

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092121\
 Data File : VX024415.D
 Acq On : 22 Sep 2021 03:48
 Operator : JC/MD
 Sample : M3833-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW201D-20210919

Quant Time: Sep 22 04:56:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 21 10:52:48 2021
 Response via : Initial Calibration

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

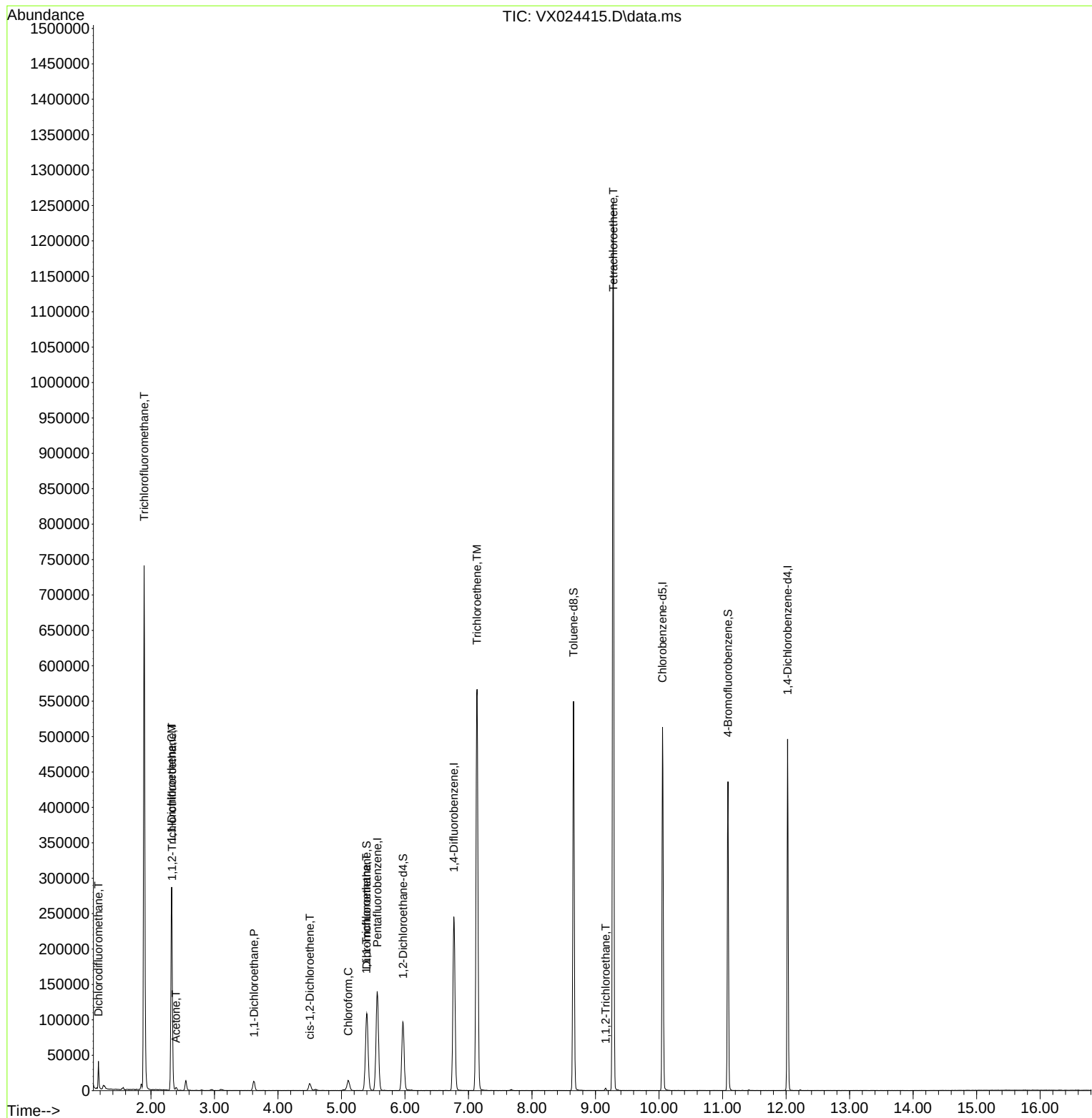
Internal Standards						
1) Pentafluorobenzene	5.562	168	128505	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	243960	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223854	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97487	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	99072	54.066	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.140%			
35) Dibromofluoromethane	5.397	113	76649	46.849	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.700%			
50) Toluene-d8	8.653	98	315369	52.912	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.820%			
62) 4-Bromofluorobenzene	11.085	95	115432	49.765	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.540%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	19841	16.062	ug/l	100
7) Trichlorofluoromethane	1.892	101	452819	210.270	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	5997	4.740	ug/l	97
12) 1,1-Dichloroethene	2.325	96	88941	75.065	ug/l	93
16) Acetone	2.392	43	1528	1.956	ug/l	89
24) 1,1-Dichloroethane	3.623	63	14877	5.995	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	6230	4.159	ug/l	92
30) Chloroform	5.105	83	17125	6.489	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	18948	8.022	ug/l	96
44) Trichloroethene	7.135	130	217512	120.338	ug/l	99
55) 1,1,2-Trichloroethane	9.159	97	841	0.468	ug/l #	87
64) Tetrachloroethene	9.281	164	241006	138.975	ug/l	96

