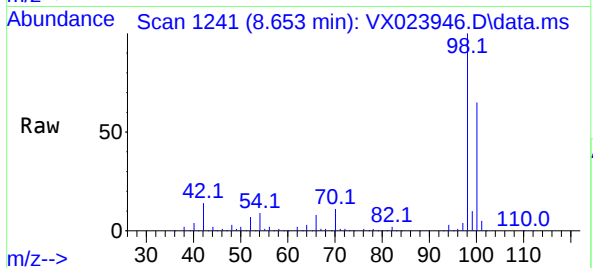




#51
4-Methyl-2-Pentanone
Concen: 0.549 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023946.D
Acq: 25 Aug 2021 18:15

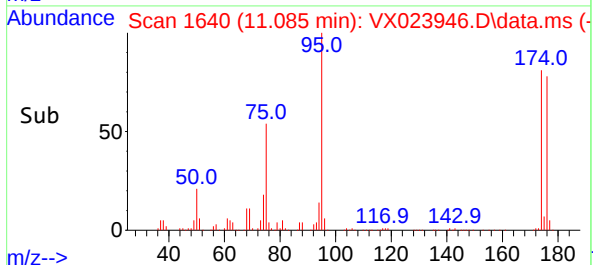
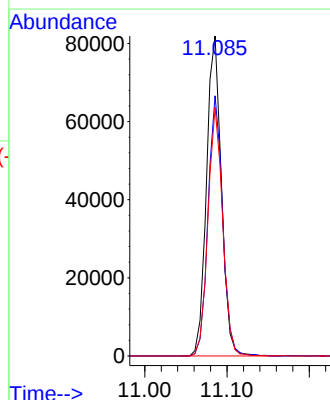
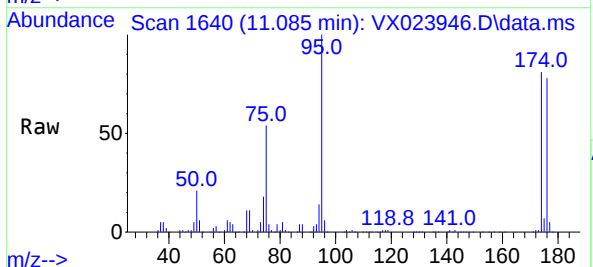
Instrument :
MSVOA_X
ClientSampled :

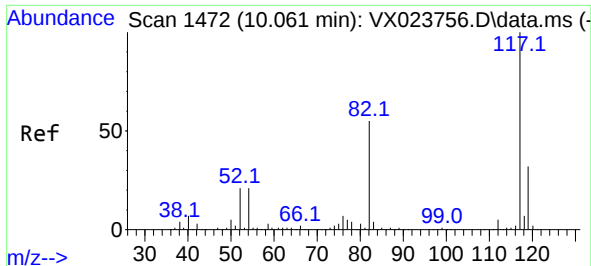
Tgt Ion: 43 Resp: 1547
Ion Ratio Lower Upper
43 100
58 162.1 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 45.296 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023946.D
Acq: 25 Aug 2021 18:15

Tgt Ion: 95 Resp: 102915
Ion Ratio Lower Upper
95 100
174 79.6 0.0 154.6
176 76.6 0.0 155.8

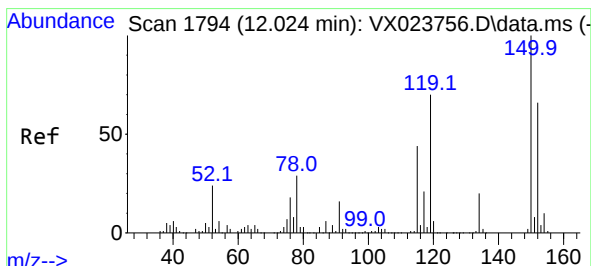
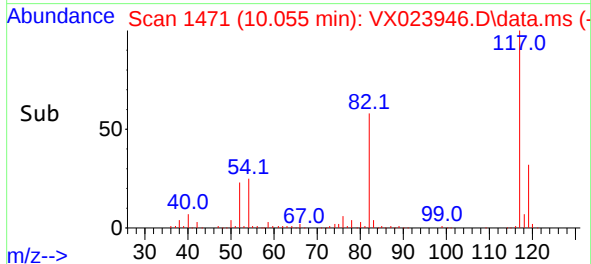
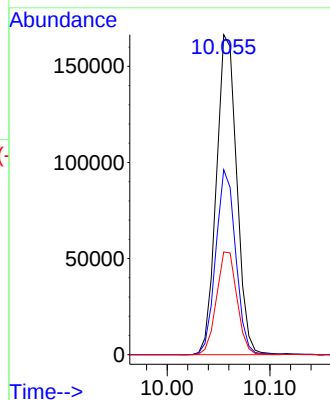
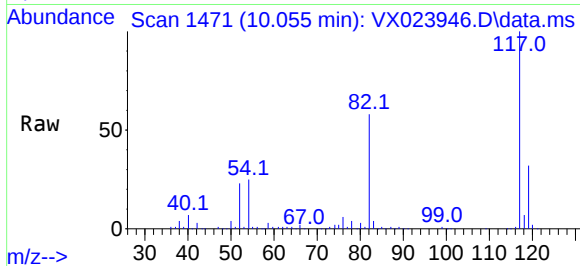




