

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092321\
 Data File : VX024482.D
 Acq On : 24 Sep 2021 05:02
 Operator : JC/MD
 Sample : M3829-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW203D1-20210918

Quant Time: Sep 24 07:44:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

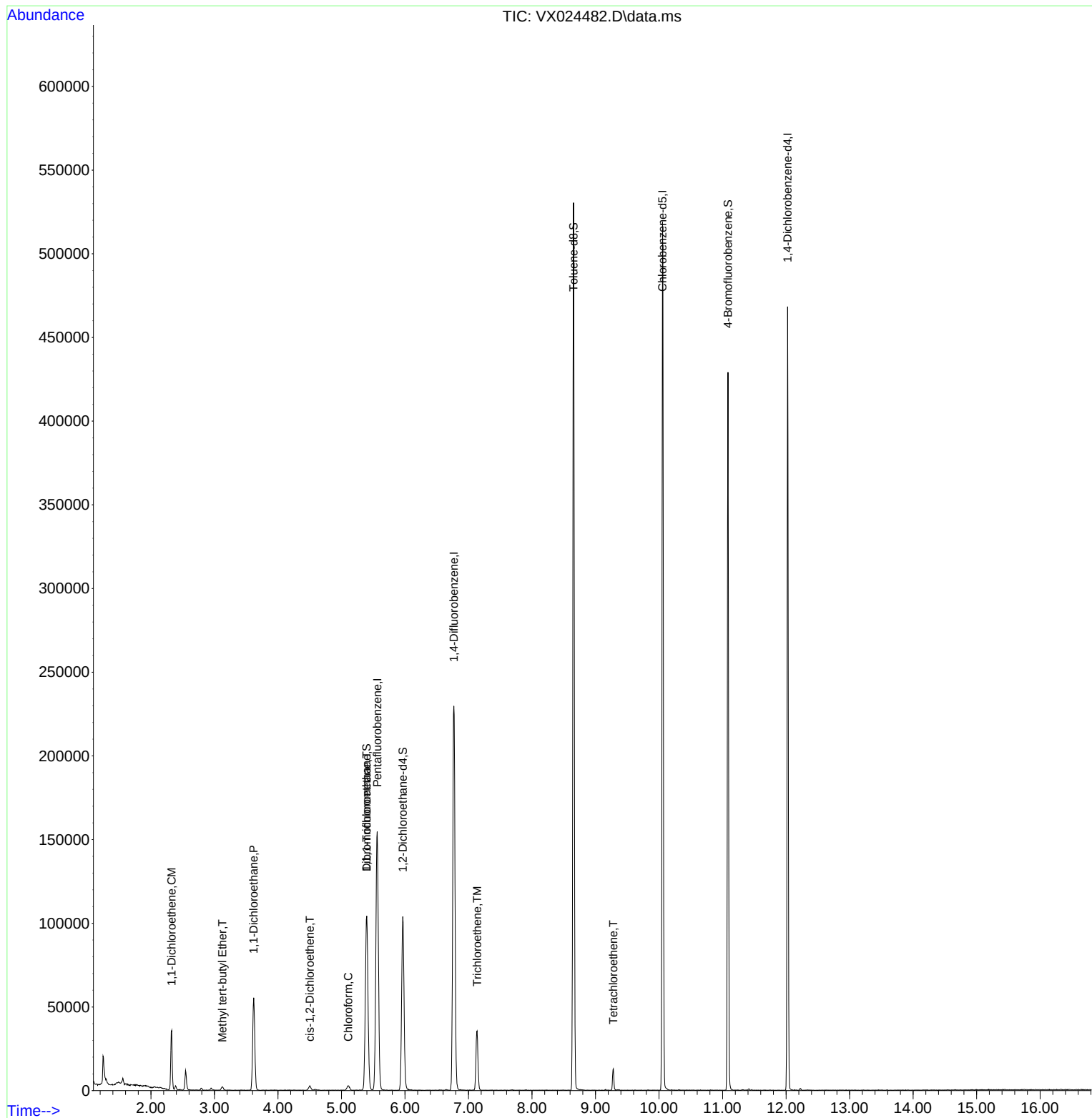
Internal Standards						
1) Pentafluorobenzene	5.562	168	145194	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	244770	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	239775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92028	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	103975	50.810	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 101.620%		
35) Dibromofluoromethane	5.397	113	83566	51.391	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.780%		
50) Toluene-d8	8.653	98	305526	51.050	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 102.100%		
62) 4-Bromofluorobenzene	11.085	95	111604	47.428	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 94.860%		
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	2.325	96	11627	8.736	ug/l	95
19) Methyl tert-butyl Ether	3.123	73	2362	0.471	ug/l	96
24) 1,1-Dichloroethane	3.617	63	61546	22.296	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	1800	1.019	ug/l	89
30) Chloroform	5.105	83	3465	1.137	ug/l	84
32) 1,1,1-Trichloroethane	5.397	97	8827	3.261	ug/l	96
44) Trichloroethene	7.135	130	14135	7.657	ug/l	91
64) Tetrachloroethene	9.281	164	2249	1.355	ug/l	93

