

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070821\
 Data File : VX023201.D
 Acq On : 08 Jul 2021 15:52
 Operator : JC/MD
 Sample : M2953-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11A-070621

Quant Time: Jul 09 02:11:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	230522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	377147	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	343597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	146558	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	158063	51.017	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.040%	
35) Dibromofluoromethane	5.397	113	122545	50.317	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.640%	
50) Toluene-d8	8.653	98	453598	49.929	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.860%	
62) 4-Bromofluorobenzene	11.085	95	163332	46.570	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.140%	

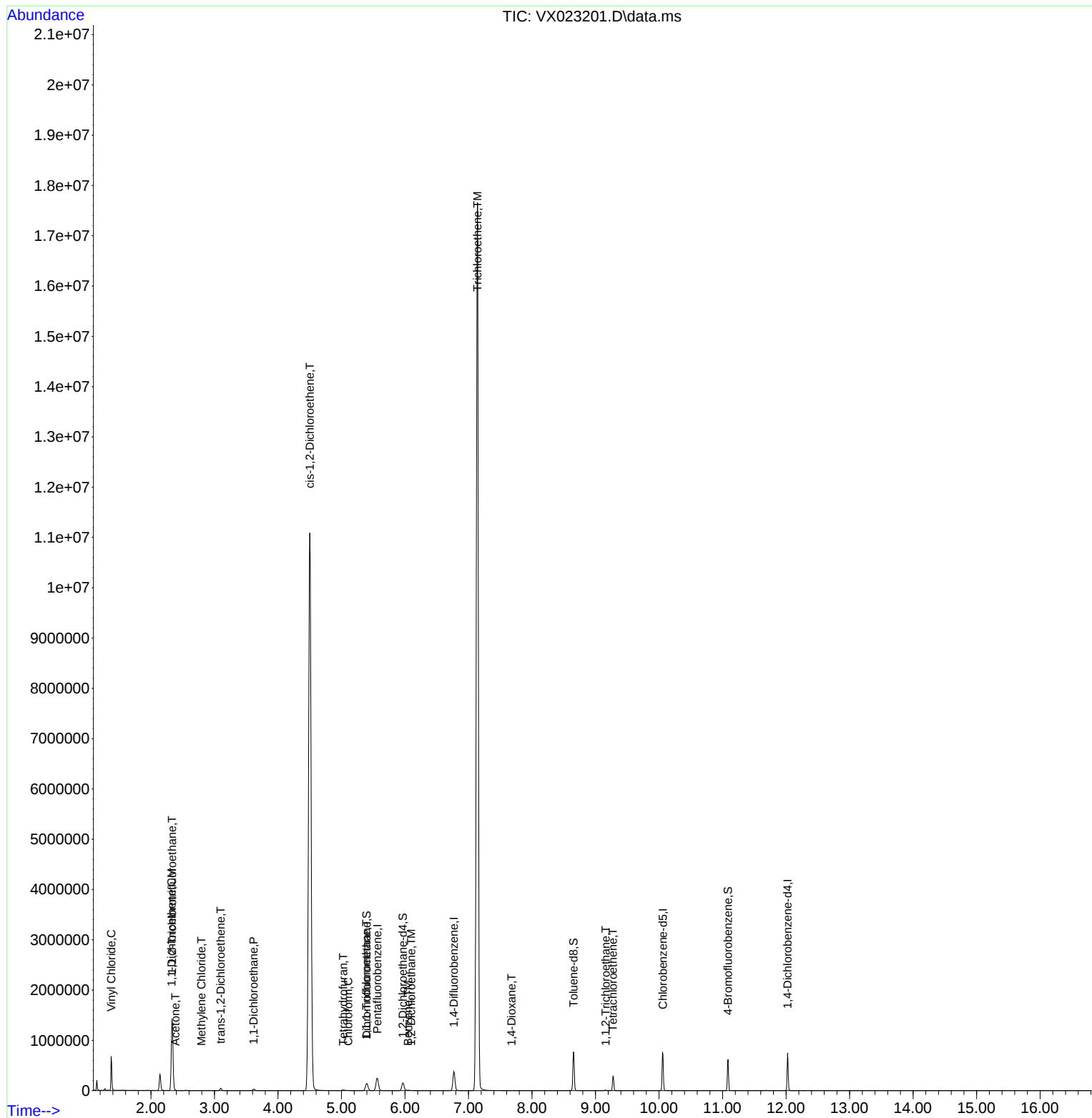
Target Compounds					Qvalue	
4) Vinyl Chloride	1.374	62	401638	183.465	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	535099	240.338	ug/l	96
12) 1,1-Dichloroethene	2.325	96	27347	13.308	ug/l	98
16) Acetone	2.386	43	3808	3.107	ug/l #	86
20) Methylene Chloride	2.794	84	1547	0.586	ug/l	90
21) trans-1,2-Dichloroethene	3.099	96	18470	8.322	ug/l	96
24) 1,1-Dichloroethane	3.617	63	32135	7.555	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	7192520	2675.706	ug/l	90
29) Tetrahydrofuran	5.025	42	12443	10.473	ug/l	90
30) Chloroform	5.105	83	3250	0.707	ug/l	87
32) 1,1,1-Trichloroethane	5.391	97	1380	0.345	ug/l #	27
40) Benzene	6.050	78	11636	1.192	ug/l	92
42) 1,2-Dichloroethane	6.098	62	3131	0.798	ug/l	86
44) Trichloroethene	7.141	130	6982915	2521.687	ug/l	99
49) 1,4-Dioxane	7.677	88	780	11.577	ug/l #	79
55) 1,1,2-Trichloroethane	9.159	97	3484	1.313	ug/l	95
64) Tetrachloroethene	9.275	164	53149	19.394	ug/l	94

