

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092321\
 Data File : VX024483.D
 Acq On : 24 Sep 2021 05:25
 Operator : JC/MD
 Sample : M3829-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW203D2-20210918

Quant Time: Sep 24 07:44:38 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)

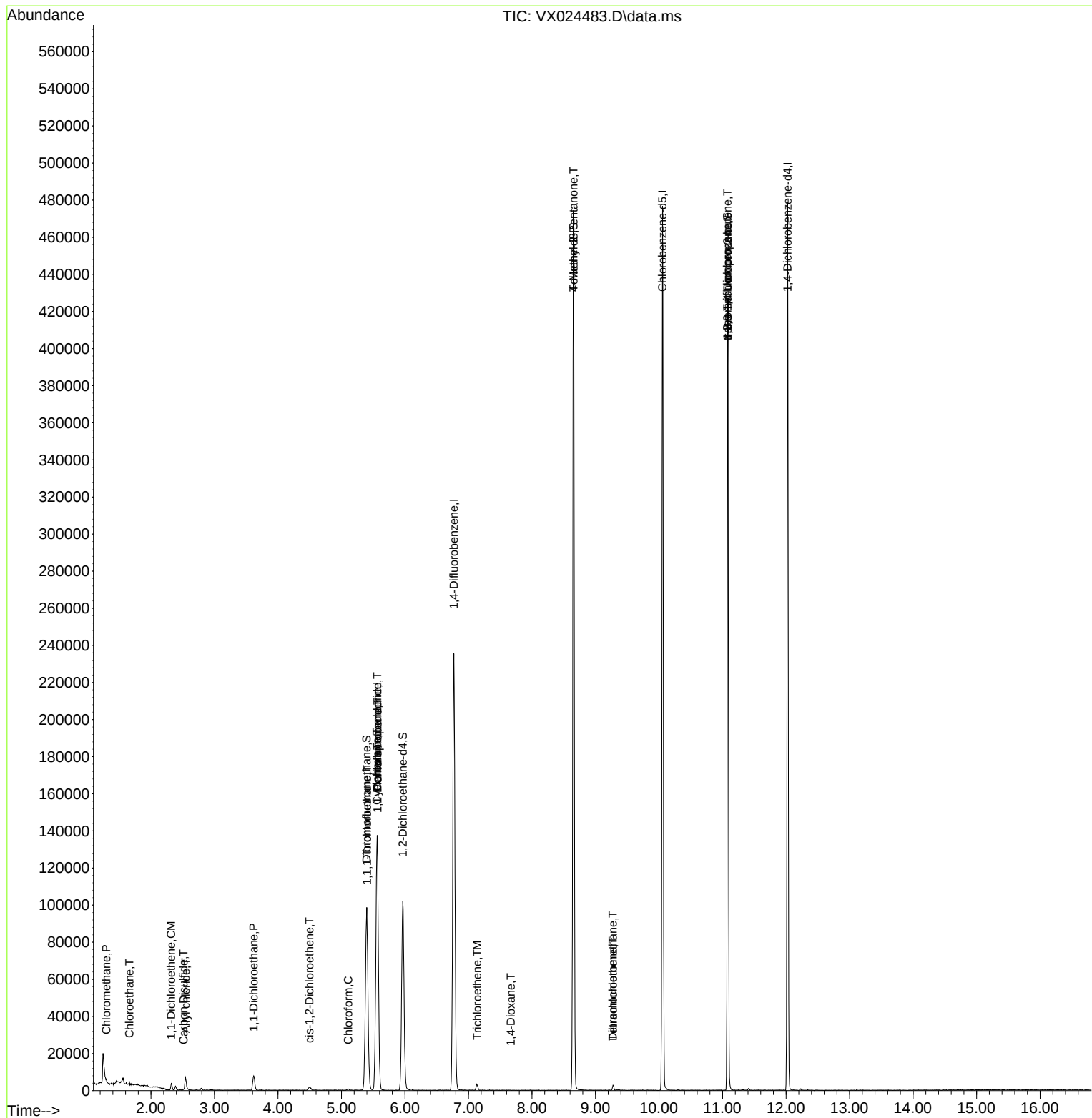
Internal Standards						
1) Pentafluorobenzene	5.562	168	124192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	234361	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94363	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	101561	58.024	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 116.040%			
35) Dibromofluoromethane	5.397	113	82725	53.134	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.260%			
50) Toluene-d8	8.653	98	272003	47.468	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.940%			
62) 4-Bromofluorobenzene	11.079	95	104249	46.270	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.540%			
Target Compounds						Qvalue
3) Chloromethane	1.294	50	412	0.350	ug/l #	77
6) Chloroethane	1.660	64	325	0.652	ug/l #	70
11) Tert butyl alcohol	2.971	59	89	Below Cal	#	73
12) 1,1-Dichloroethene	2.319	96	1061	0.932	ug/l #	70
14) Allyl chloride	2.544	41	777	0.373	ug/l #	59
16) Acetone	2.386	43	2012	Below Cal	#	87
17) Carbon Disulfide	2.514	76	458	0.383	ug/l #	75
20) Methylene Chloride	2.794	84	484	Below Cal		93
24) 1,1-Dichloroethane	3.617	63	8867	3.756	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	1125	0.745	ug/l	96
30) Chloroform	5.105	83	915	0.351	ug/l	91
31) Cyclohexane	5.556	56	3016	1.439	ug/l #	41
32) 1,1,1-Trichloroethane	5.403	97	705	0.305	ug/l #	39
36) 1,1-Dichloropropene	5.568	75	10103	4.497	ug/l #	48
38) Carbon Tetrachloride	5.562	117	13194	5.395	ug/l #	17
44) Trichloroethene	7.135	130	1281	0.725	ug/l	73
49) 1,4-Dioxane	7.665	88	48	0.992	ug/l #	24
51) 4-Methyl-2-Pentanone	8.653	43	1309	0.465	ug/l #	1
60) Dibromochloromethane	9.275	129	392	1.384	ug/l #	11
64) Tetrachloroethene	9.275	164	494	0.342	ug/l #	80
76) 1,2,3-Trichloropropane	11.079	75	56188	26.220	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	56188	71.407	ug/l #	12

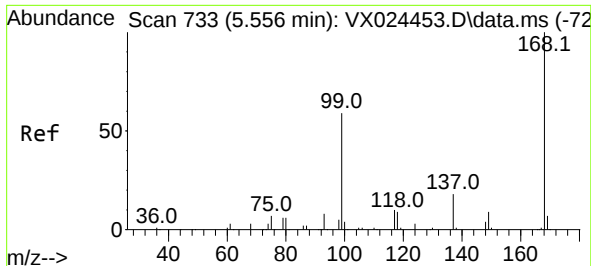
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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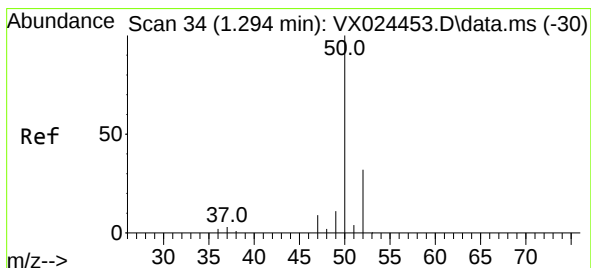
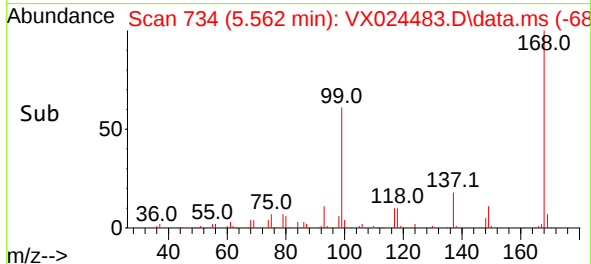
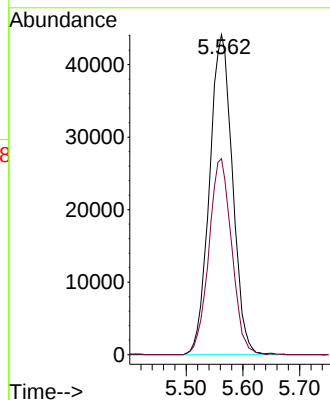
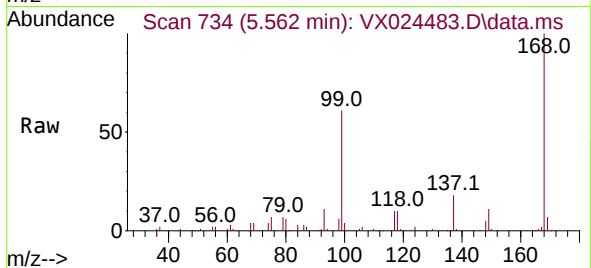




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024483.D
Acq: 24 Sep 2021 05:25