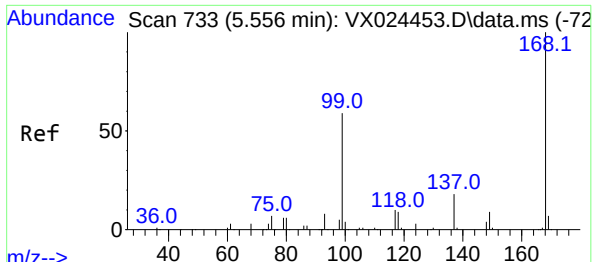
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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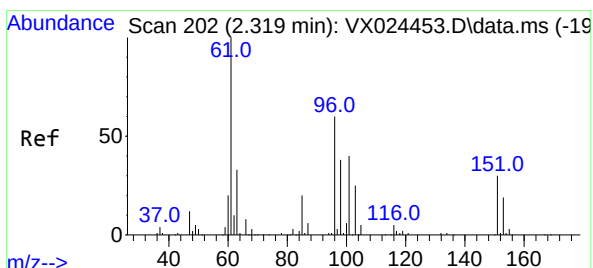
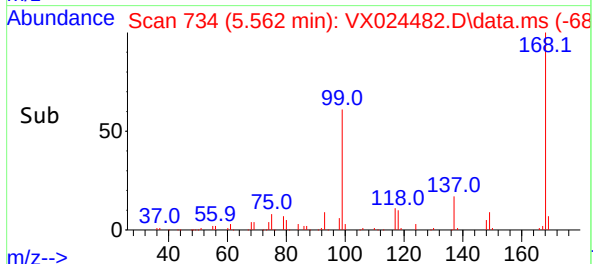
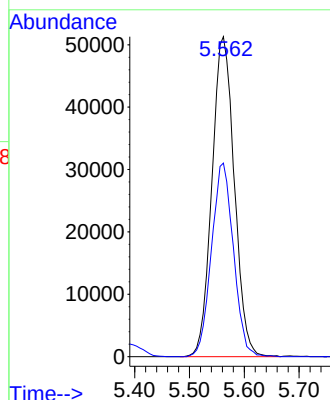
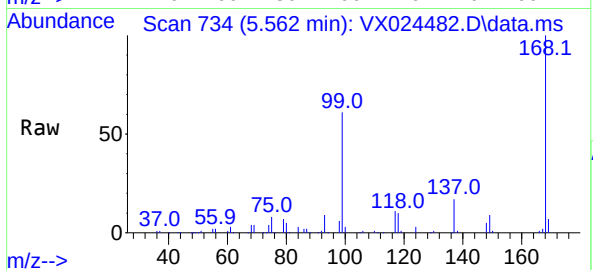




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024482.D
Acq: 24 Sep 2021 05:02

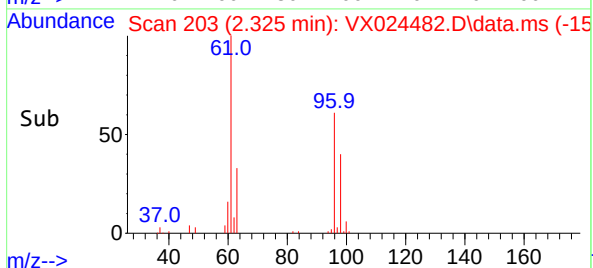
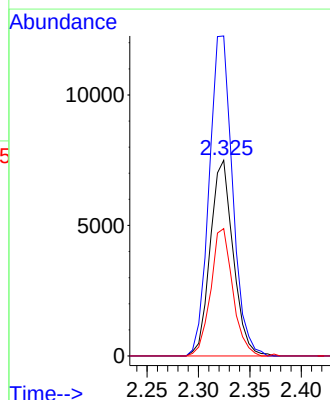
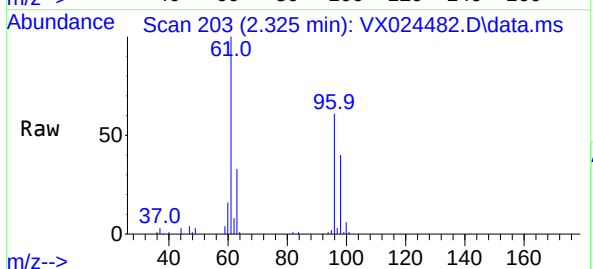
Instrument :
MSVOA_X
ClientSampleId :
MW203D1-20210918

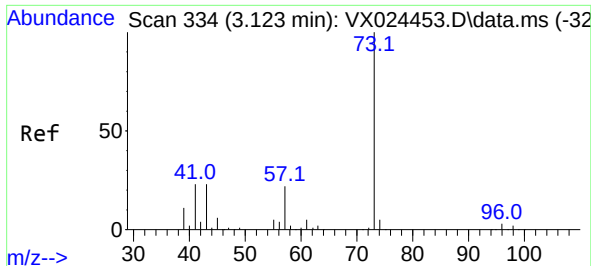
Tgt Ion:168 Resp: 145194
Ion Ratio Lower Upper
168 100
99 60.5 45.8 68.6



#12
1,1-Dichloroethene
Concen: 8.736 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX024482.D
Acq: 24 Sep 2021 05:02

Tgt Ion: 96 Resp: 11627
Ion Ratio Lower Upper
96 100
61 163.6 124.6 187.0
98 65.1 50.6 76.0