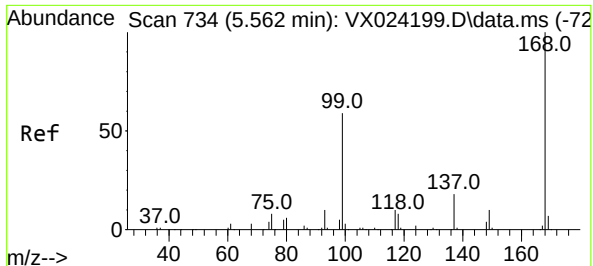
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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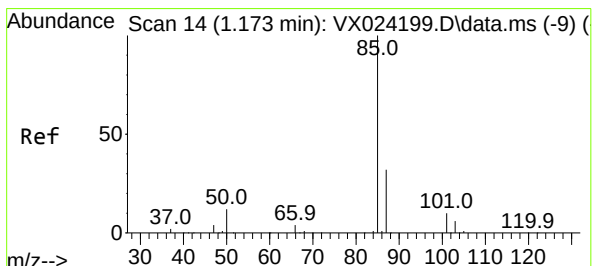
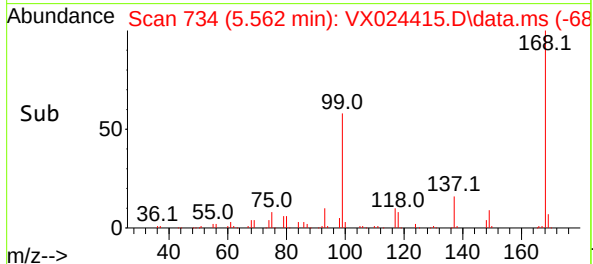
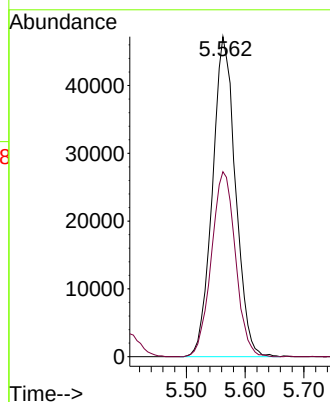
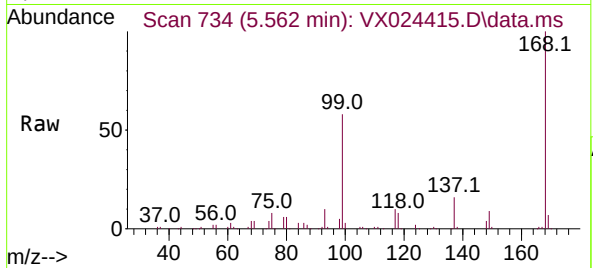




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024415.D
Acq: 22 Sep 2021 03:48

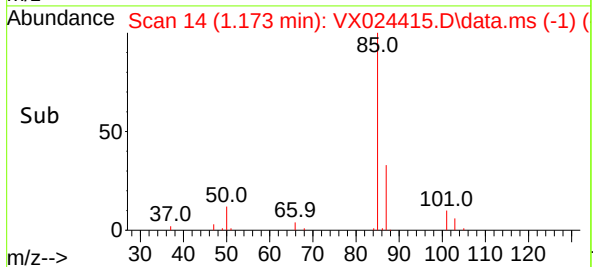
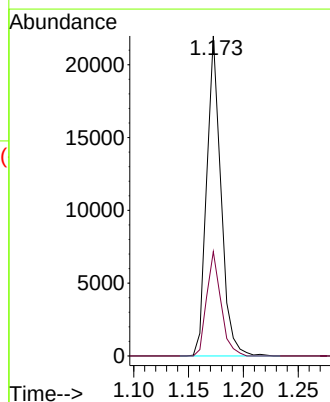
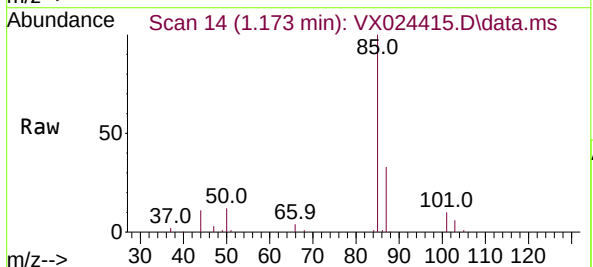
Instrument :
MSVOA_X
ClientSampleId :
MW201D-20210919

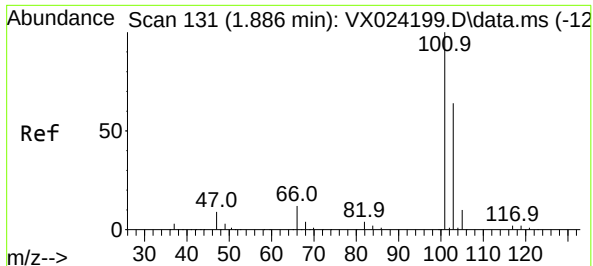
Tgt Ion:168 Resp: 128505
Ion Ratio Lower Upper
168 100
99 57.8 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 16.062 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX024415.D
Acq: 22 Sep 2021 03:48

Tgt Ion: 85 Resp: 19841
Ion Ratio Lower Upper
85 100
87 32.6 16.4 49.2

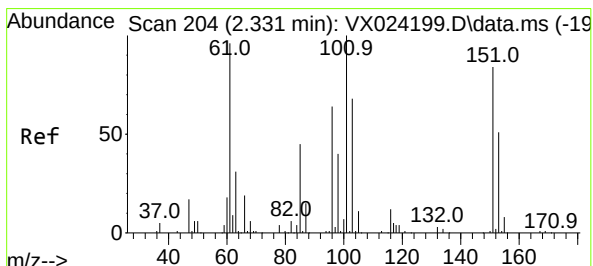
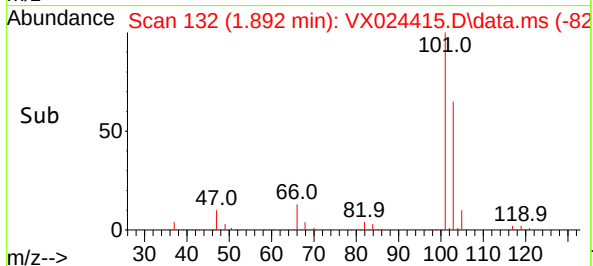
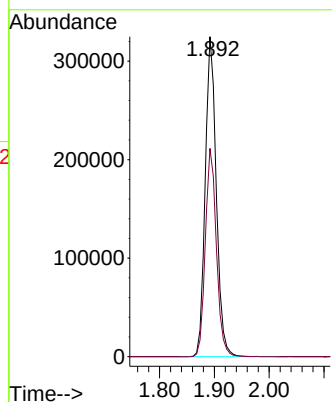
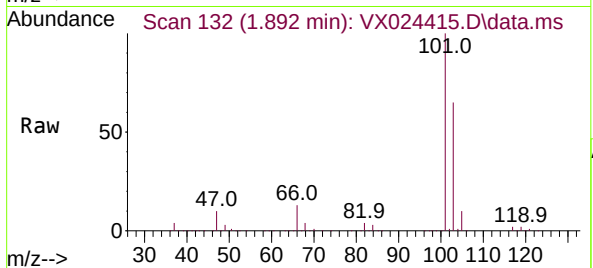




#7
Trichlorofluoromethane
Concen: 210.270 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX024415.D
Acq: 22 Sep 2021 03:48