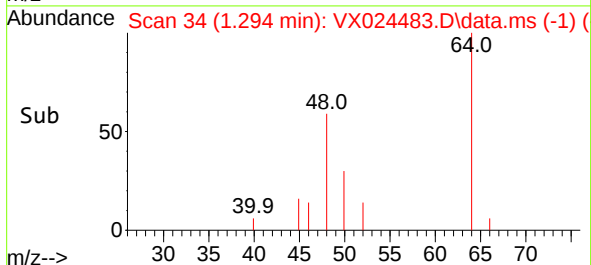
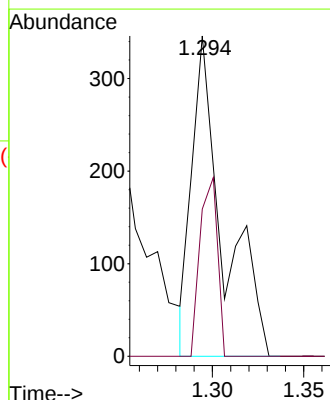
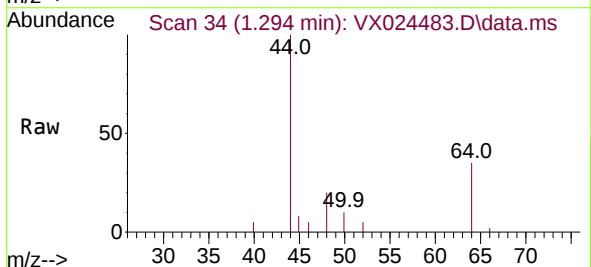
Instrument :
MSVOA_X
ClientSampleId :
MW203D2-20210918

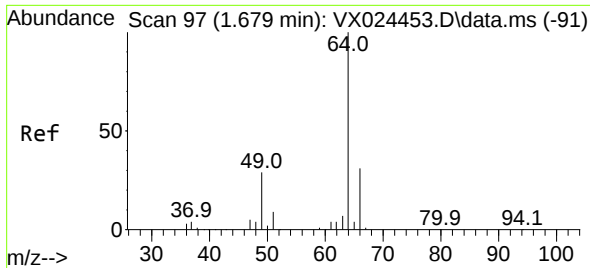
Tgt Ion:168 Resp: 124192
Ion Ratio Lower Upper
168 100
99 61.2 45.8 68.6



#3
Chloromethane
Concen: 0.350 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024483.D
Acq: 24 Sep 2021 05:25

Tgt Ion: 50 Resp: 412
Ion Ratio Lower Upper
50 100
52 46.0 26.4 39.6#

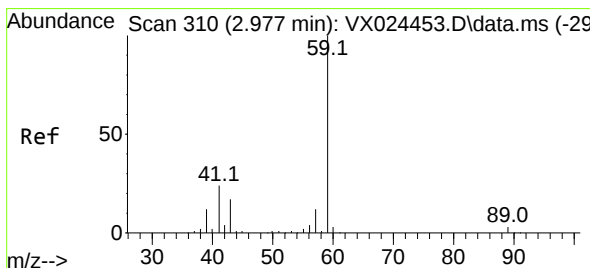
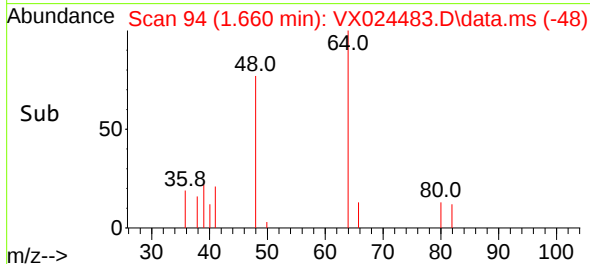
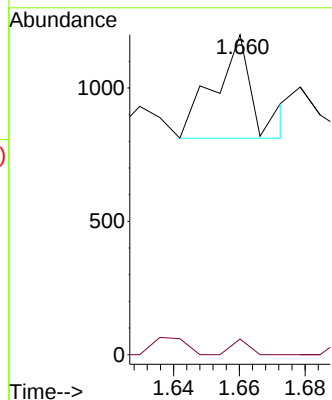
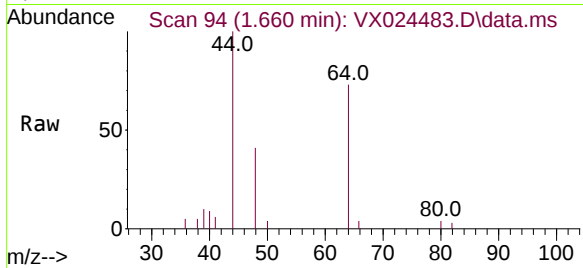




#6
Chloroethane
Concen: 0.652 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.019 min
Lab File: VX024483.D
Acq: 24 Sep 2021 05:25

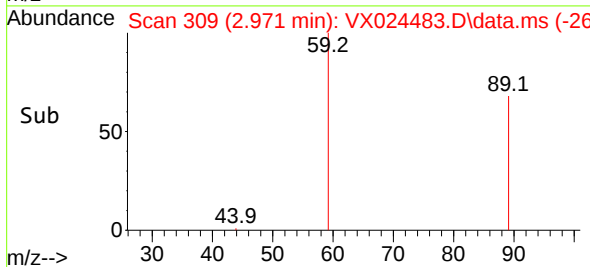
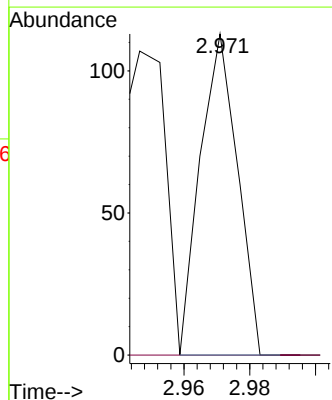
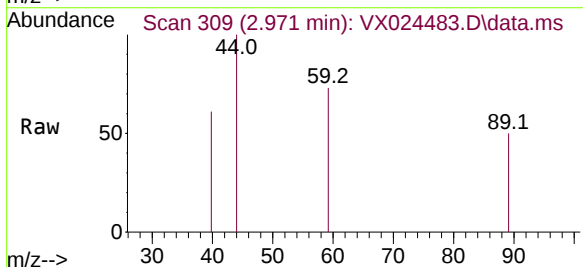
Instrument :
MSVOA_X
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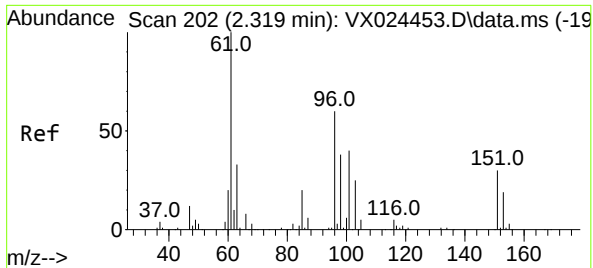
Tgt Ion: 64 Resp: 325
Ion Ratio Lower Upper
64 100
66 15.2 25.4 38.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX024483.D
Acq: 24 Sep 2021 05:25

Tgt Ion: 59 Resp: 89
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#12

1,1-Dichloroethene

Concen: 0.932 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX024483.D

Acq: 24 Sep 2021 05:25

Tgt Ion: 96 Resp: 1061

Ion Ratio Lower Upper

96 100

61 205.0 124.6 187.0#

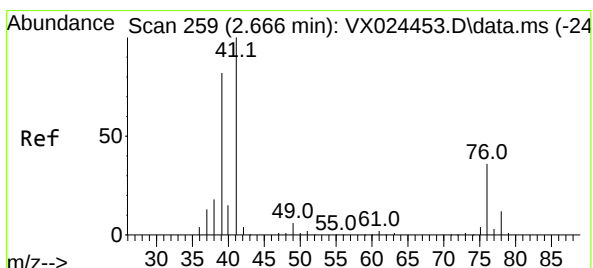
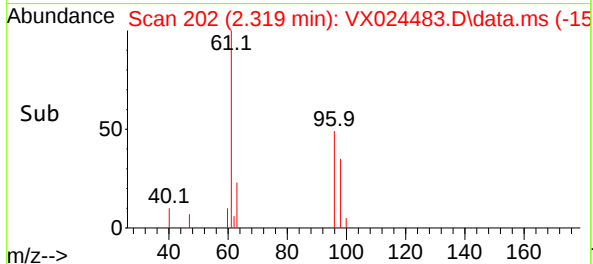
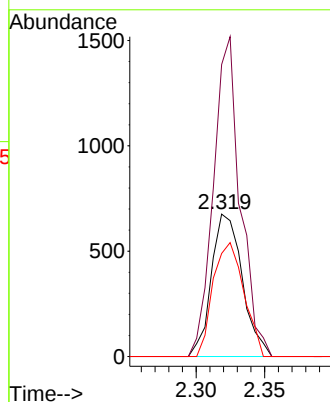
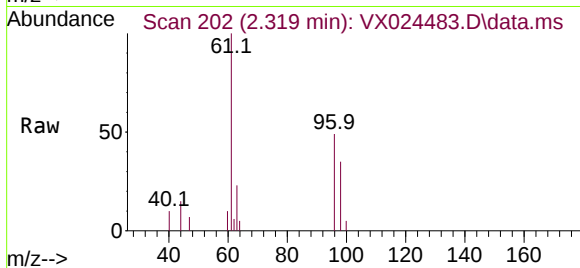
98 72.3 50.6 76.0

Instrument :

MSVOA_X

ClientSampleId :