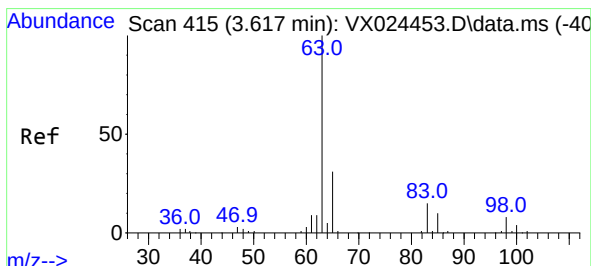
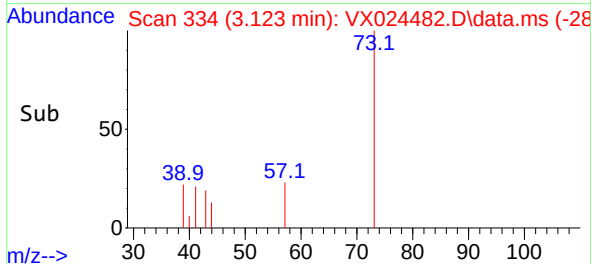
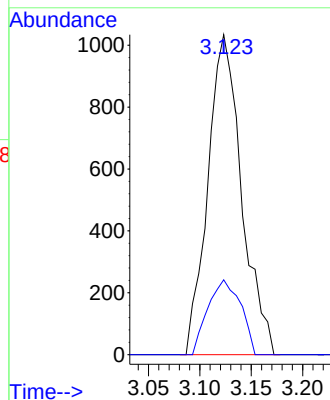
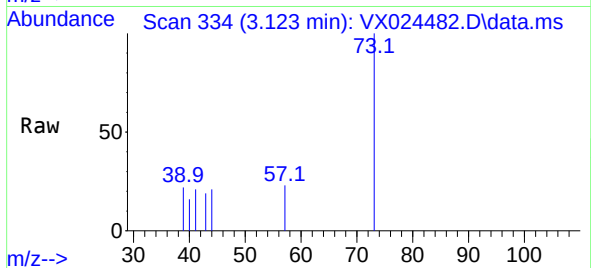


#19

Methyl tert-butyl Ether
Concen: 0.471 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX024482.D
Acq: 24 Sep 2021 05:02

Instrument :
MSVOA_X
ClientSampleId :
MW203D1-20210918

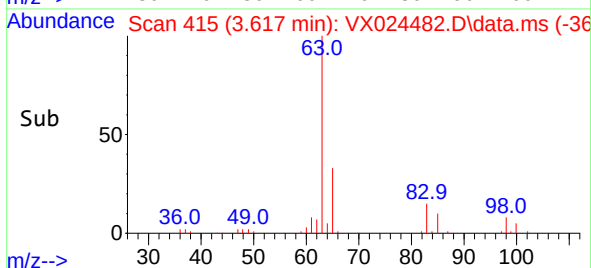
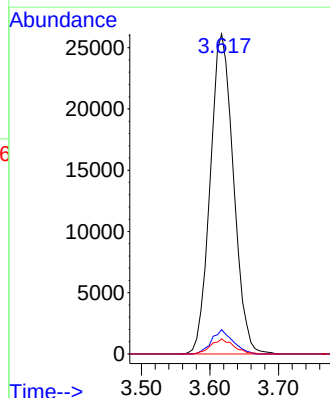
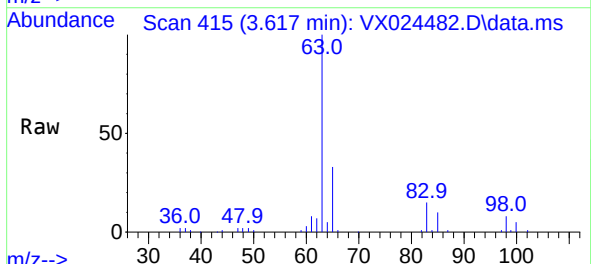
Tgt Ion: 73 Resp: 2362
Ion Ratio Lower Upper
73 100
57 23.4 17.1 25.7

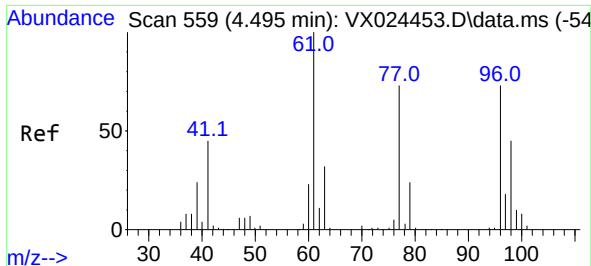


#24

1,1-Dichloroethane
Concen: 22.296 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.000 min
Lab File: VX024482.D
Acq: 24 Sep 2021 05:02

Tgt Ion: 63 Resp: 61546
Ion Ratio Lower Upper
63 100
98 7.6 3.8 11.2
100 4.7 2.5 7.5