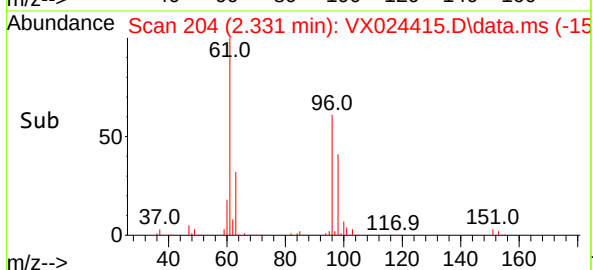
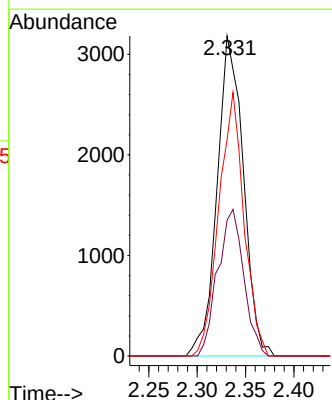
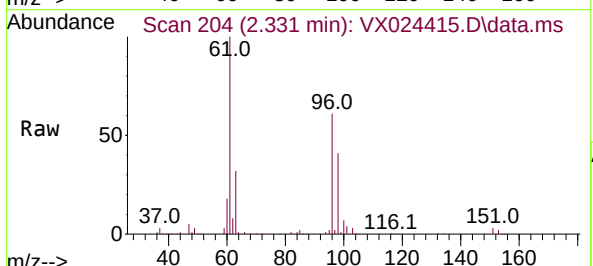
Instrument :
MSVOA_X
ClientSampleId :
MW201D-20210919

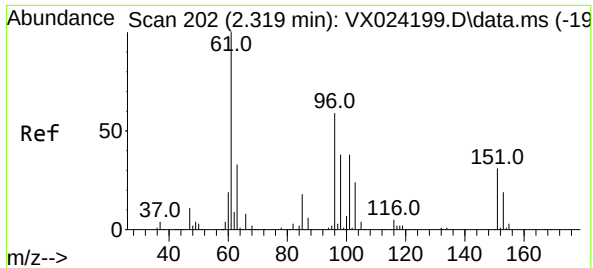
Tgt Ion:101 Resp: 452819
Ion Ratio Lower Upper
101 100
103 65.1 53.2 79.8



#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.740 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX024415.D
Acq: 22 Sep 2021 03:48

Tgt Ion:101 Resp: 5997
Ion Ratio Lower Upper
101 100
85 45.5 34.9 52.3
151 78.8 61.4 92.2





#12

1,1-Dichloroethene

Concen: 75.065 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX024415.D

Acq: 22 Sep 2021 03:48

Tgt Ion: 96 Resp: 88941

Ion Ratio Lower Upper

96 100

61 168.6 124.6 187.0

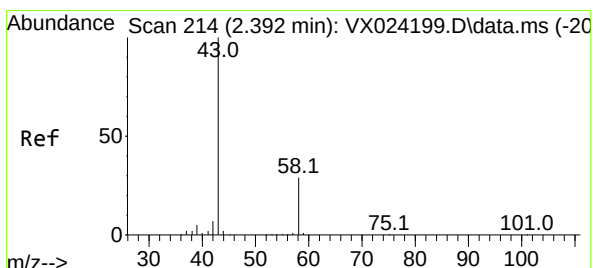
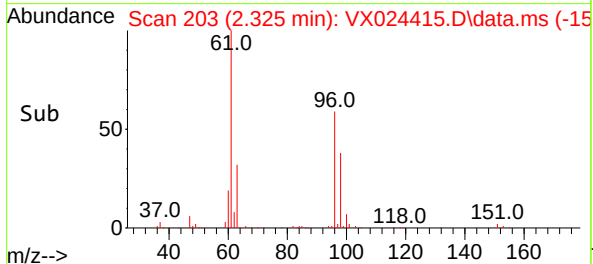
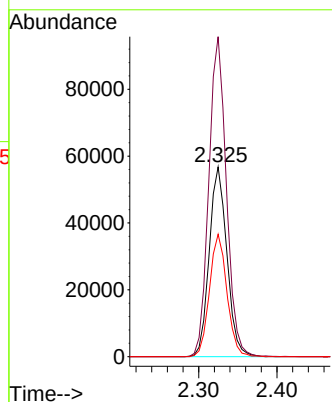
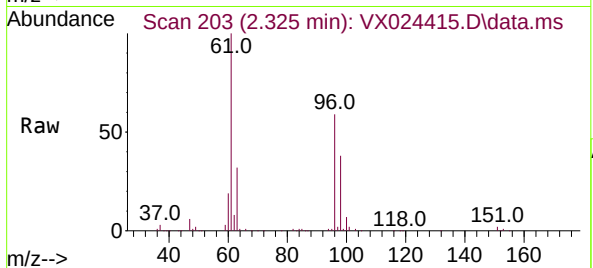
98 64.5 50.6 76.0

Instrument :

MSVOA_X

ClientSampleId :

MW201D-20210919



#16

Acetone

Concen: 1.956 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX024415.D

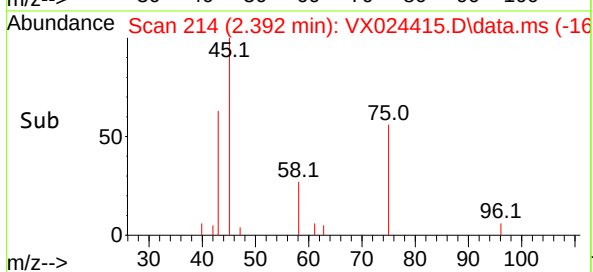
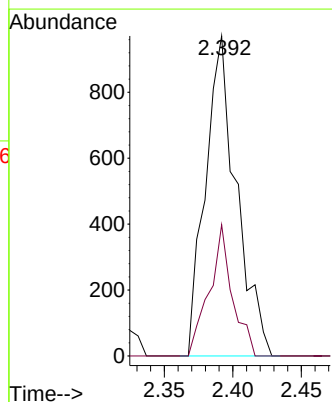
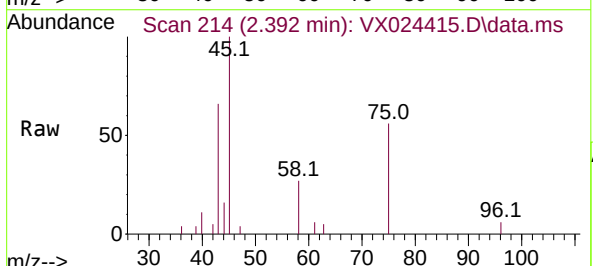
Acq: 22 Sep 2021 03:48