MW203D2-20210918



#14

Allyl chloride

Concen: 0.373 ug/l

RT: 2.544 min Scan# 239

Delta R.T. -0.122 min

Lab File: VX024483.D

Acq: 24 Sep 2021 05:25

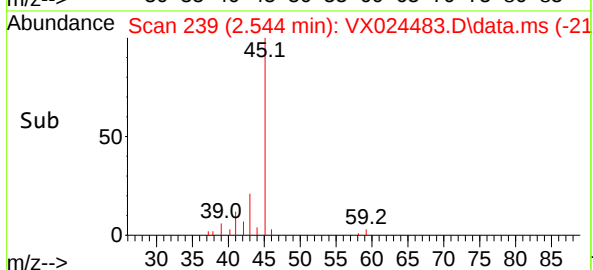
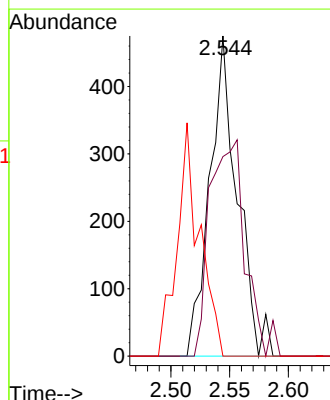
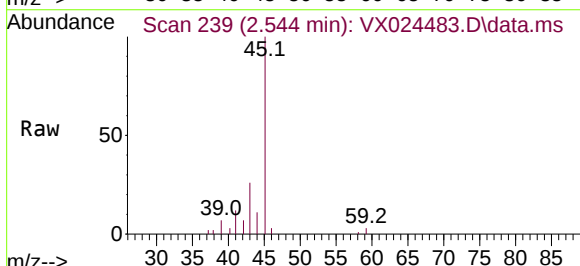
Tgt Ion: 41 Resp: 777

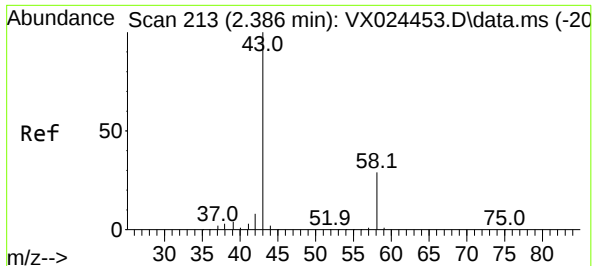
Ion Ratio Lower Upper

41 100

39 86.9 51.6 77.4#

76 0.0 30.5 45.7#

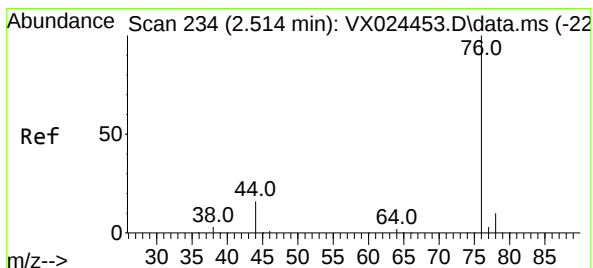
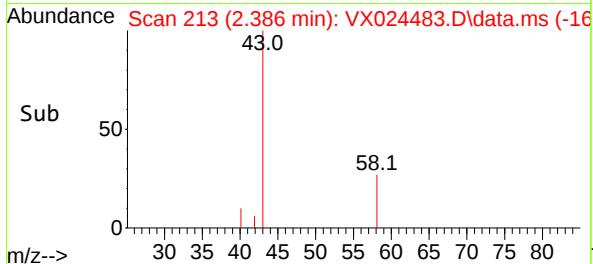
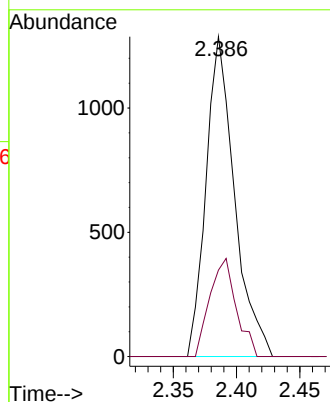
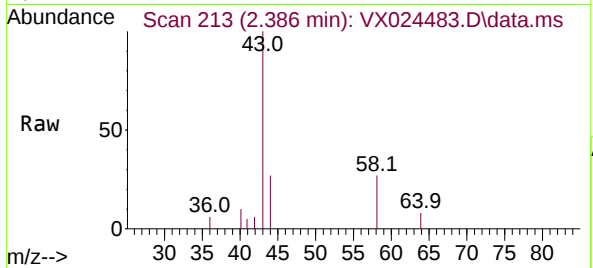




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024483.D
Acq: 24 Sep 2021 05:25

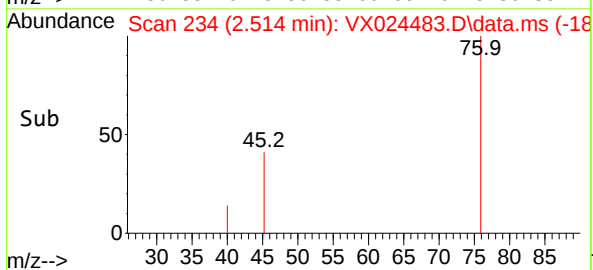
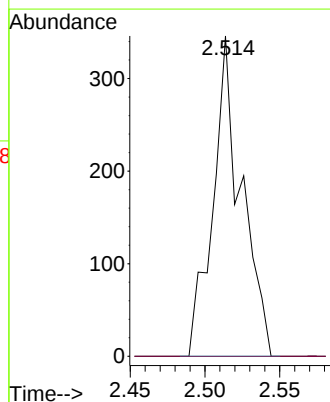
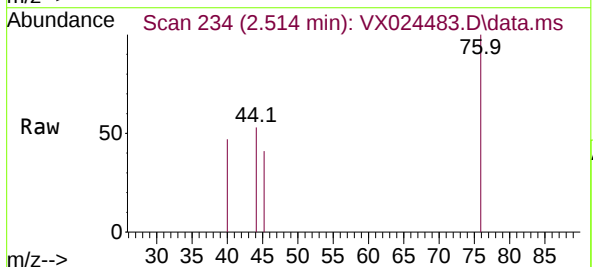
Instrument :
MSVOA_X
ClientSampleId :
MW203D2-20210918

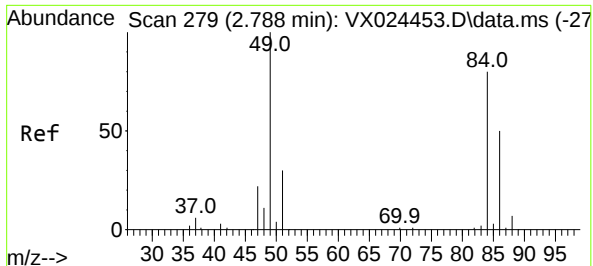
Tgt Ion: 43 Resp: 2012
Ion Ratio Lower Upper
43 100
58 27.0 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.383 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024483.D
Acq: 24 Sep 2021 05:25

Tgt Ion: 76 Resp: 458
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

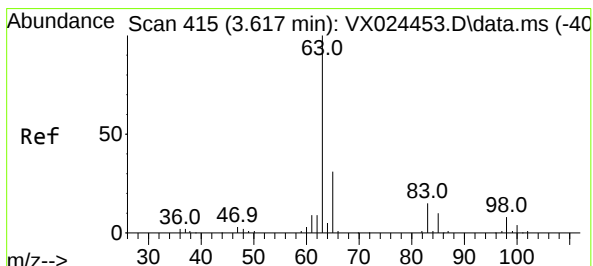
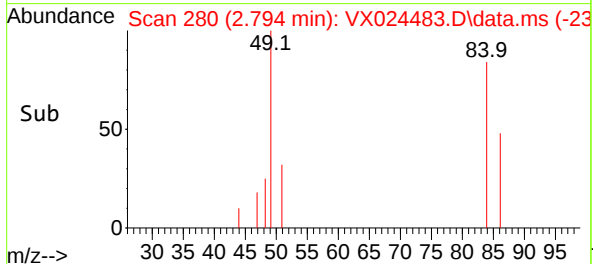
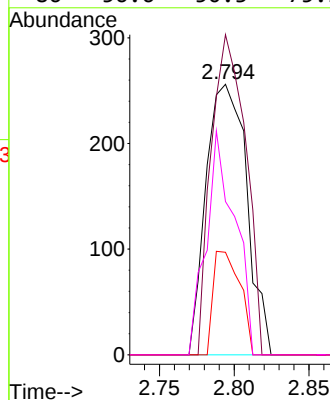
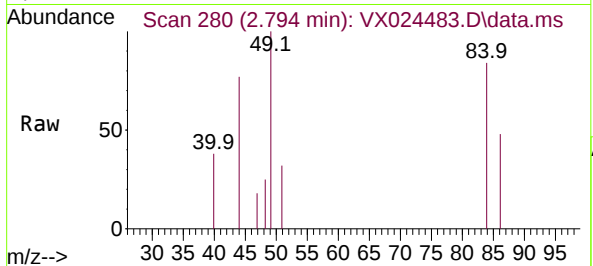




#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX024483.D
Acq: 24 Sep 2021 05:25