#27

cis-1,2-Dichloroethene

Concen: 1.019 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.006 min

Lab File: VX024482.D

Acq: 24 Sep 2021 05:02

Tgt Ion: 96 Resp: 1800

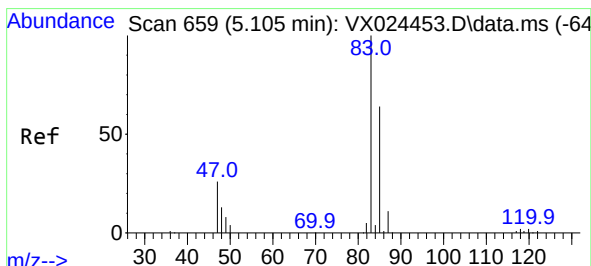
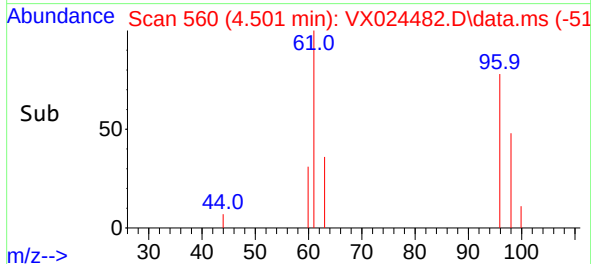
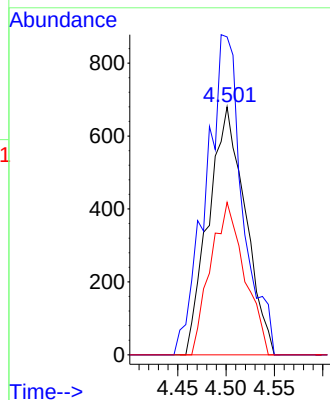
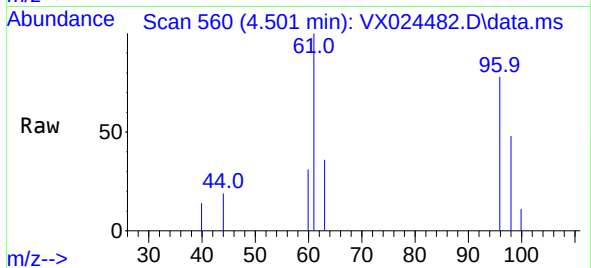
Ion	Ratio	Lower	Upper
96	100		
61	128.6	0.0	285.6
98	56.9	0.0	129.6

Instrument :

MSVOA_X

ClientSampleId :

MW203D1-20210918



#30

Chloroform

Concen: 1.137 ug/l

RT: 5.105 min Scan# 659

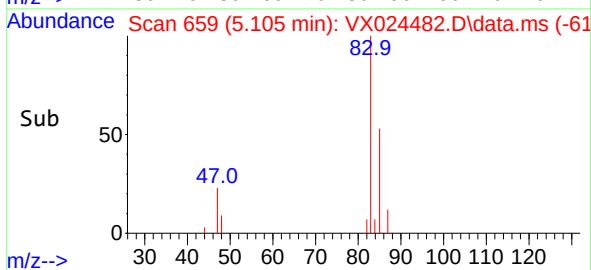
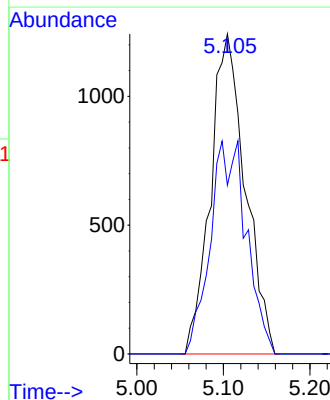
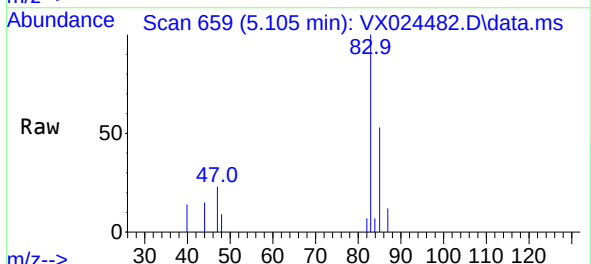
Delta R.T. -0.000 min