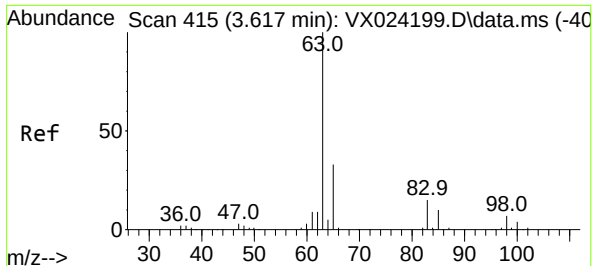
Tgt Ion: 43 Resp: 1528

Ion Ratio Lower Upper

43 100

58 41.0 27.8 41.8

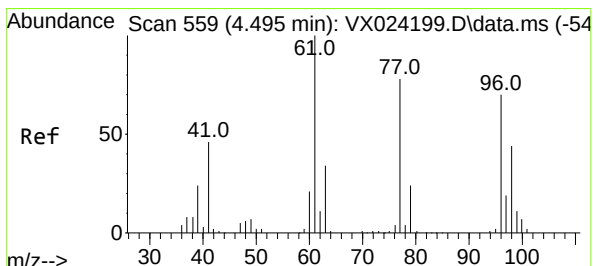
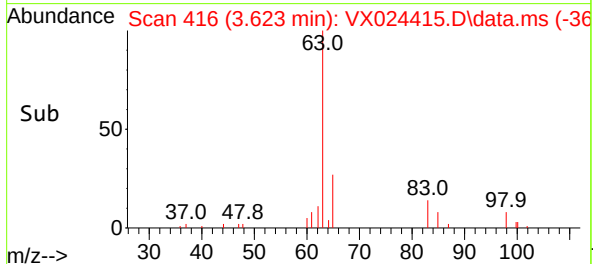
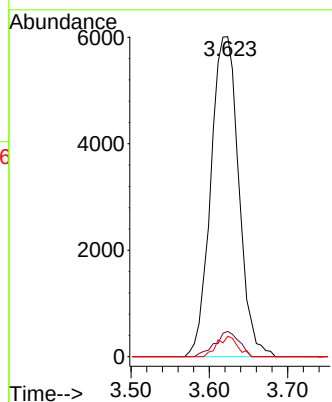
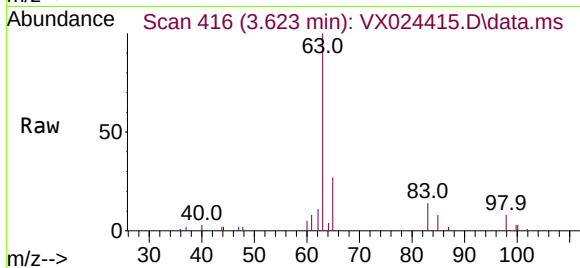




#24
1,1-Dichloroethane
Concen: 5.995 ug/l
RT: 3.623 min Scan# 416
Delta R.T. 0.006 min
Lab File: VX024415.D
Acq: 22 Sep 2021 03:48

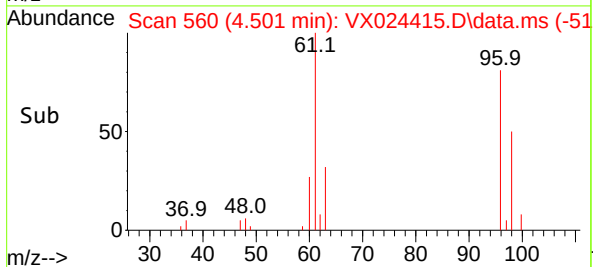
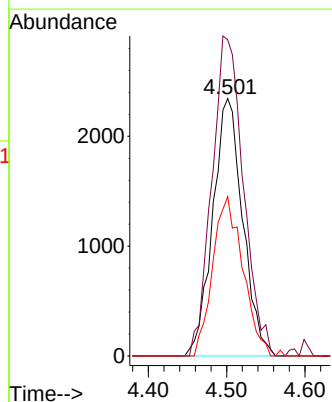
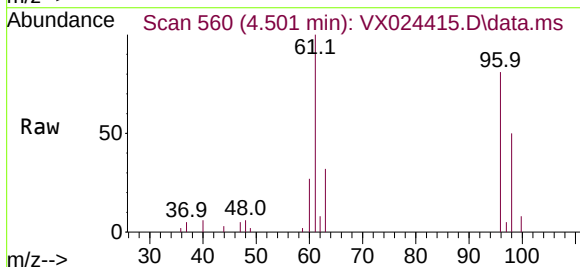
Instrument :
MSVOA_X
ClientSampleId :
MW201D-20210919

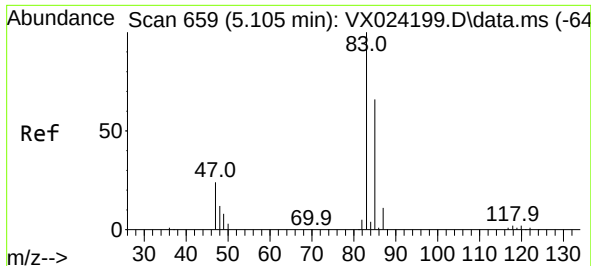
Tgt Ion: 63	Resp: 14877
Ion Ratio	Lower Upper
63 100	
98 7.9	3.8 11.2
100 6.4	2.5 7.5



#27
cis-1,2-Dichloroethene
Concen: 4.159 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX024415.D
Acq: 22 Sep 2021 03:48

Tgt Ion: 96	Resp: 6230
Ion Ratio	Lower Upper
96 100	
61 130.7	0.0 285.6
98 62.1	0.0 129.6