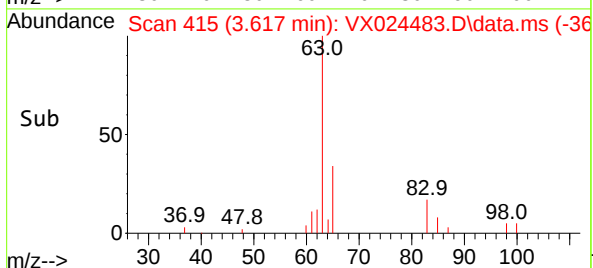
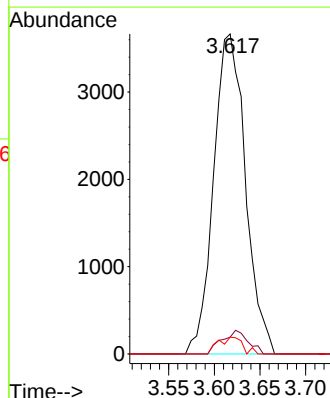
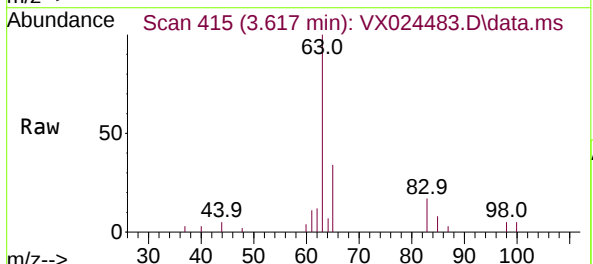
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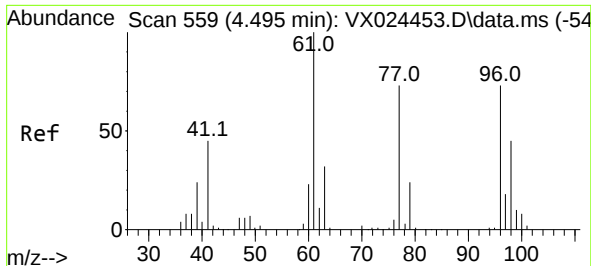
Tgt Ion:	84	Resp:	484
Ion	Ratio	Lower	Upper
84	100		
49	118.4	88.6	132.8
51	37.9	27.0	40.6
86	56.6	50.3	75.5



#24
1,1-Dichloroethane
Concen: 3.756 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.000 min
Lab File: VX024483.D
Acq: 24 Sep 2021 05:25

Tgt Ion:	63	Resp:	8867
Ion	Ratio	Lower	Upper
63	100		
98	5.3	3.8	11.2
100	5.2	2.5	7.5

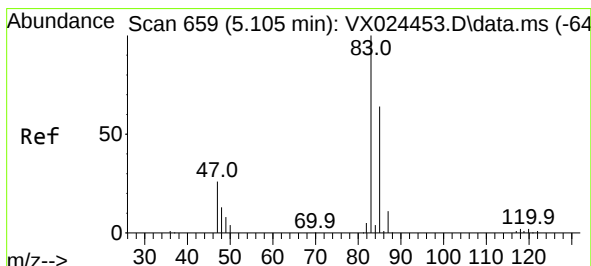
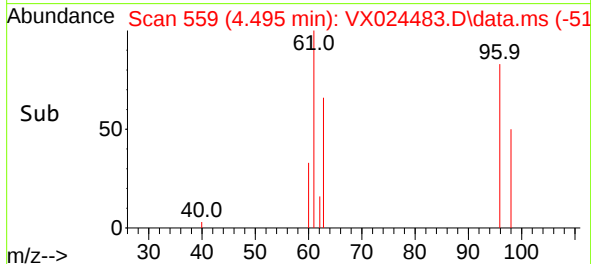
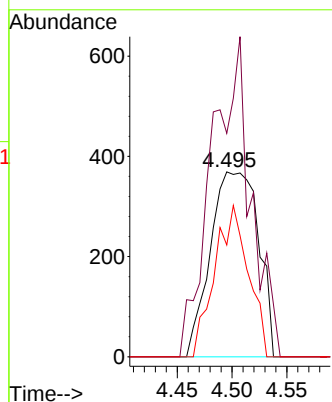
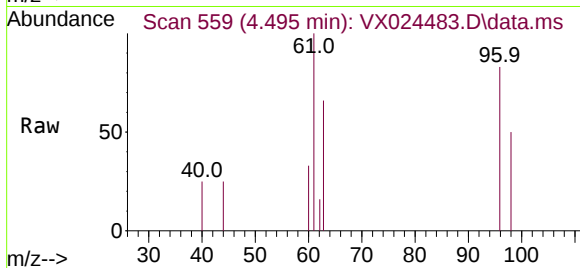




#27
 cis-1,2-Dichloroethene
 Concen: 0.745 ug/l
 RT: 4.495 min Scan# 559
 Delta R.T. 0.000 min
 Lab File: VX024483.D
 Acq: 24 Sep 2021 05:25

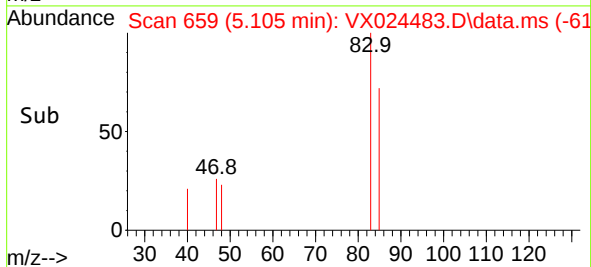
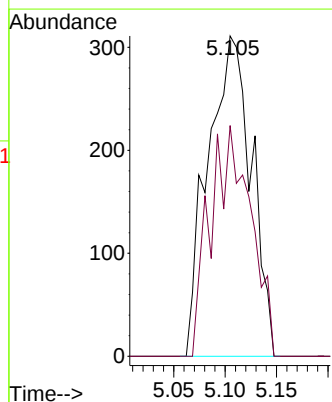
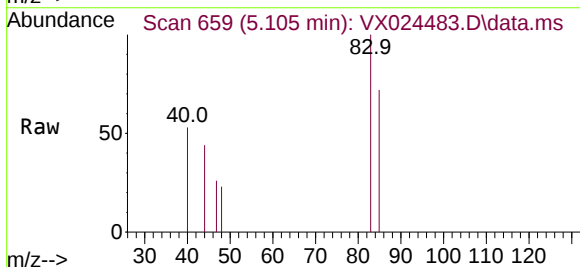
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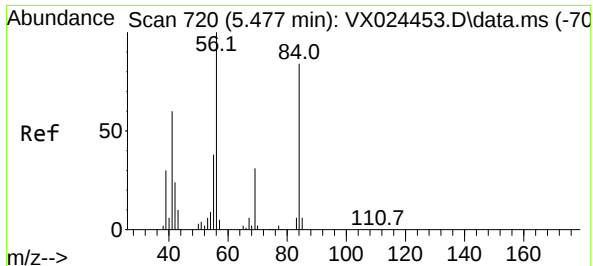
Tgt Ion:	96	Resp:	1125
Ion	Ratio	Lower	Upper
96	100		
61	141.5	0.0	285.6
98	57.2	0.0	129.6



#30
 Chloroform
 Concen: 0.351 ug/l
 RT: 5.105 min Scan# 659
 Delta R.T. -0.000 min
 Lab File: VX024483.D
 Acq: 24 Sep 2021 05:25

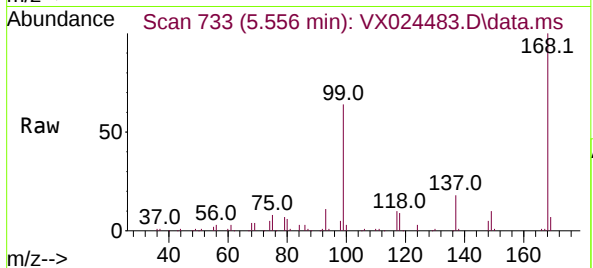
Tgt Ion:	83	Resp:	915
Ion	Ratio	Lower	Upper
83	100		
85	72.0	52.0	78.0



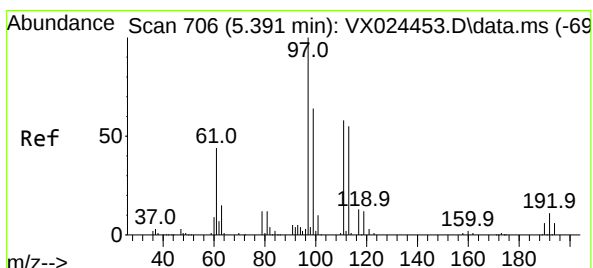
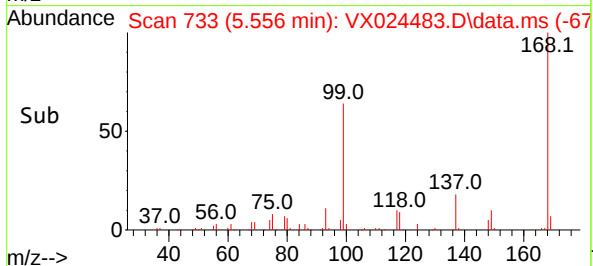
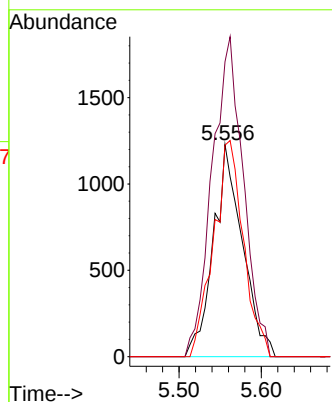


#31
Cyclohexane
Concen: 1.439 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024483.D
Acq: 24 Sep 2021 05:25