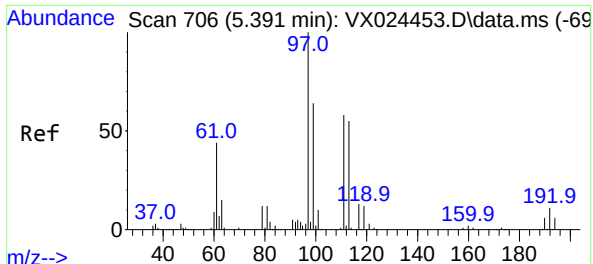
Lab File: VX024482.D

Acq: 24 Sep 2021 05:02

Tgt Ion: 83 Resp: 3465

Ion	Ratio	Lower	Upper
83	100		
85	52.7	52.0	78.0



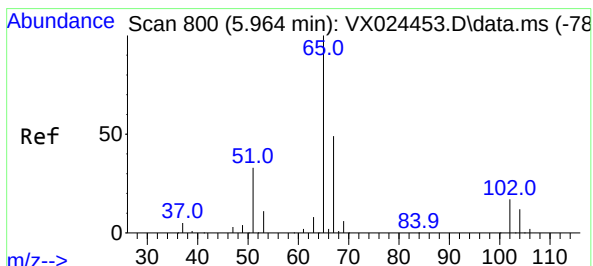
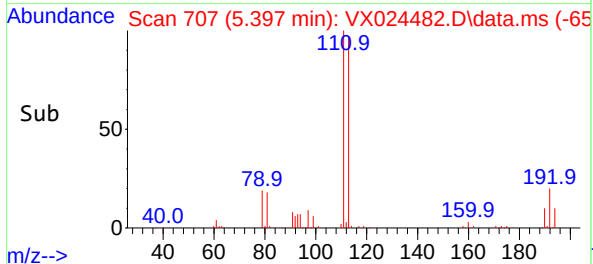
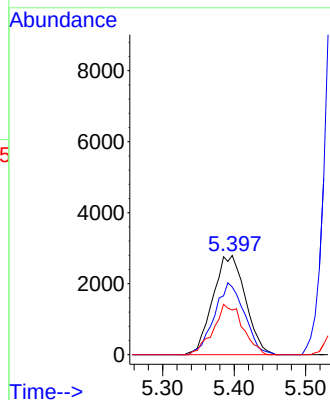
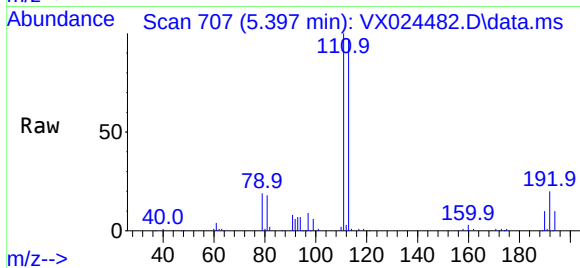


#32

1,1,1-Trichloroethane
Concen: 3.261 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX024482.D
Acq: 24 Sep 2021 05:02

Instrument :
MSVOA_X
ClientSampleId :
MW203D1-20210918

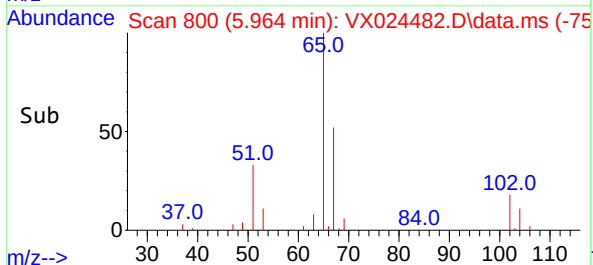
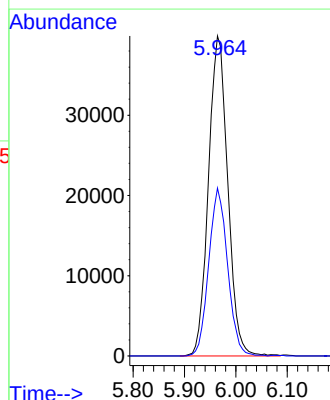
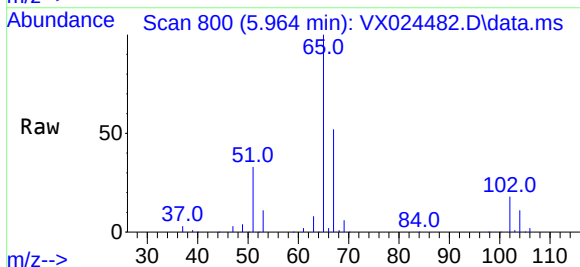
Tgt Ion: 97 Resp: 8827
Ion Ratio Lower Upper
97 100
99 66.9 51.5 77.3
61 45.8 34.2 51.4

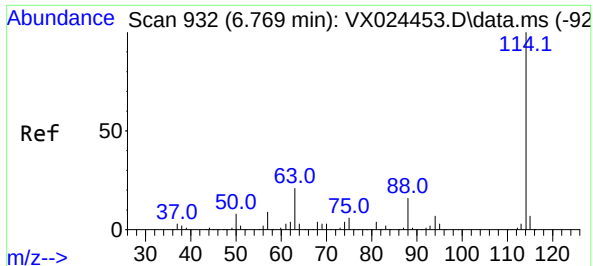


#33

1,2-Dichloroethane-d4
Concen: 50.810 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024482.D
Acq: 24 Sep 2021 05:02