#30

Chloroform

Concen: 6.489 ug/l

RT: 5.105 min Scan# 659

Delta R.T. -0.000 min

Lab File: VX024415.D

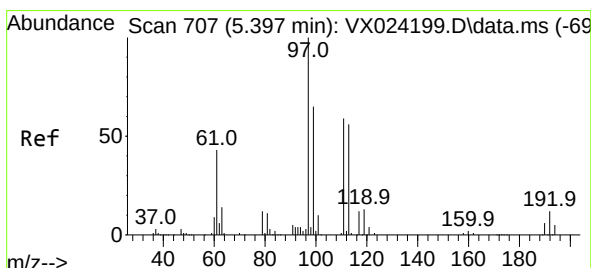
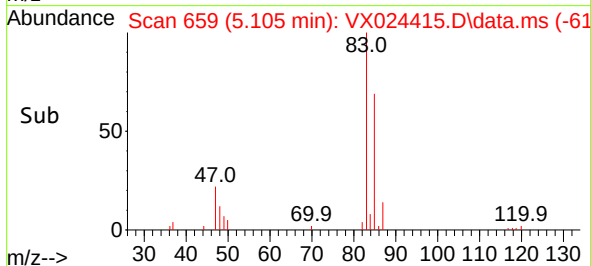
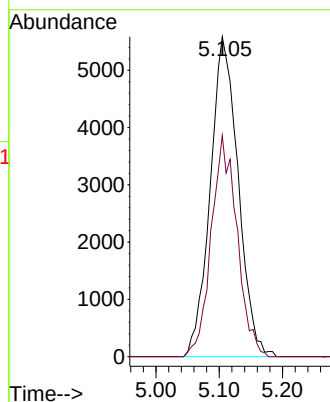
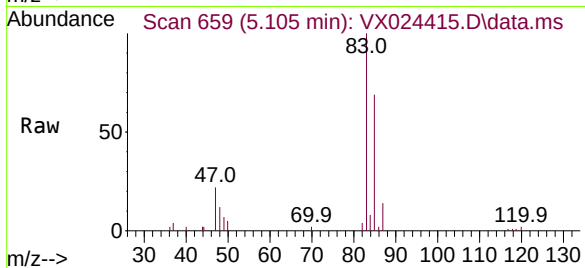
Acq: 22 Sep 2021 03:48

Tgt Ion: 83 Resp: 17125

Ion Ratio Lower Upper

83 100

85 69.0 52.0 78.0



#32

1,1,1-Trichloroethane

Concen: 8.022 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX024415.D

Acq: 22 Sep 2021 03:48

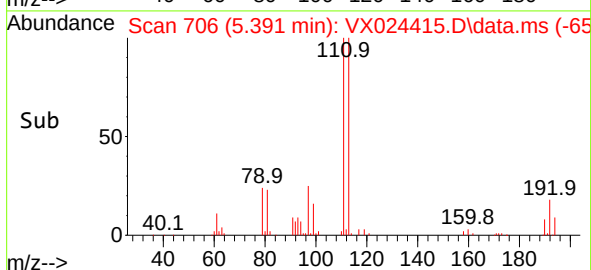
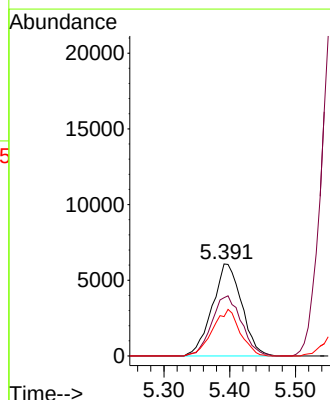
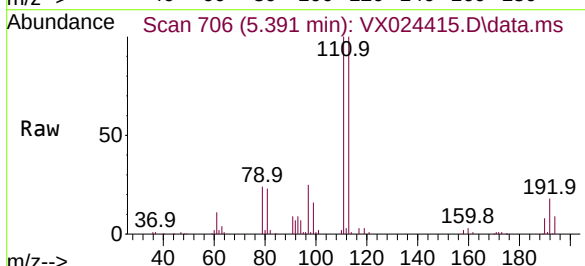
Tgt Ion: 97 Resp: 18948

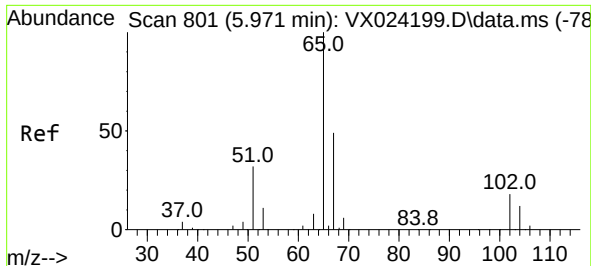
Ion Ratio Lower Upper

97 100

99 65.8 51.5 77.3

61 47.4 34.2 51.4

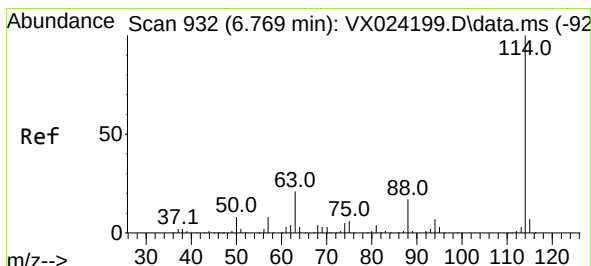
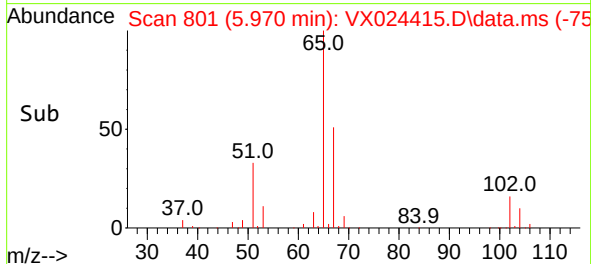
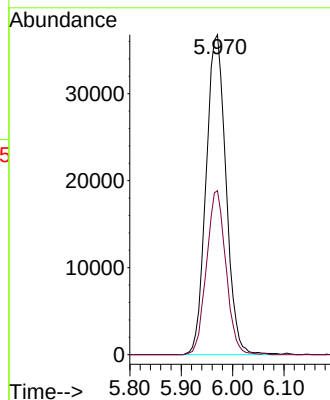
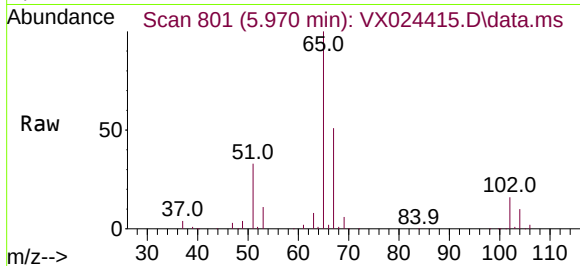




#33
 1,2-Dichloroethane-d4
 Concen: 54.066 ug/l
 RT: 5.970 min Scan# 801
 Delta R.T. -0.001 min
 Lab File: VX024415.D
 Acq: 22 Sep 2021 03:48