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ClientSampleId :
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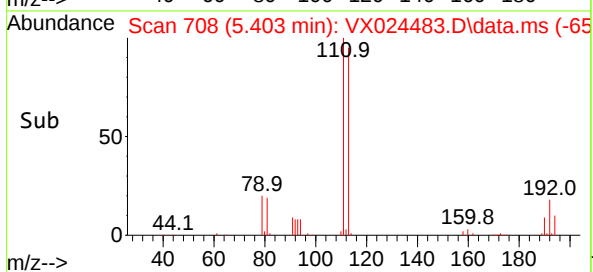
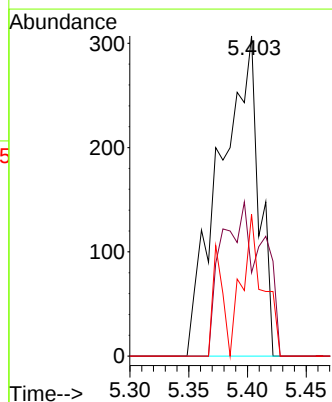
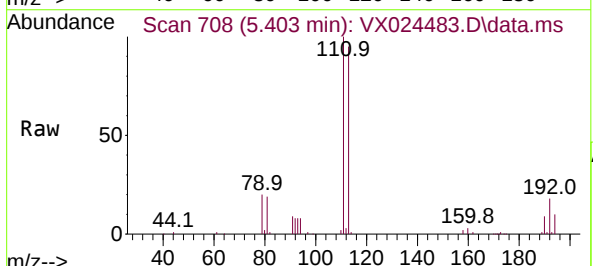


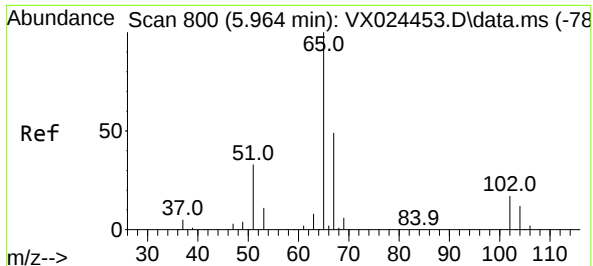
Tgt Ion: 56 Resp: 3016
Ion Ratio Lower Upper
56 100
69 139.1 25.3 37.9#
84 99.8 71.4 107.0



#32
1,1,1-Trichloroethane
Concen: 0.305 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.012 min
Lab File: VX024483.D
Acq: 24 Sep 2021 05:25

Tgt Ion: 97 Resp: 705
Ion Ratio Lower Upper
97 100
99 0.0 51.5 77.3#
61 24.0 34.2 51.4#



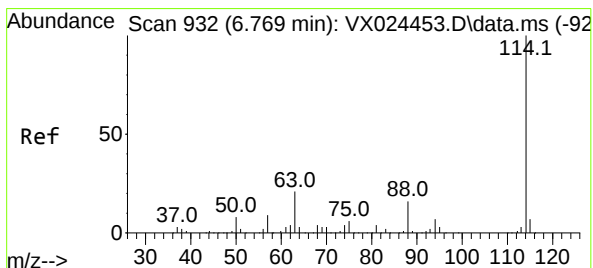
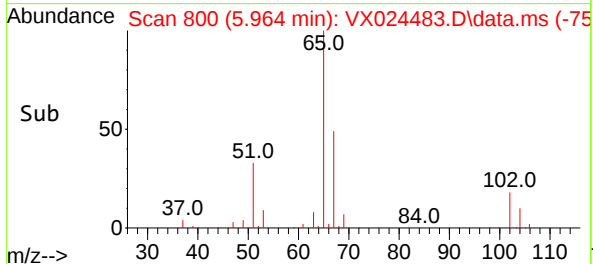
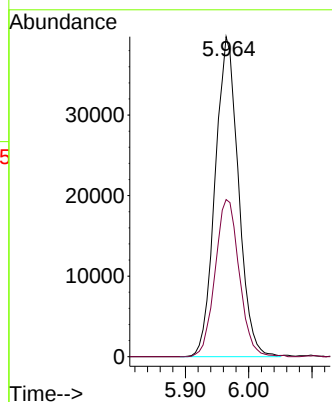
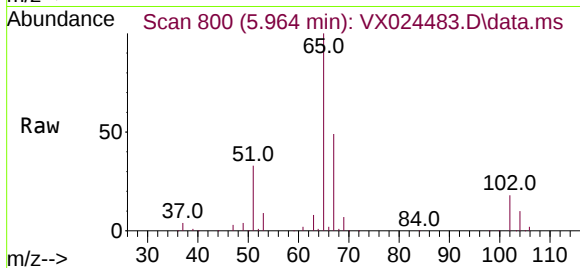


#33

1,2-Dichloroethane-d4
Concen: 58.024 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024483.D
Acq: 24 Sep 2021 05:25

Instrument :
MSVOA_X
ClientSampleId :
MW203D2-20210918

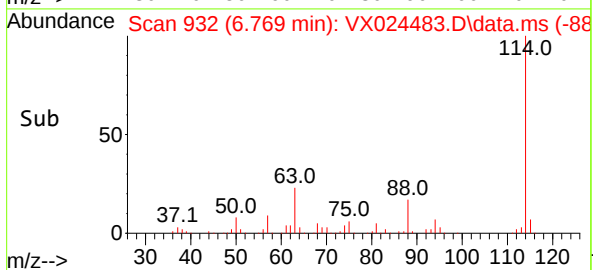
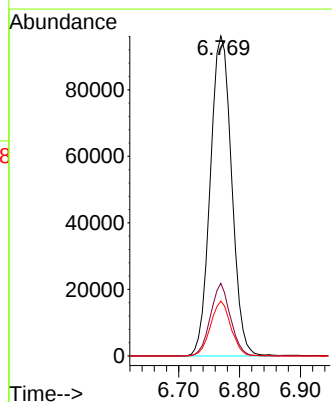
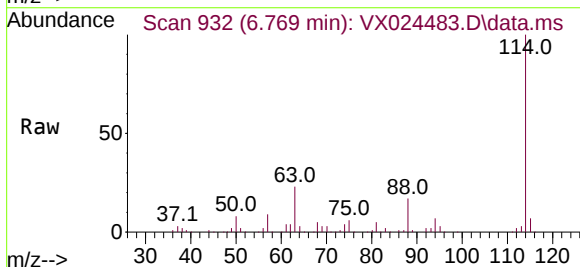
Tgt Ion: 65 Resp: 101561
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.4

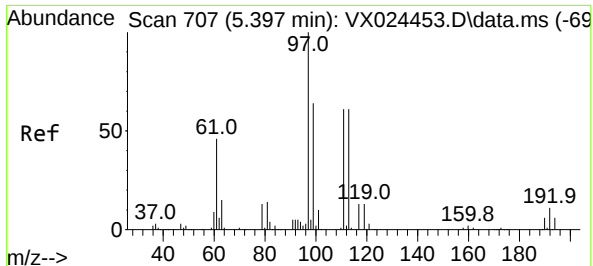


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024483.D
Acq: 24 Sep 2021 05:25

Tgt Ion: 114 Resp: 234361
Ion Ratio Lower Upper
114 100
63 22.7 0.0 40.8
88 17.2 0.0 32.8

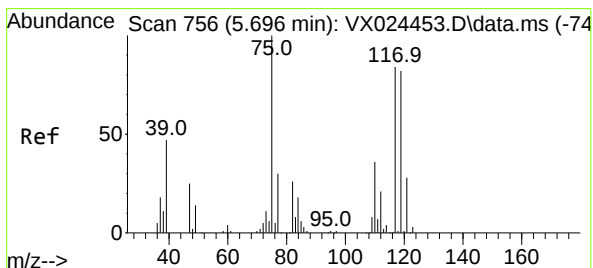
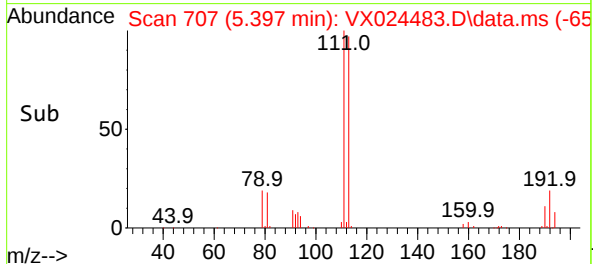
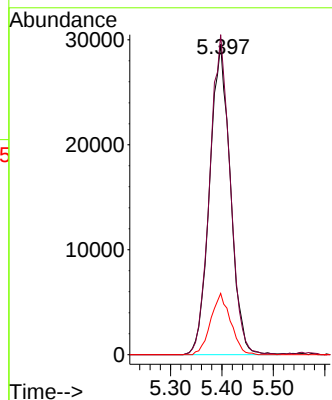
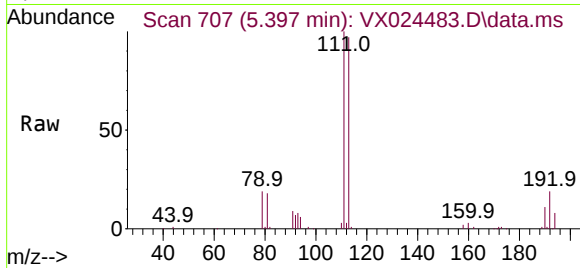




#35
Dibromofluoromethane
Concen: 53.134 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024483.D
Acq: 24 Sep 2021 05:25