Tgt Ion: 65 Resp: 103975
Ion Ratio Lower Upper
65 100
67 51.2 0.0 105.4

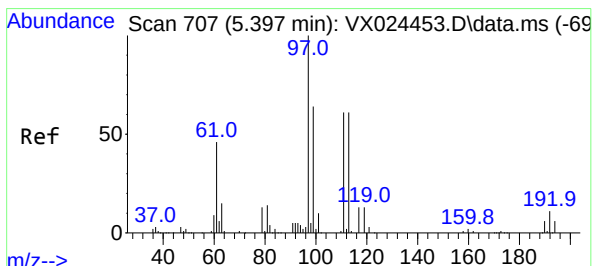
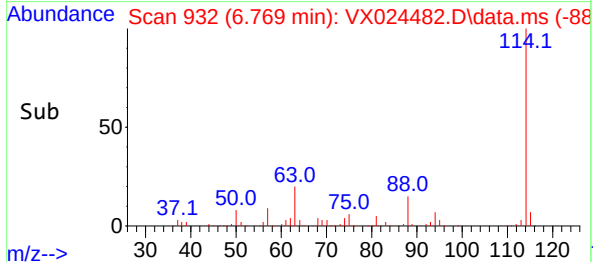
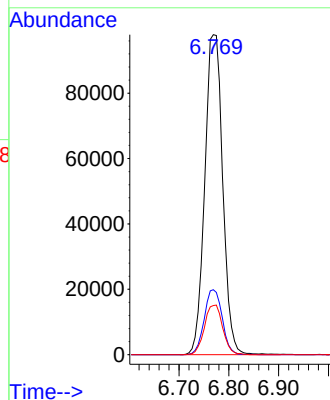
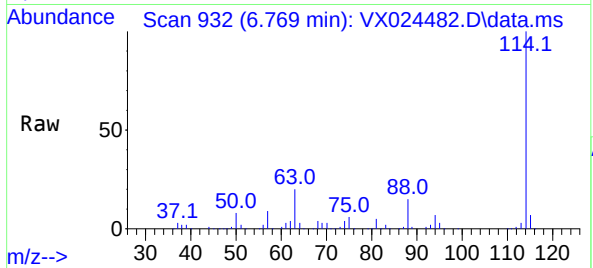




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024482.D
Acq: 24 Sep 2021 05:02

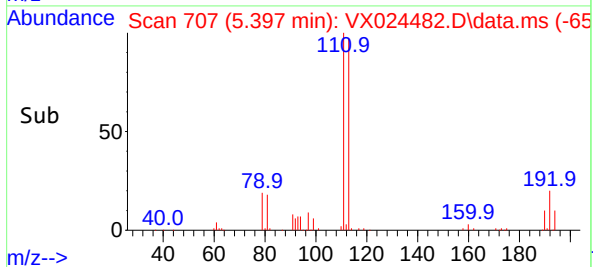
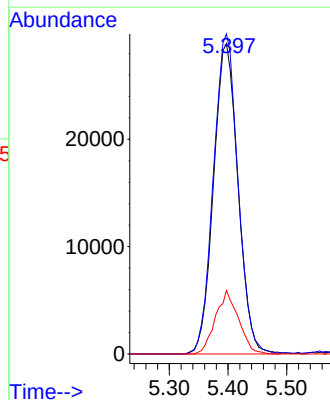
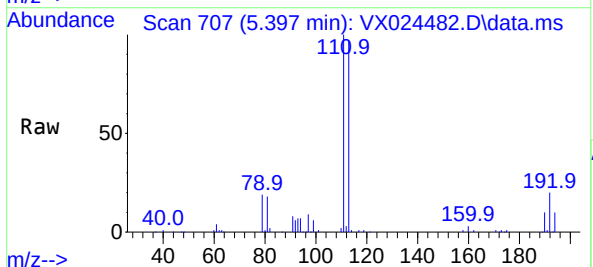
Instrument :
MSVOA_X
ClientSampleId :
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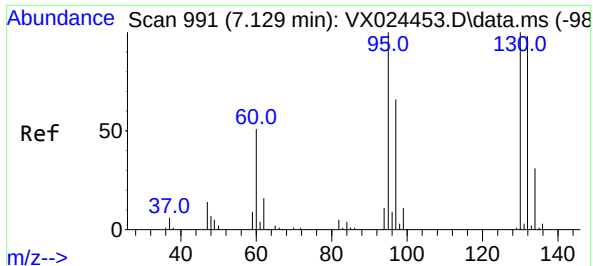
Tgt Ion:114 Resp: 244770
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 15.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.391 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024482.D
Acq: 24 Sep 2021 05:02

Tgt Ion:113 Resp: 83566
Ion Ratio Lower Upper
113 100
111 103.9 81.9 122.9
192 19.2 16.7 25.1

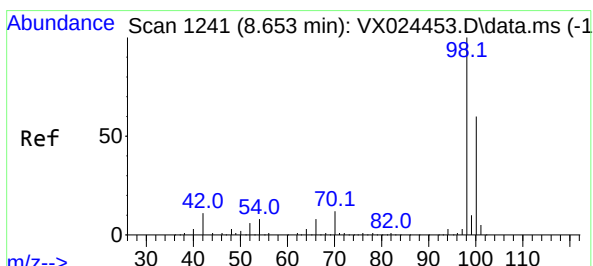
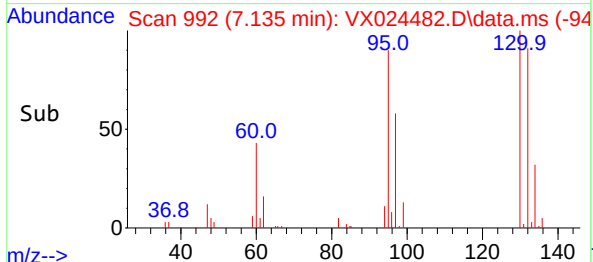
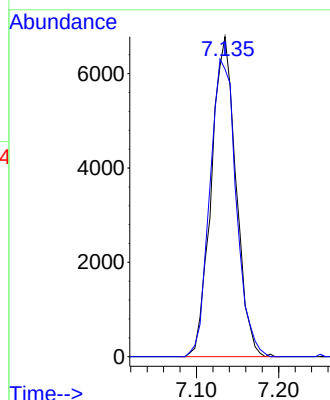
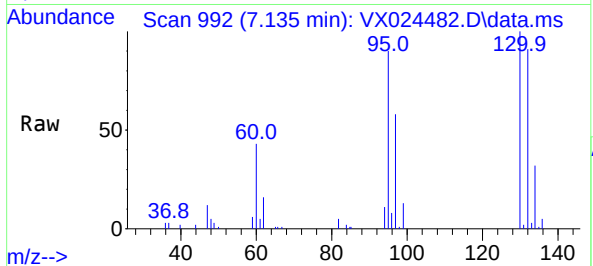