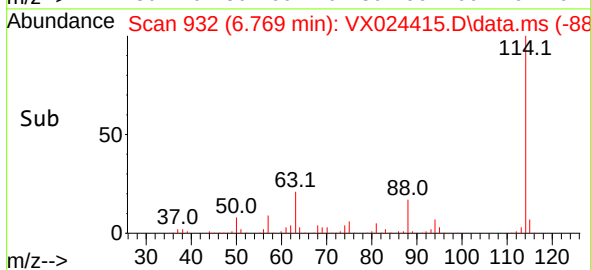
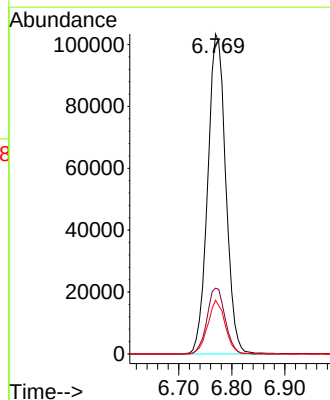
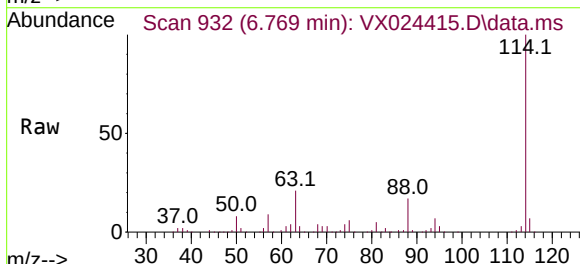
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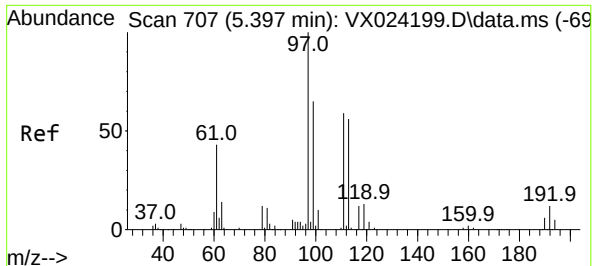
Tgt Ion: 65 Resp: 99072
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX024415.D
 Acq: 22 Sep 2021 03:48

Tgt Ion: 114 Resp: 243960
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.8
 88 16.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.849 ug/l

RT: 5.397 min Scan# 707

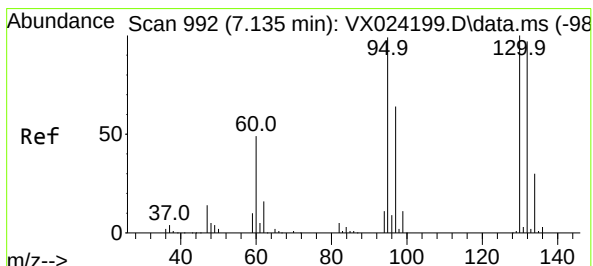
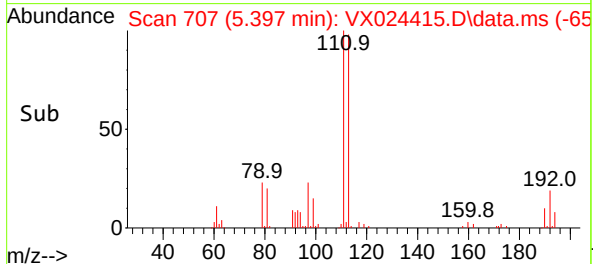
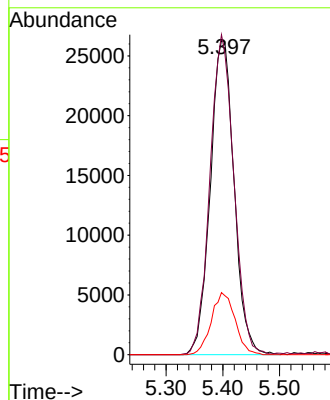
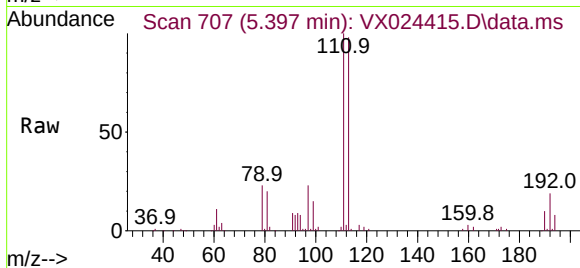
Delta R.T. 0.000 min

Lab File: VX024415.D

Acq: 22 Sep 2021 03:48

Tgt Ion:	113	Resp:	76649
Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.9	122.9
192	19.7	16.7	25.1

Instrument :
MSVOA_X
ClientSampleId :
MW201D-20210919



#44

Trichloroethene

Concen: 120.338 ug/l

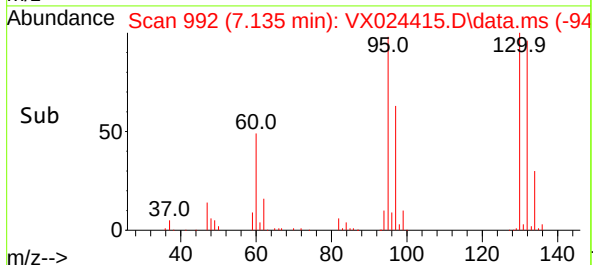
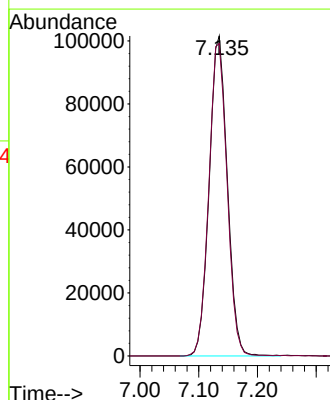
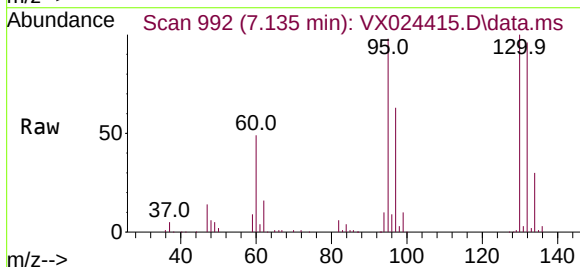
RT: 7.135 min Scan# 992