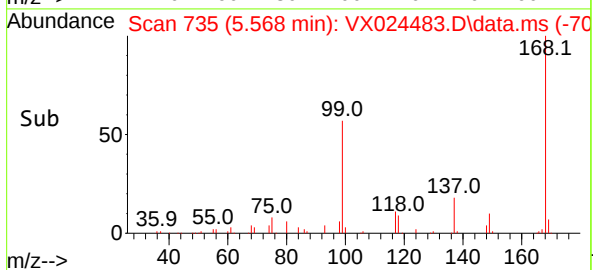
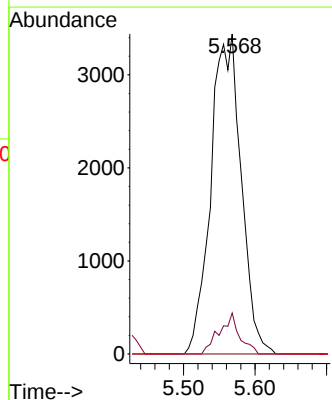
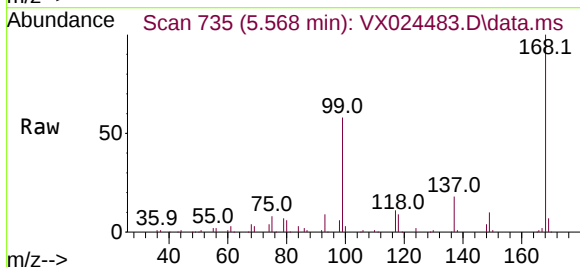
Instrument :
MSVOA_X
ClientSampleId :
MW203D2-20210918

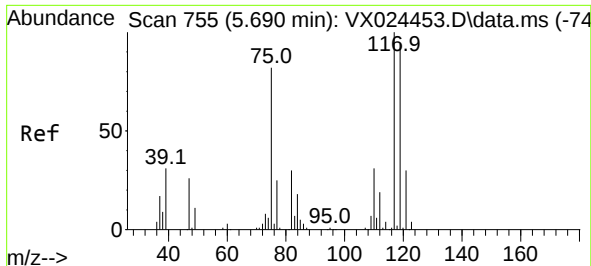
Tgt Ion:113 Resp: 82725
Ion Ratio Lower Upper
113 100
111 101.7 81.9 122.9
192 18.9 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.497 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.128 min
Lab File: VX024483.D
Acq: 24 Sep 2021 05:25

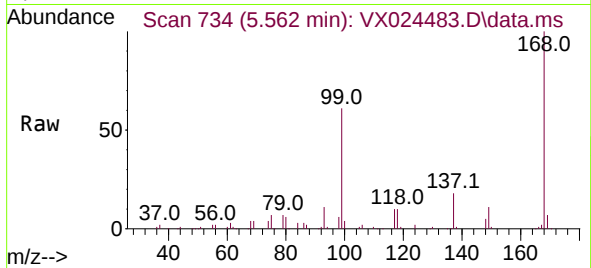
Tgt Ion: 75 Resp: 10103
Ion Ratio Lower Upper
75 100
110 8.5 18.1 54.4#
77 0.0 25.3 37.9#



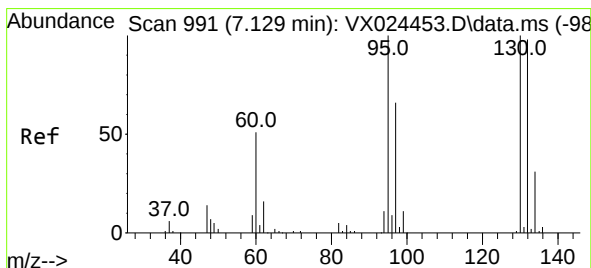
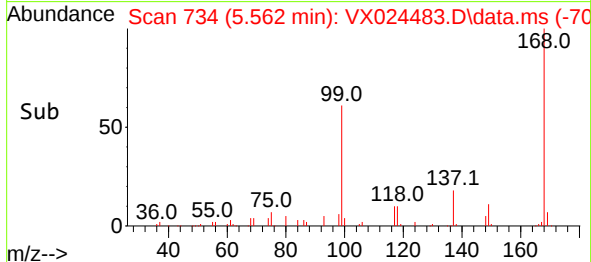
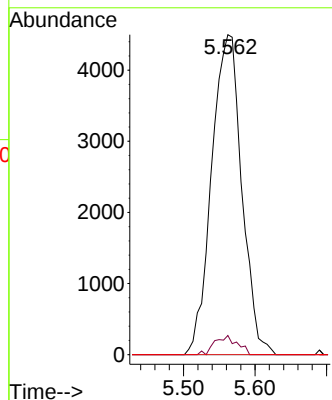


#38
Carbon Tetrachloride
Concen: 5.395 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024483.D
Acq: 24 Sep 2021 05:25

Instrument :
MSVOA_X
ClientSampleId :
MW203D2-20210918

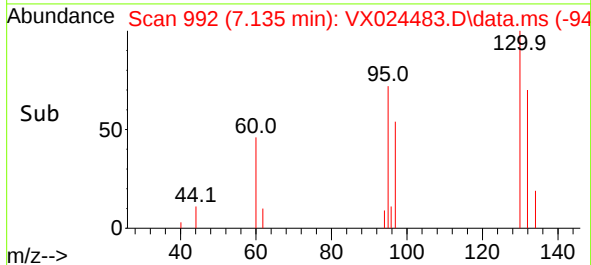
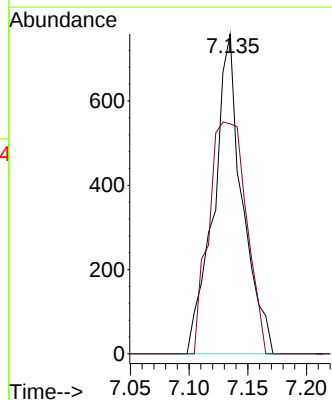
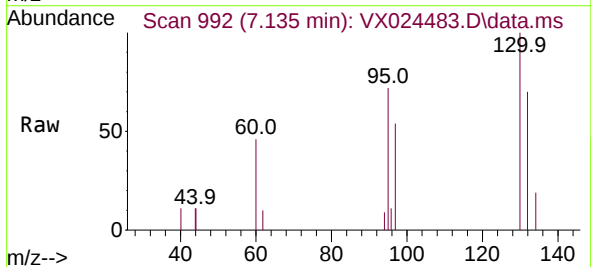


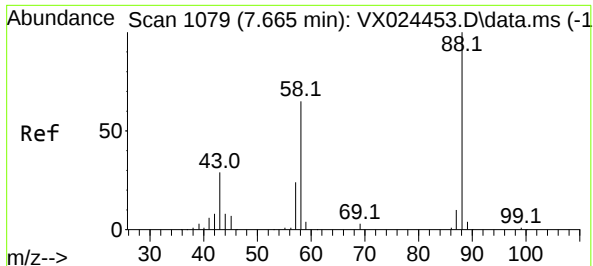
Tgt Ion:117 Resp: 13194
Ion Ratio Lower Upper
117 100
119 6.0 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 0.725 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX024483.D
Acq: 24 Sep 2021 05:25

Tgt Ion:130 Resp: 1281
Ion Ratio Lower Upper
130 100
95 71.9 0.0 198.0





#49

1,4-Dioxane

Concen: 0.992 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VX024483.D

Acq: 24 Sep 2021 05:25

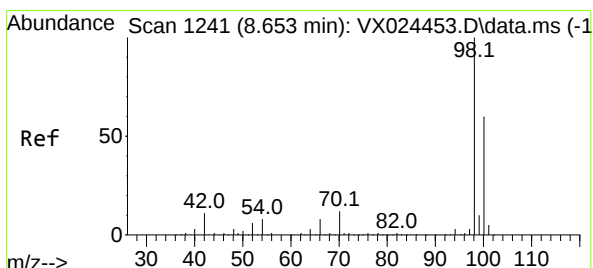
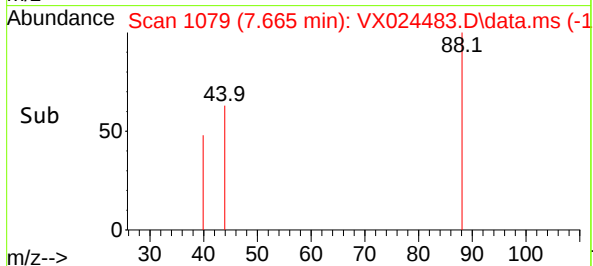
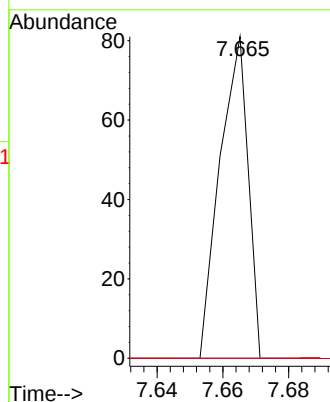
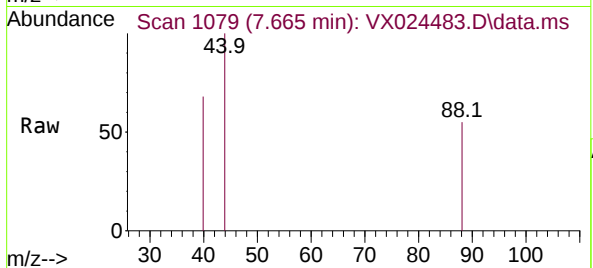
Tgt Ion:	88	Resp:	48
Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.2	34.8#
58	0.0	55.0	82.4#

Instrument :

MSVOA_X

ClientSampleId :