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023946.D
Acq: 25 Aug 2021 18:15

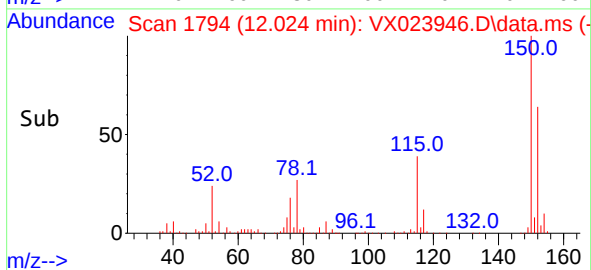
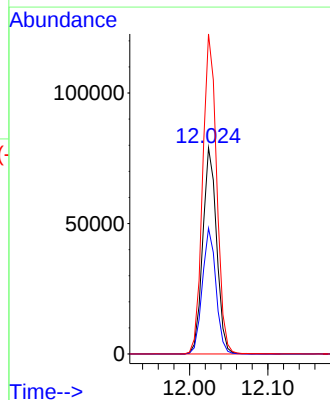
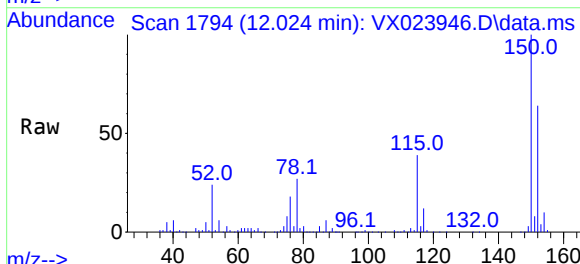
Instrument :
MSVOA_X
ClientSampleId :

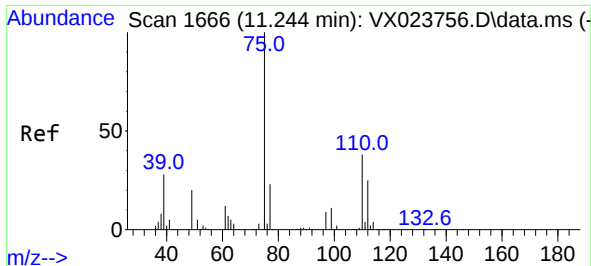
Tgt Ion:117 Resp: 229077
Ion Ratio Lower Upper
117 100
82 57.8 47.4 71.2
119 32.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023946.D
Acq: 25 Aug 2021 18:15

Tgt Ion:152 Resp: 97160
Ion Ratio Lower Upper
152 100
115 59.7 41.1 123.3
150 157.0 0.0 349.0

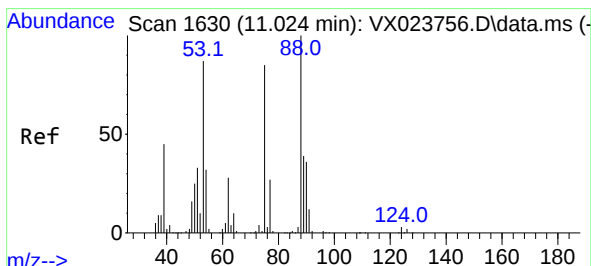
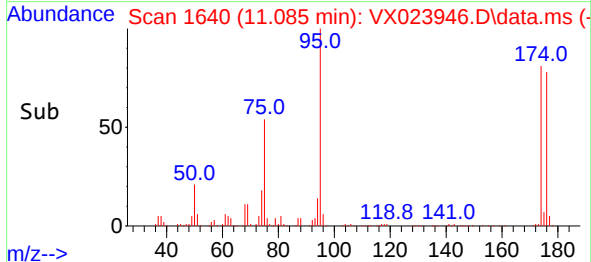
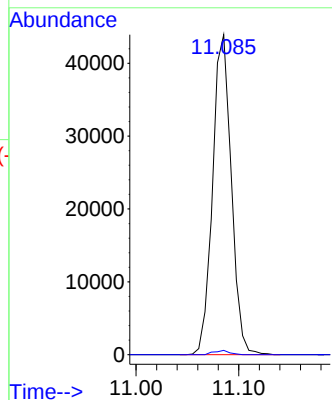
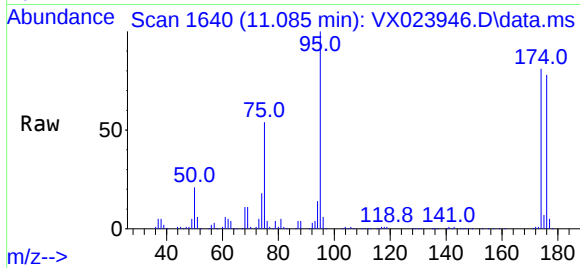




#76
1,2,3-Trichloropropane
Concen: 24.435 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023946.D
Acq: 25 Aug 2021 18:15

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 55382
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.877 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023946.D
Acq: 25 Aug 2021 18:15

Tgt Ion: 75 Resp: 55382
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