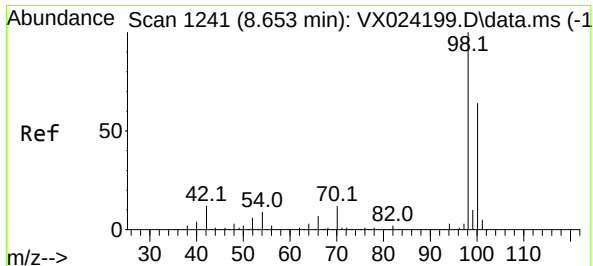
Delta R.T. -0.000 min

Lab File: VX024415.D

Acq: 22 Sep 2021 03:48

Tgt Ion:	130	Resp:	217512
Ion	Ratio	Lower	Upper
130	100		
95	97.6	0.0	198.0

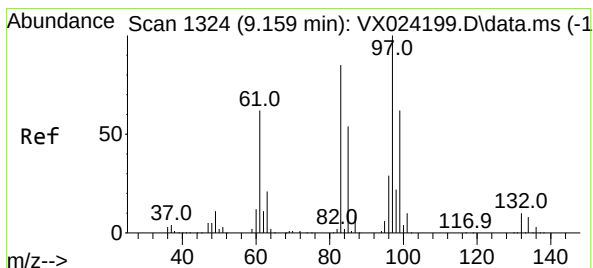
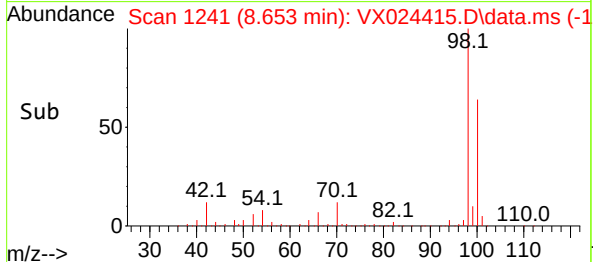
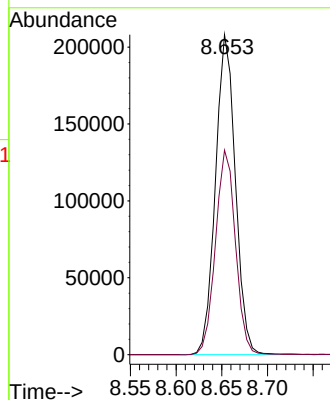
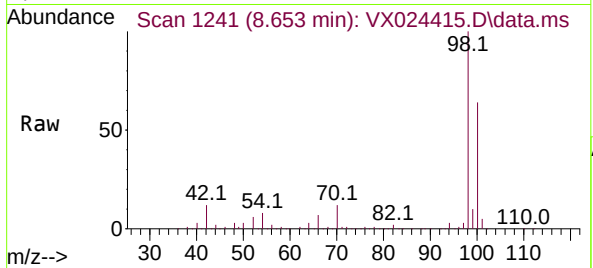




#50
Toluene-d8
Concen: 52.912 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024415.D
Acq: 22 Sep 2021 03:48

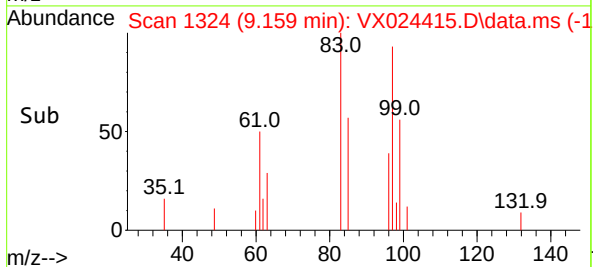
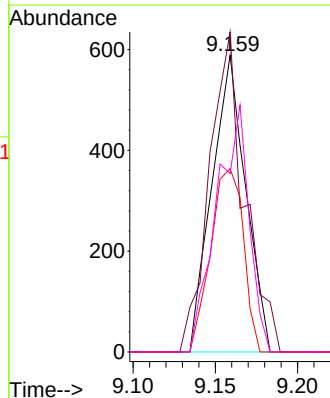
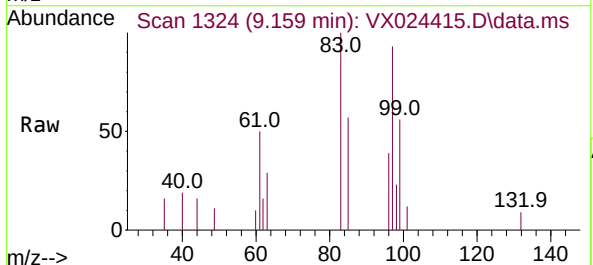
Instrument :
MSVOA_X
ClientSampleId :
MW201D-20210919

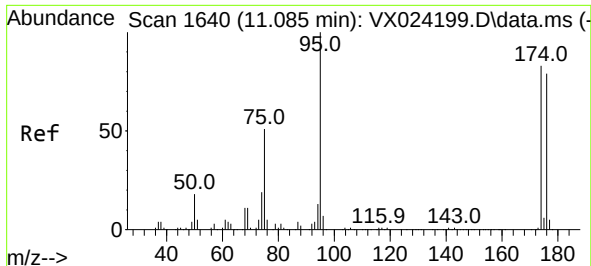
Tgt Ion: 98 Resp: 315369
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9



#55
1,1,2-Trichloroethane
Concen: 0.468 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. -0.000 min
Lab File: VX024415.D
Acq: 22 Sep 2021 03:48

Tgt Ion: 97 Resp: 841
Ion Ratio Lower Upper
97 100
83 107.8 69.3 103.9#
85 61.8 44.3 66.5
99 60.1 50.3 75.5