#44
Trichloroethene
Concen: 7.657 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX024482.D
Acq: 24 Sep 2021 05:02

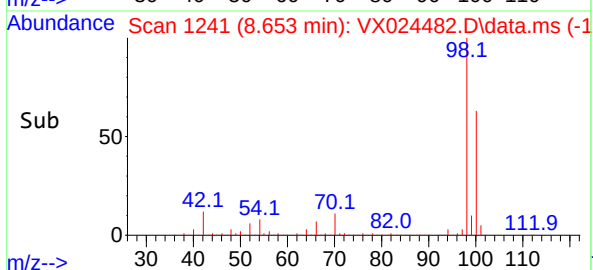
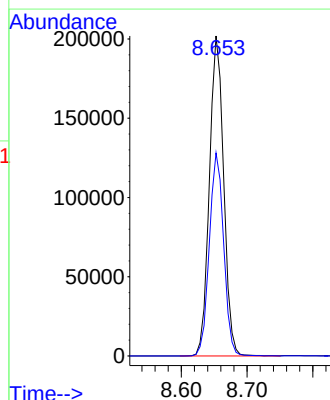
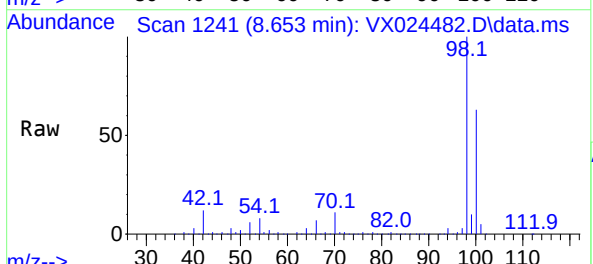
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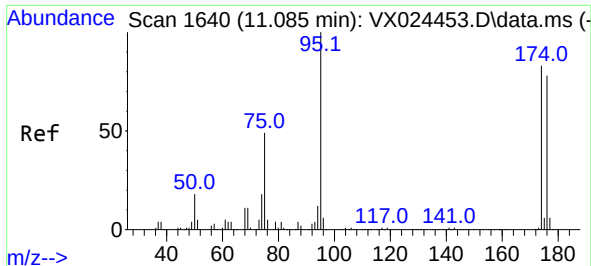
Tgt Ion:130 Resp: 14135
Ion Ratio Lower Upper
130 100
95 89.8 0.0 198.0



#50
Toluene-d8
Concen: 51.050 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024482.D
Acq: 24 Sep 2021 05:02

Tgt Ion: 98 Resp: 305526
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9

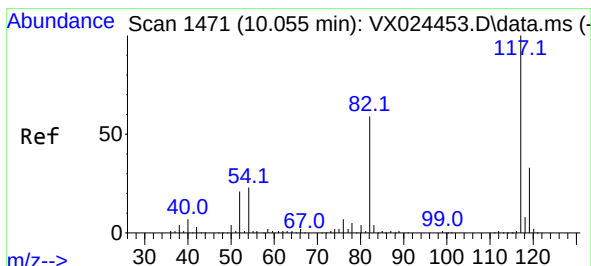
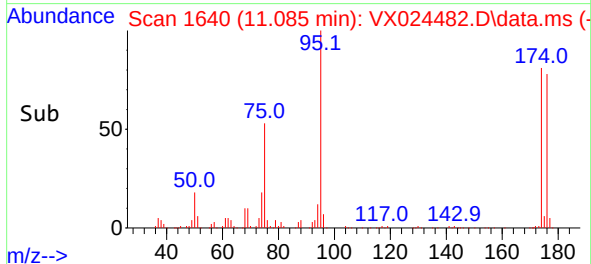
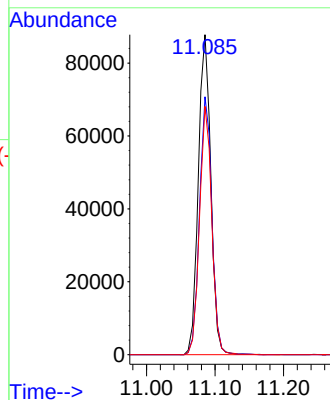
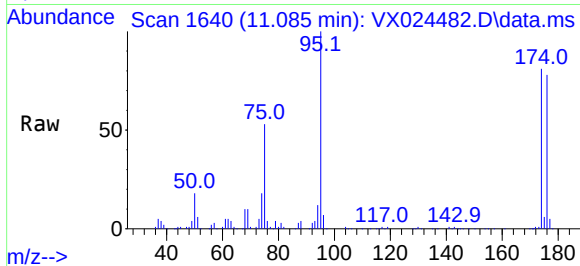




#62
4-Bromofluorobenzene
Concen: 47.428 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024482.D
Acq: 24 Sep 2021 05:02