MW203D2-20210918



#50

Toluene-d8

Concen: 47.468 ug/l

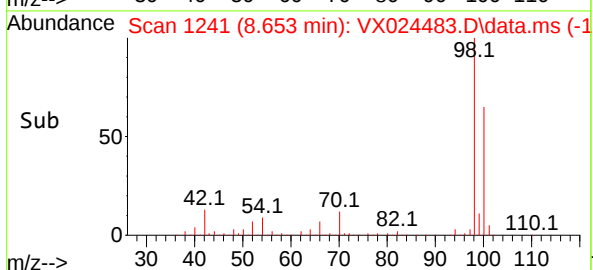
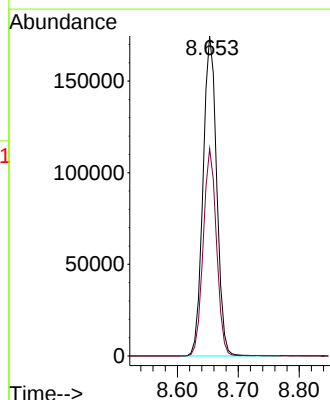
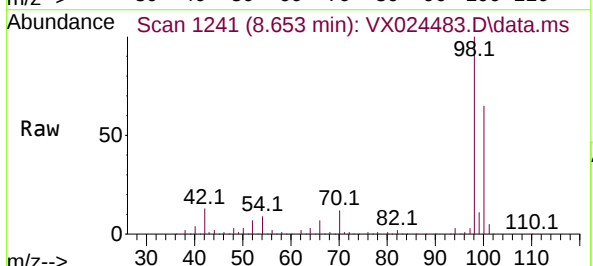
RT: 8.653 min Scan# 1241

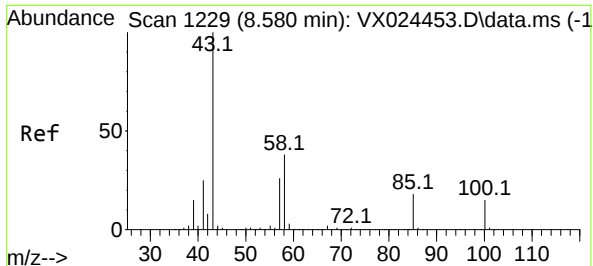
Delta R.T. -0.000 min

Lab File: VX024483.D

Acq: 24 Sep 2021 05:25

Tgt Ion:	98	Resp:	272003
Ion	Ratio	Lower	Upper
98	100		
100	62.9	51.9	77.9

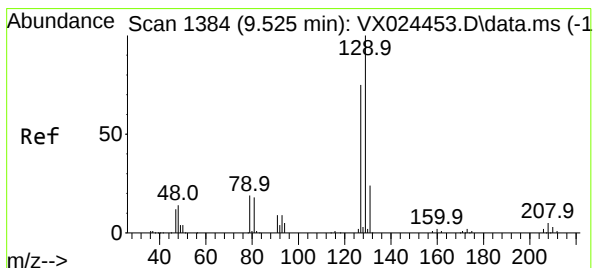
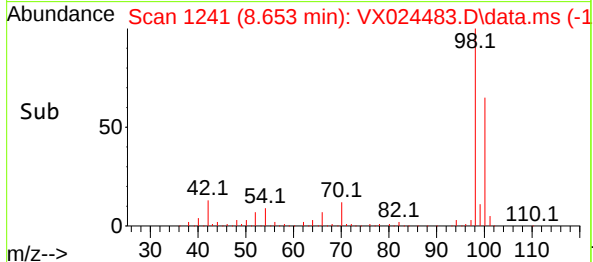
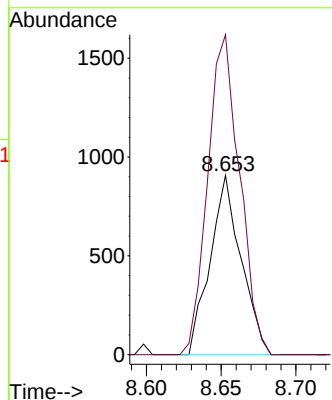
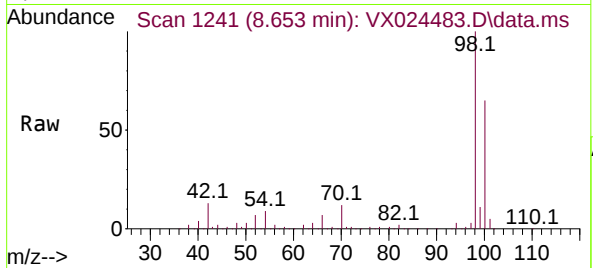




#51
4-Methyl-2-Pentanone
Concen: 0.465 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024483.D
Acq: 24 Sep 2021 05:25

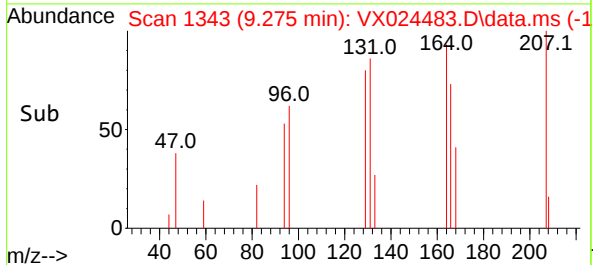
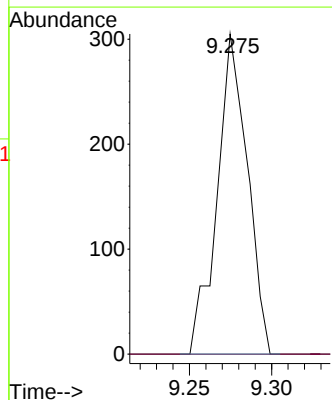
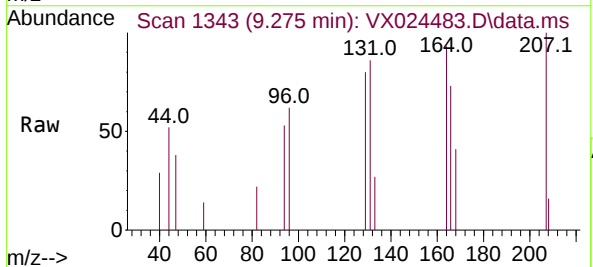
Instrument :
MSVOA_X
ClientSampleId :
MW203D2-20210918

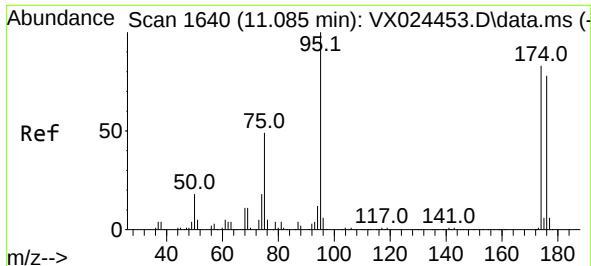
Tgt Ion: 43 Resp: 1309
Ion Ratio Lower Upper
43 100
58 183.5 35.4 53.0#



#60
Dibromochloromethane
Concen: 1.384 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX024483.D
Acq: 24 Sep 2021 05:25

Tgt Ion: 129 Resp: 392
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

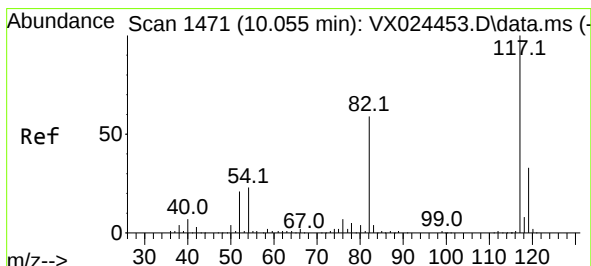
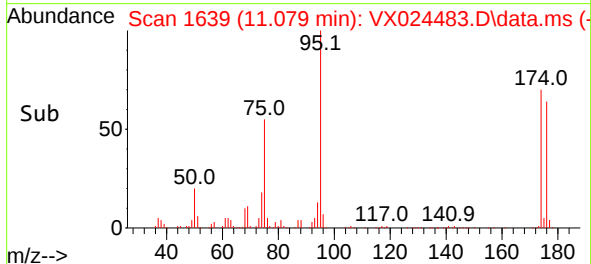
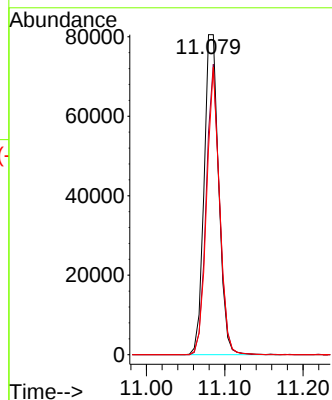
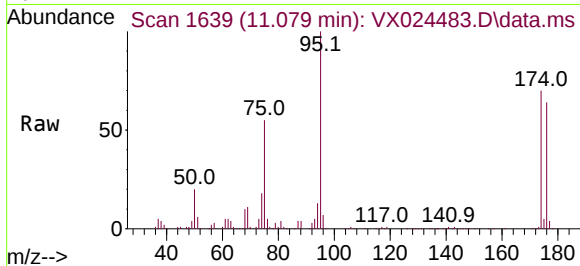




#62
4-Bromofluorobenzene
Concen: 46.270 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX024483.D
Acq: 24 Sep 2021 05:25