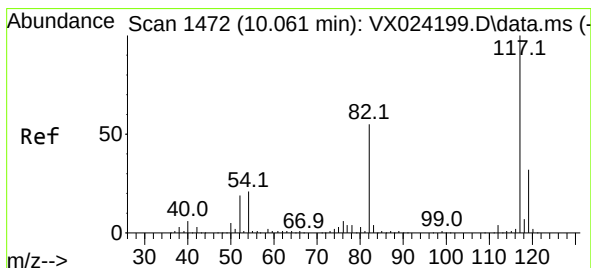
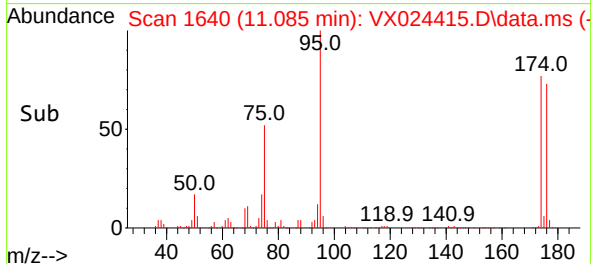
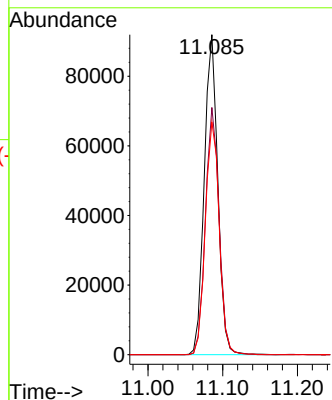
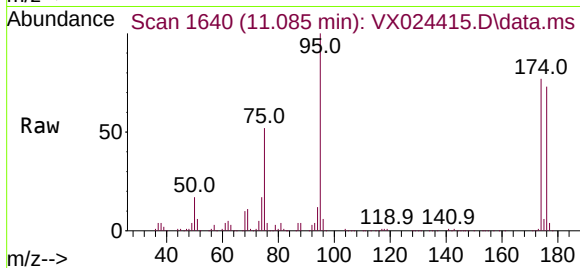




#62
4-Bromofluorobenzene
Concen: 49.765 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024415.D
Acq: 22 Sep 2021 03:48

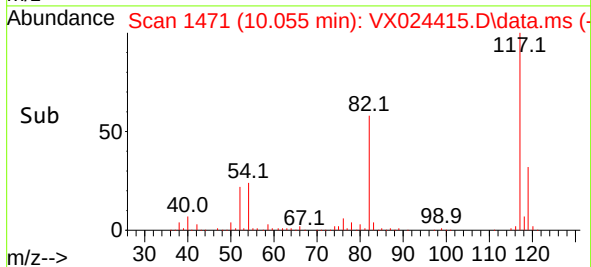
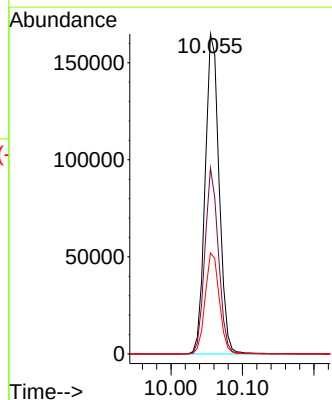
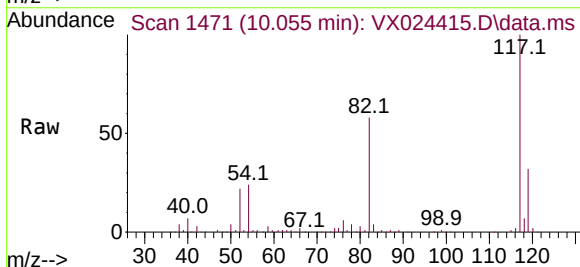
Instrument :
MSVOA_X
ClientSampleId :
MW201D-20210919

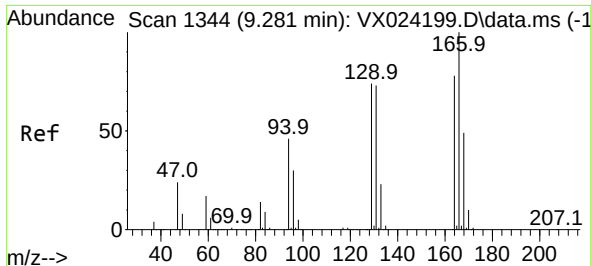
Tgt Ion: 95 Resp: 115432
Ion Ratio Lower Upper
95 100
174 78.0 0.0 154.6
176 75.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024415.D
Acq: 22 Sep 2021 03:48

Tgt Ion: 117 Resp: 223854
Ion Ratio Lower Upper
117 100
82 58.1 47.4 71.2
119 31.5 26.6 39.8



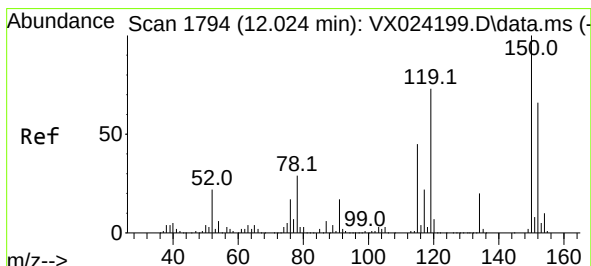
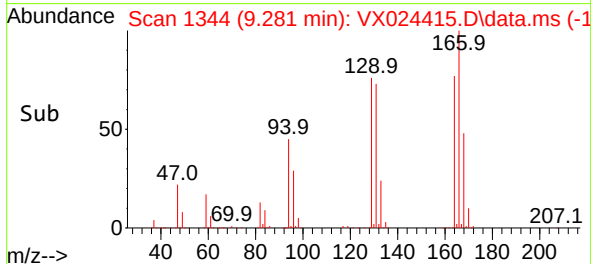
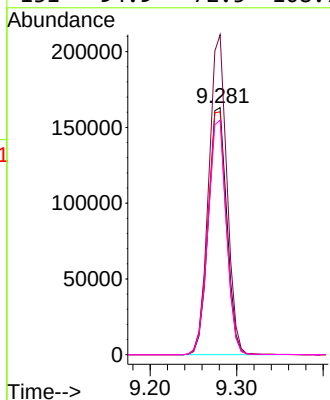
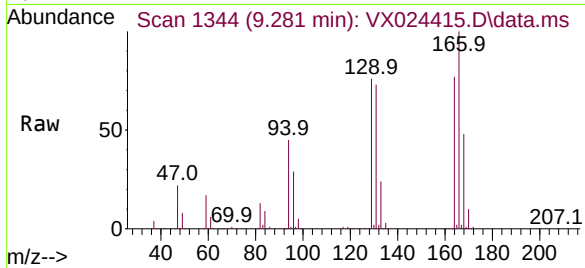


#64
Tetrachloroethene
Concen: 138.975 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VX024415.D
Acq: 22 Sep 2021 03:48

Instrument :
MSVOA_X
ClientSampleId :
MW201D-20210919

Tgt Ion:164 Resp: 241006

Ion	Ratio	Lower	Upper
164	100		
166	129.5	103.4	155.2
129	98.3	70.8	106.2
131	94.9	72.5	108.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024415.D
Acq: 22 Sep 2021 03:48

Tgt Ion:152 Resp: 97487

Ion	Ratio	Lower	Upper
152	100		
115	61.4	41.1	123.3
150	159.2	0.0	349.0