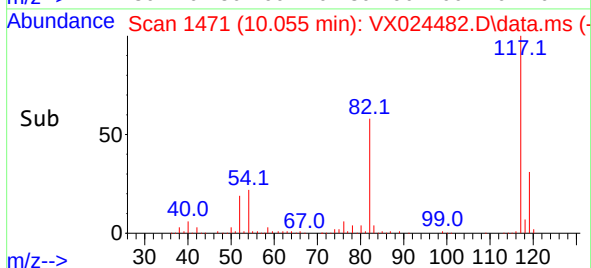
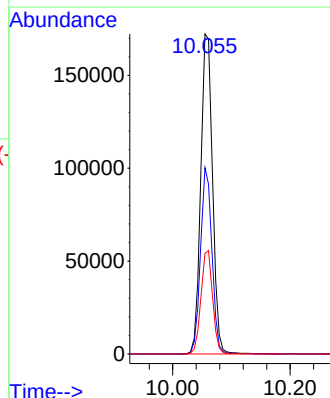
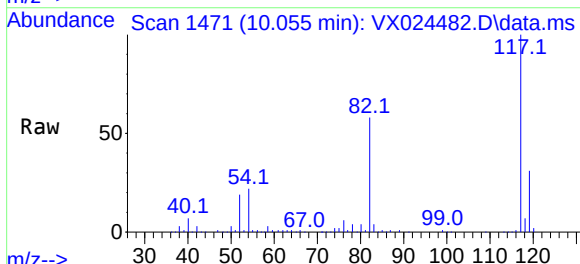
Instrument :
MSVOA_X
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MW203D1-20210918

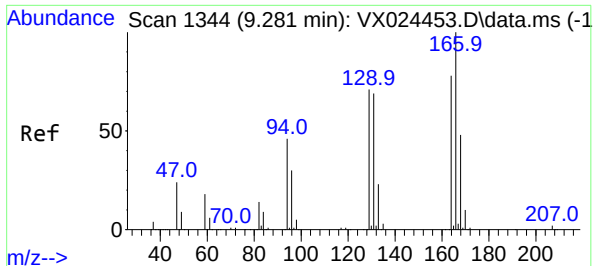
Tgt Ion: 95 Resp: 111604
Ion Ratio Lower Upper
95 100
174 79.9 0.0 154.6
176 76.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX024482.D
Acq: 24 Sep 2021 05:02

Tgt Ion: 117 Resp: 239775
Ion Ratio Lower Upper
117 100
82 58.2 47.4 71.2
119 31.4 26.6 39.8



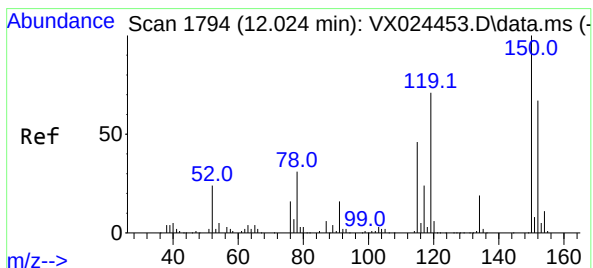
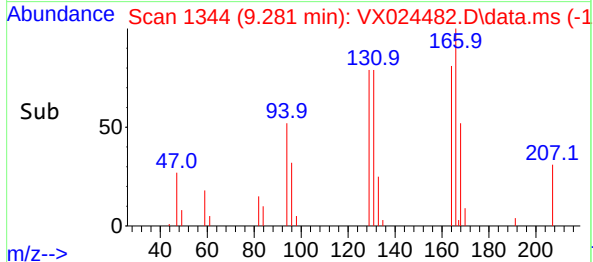
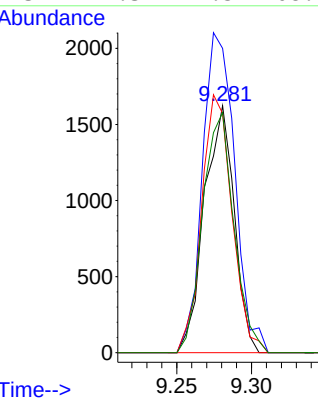
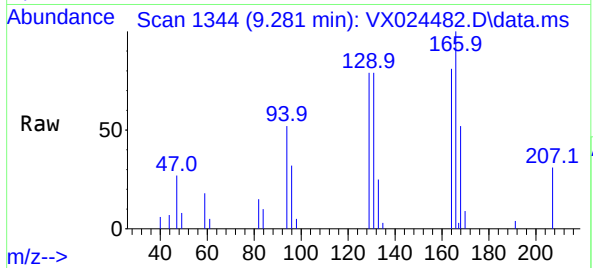


#64
Tetrachloroethene
Concen: 1.355 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VX024482.D
Acq: 24 Sep 2021 05:02

Instrument :
MSVOA_X
ClientSampleId :
MW203D1-20210918

Tgt Ion:164 Resp: 2249

Ion	Ratio	Lower	Upper
164	100		
166	123.3	103.4	155.2
129	96.9	70.8	106.2
131	97.3	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: VX024482.D
Acq: 24 Sep 2021 05:02

Tgt Ion:152 Resp: 92028

Ion	Ratio	Lower	Upper
152	100		
115	60.6	41.1	123.3
150	157.2	0.0	349.0