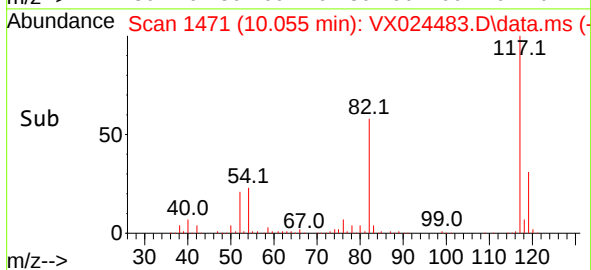
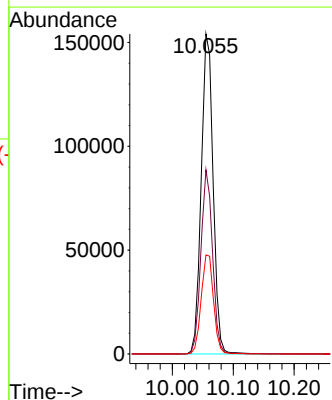
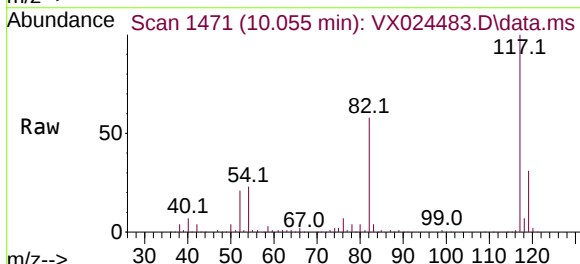
Instrument :
MSVOA_X
ClientSampleId :
MW203D2-20210918

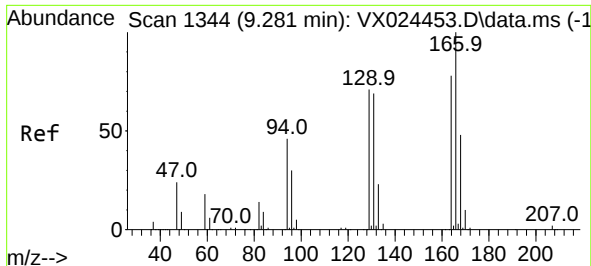
Tgt Ion: 95 Resp: 104249
Ion Ratio Lower Upper
95 100
174 82.0 0.0 154.6
176 79.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024483.D
Acq: 24 Sep 2021 05:25

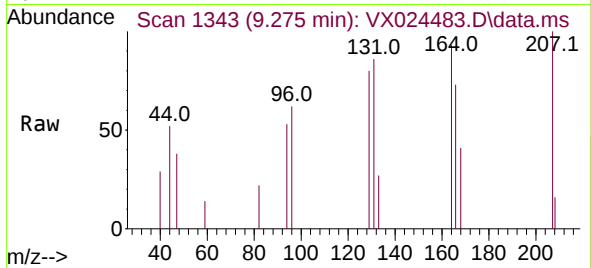
Tgt Ion: 117 Resp: 208634
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.2
119 31.0 26.6 39.8



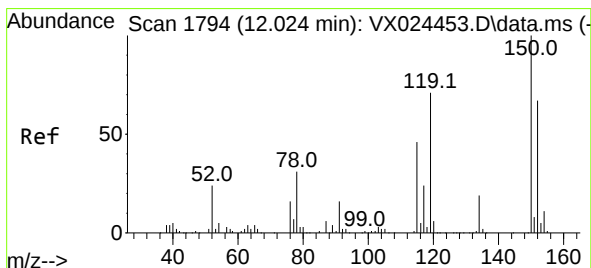
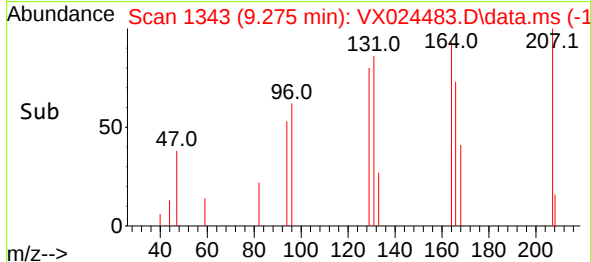
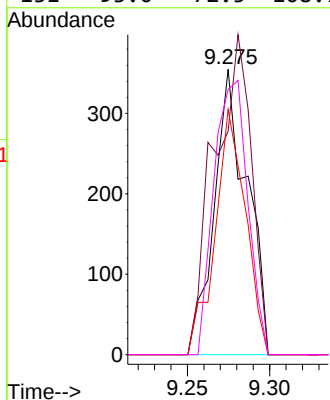


#64
Tetrachloroethene
Concen: 0.342 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.006 min
Lab File: VX024483.D
Acq: 24 Sep 2021 05:25

Instrument :
MSVOA_X
ClientSampleId :
MW203D2-20210918

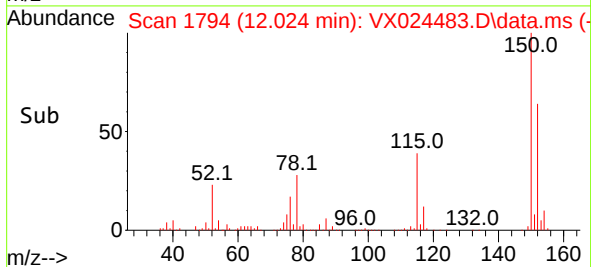
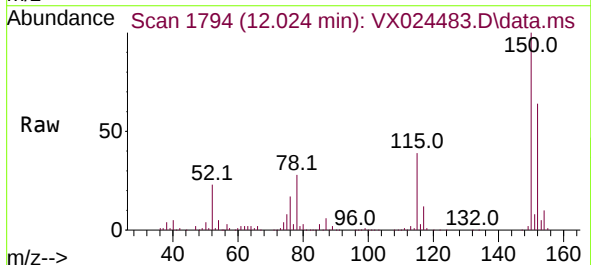
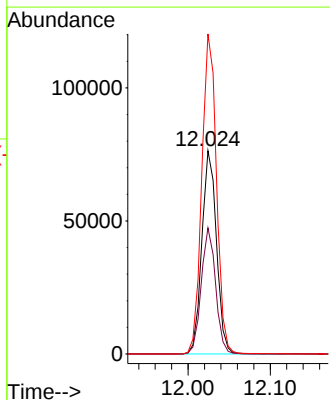


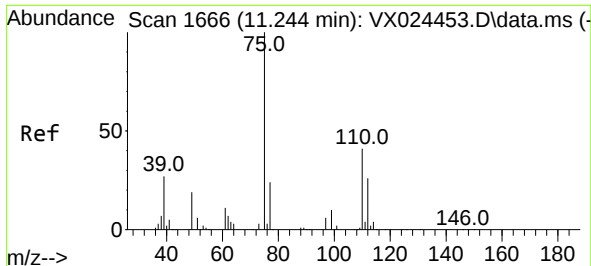
Tgt Ion:164 Resp: 494
Ion Ratio Lower Upper
164 100
166 78.3 103.4 155.2#
129 85.9 70.8 106.2
131 93.0 72.5 108.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024483.D
Acq: 24 Sep 2021 05:25

Tgt Ion:152 Resp: 94363
Ion Ratio Lower Upper
152 100
115 60.7 41.1 123.3
150 158.2 0.0 349.0

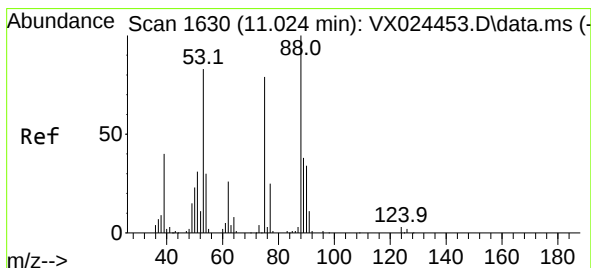
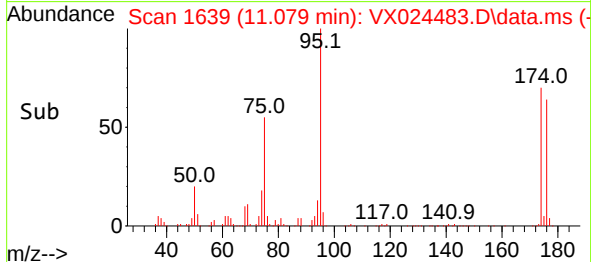
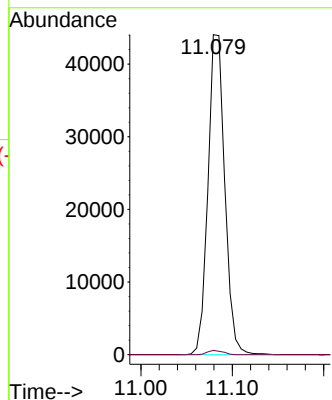
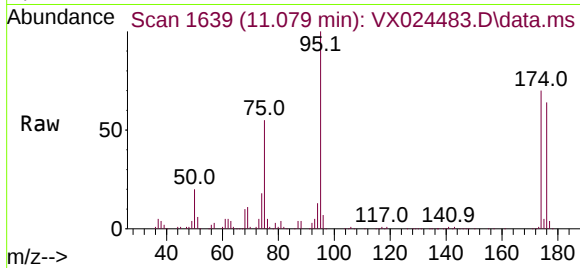




#76
1,2,3-Trichloropropane
Concen: 26.220 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX024483.D
Acq: 24 Sep 2021 05:25

Instrument :
MSVOA_X
ClientSampleId :
MW203D2-20210918

Tgt Ion: 75 Resp: 56188
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.407 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX024483.D
Acq: 24 Sep 2021 05:25

Tgt Ion: 75 Resp: 56188
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