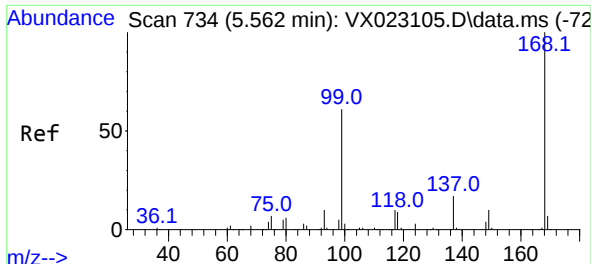
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

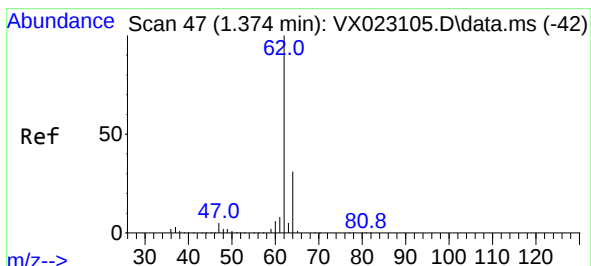
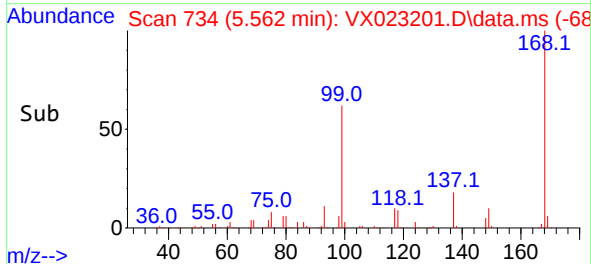
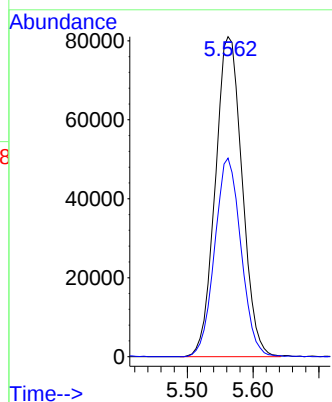
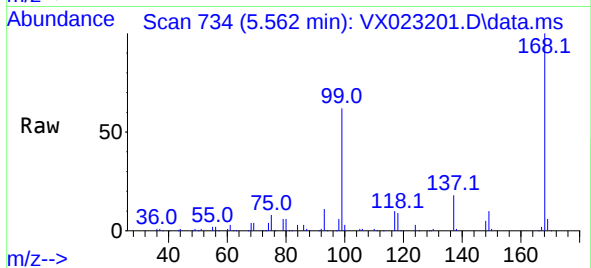




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023201.D
Acq: 08 Jul 2021 15:52

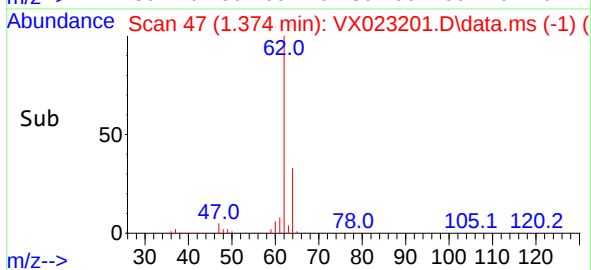
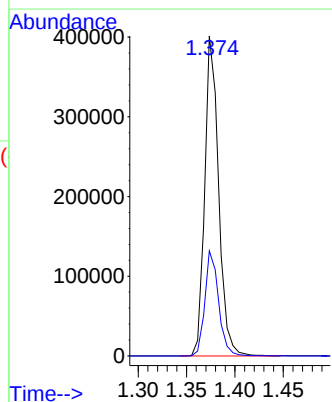
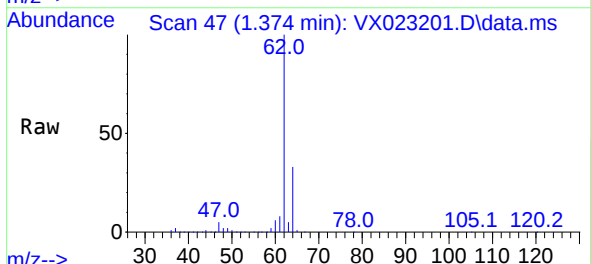
Instrument :
MSVOA_X
ClientSampleId :
MW-11A-070621

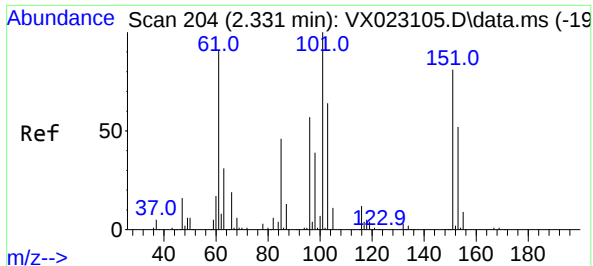
Tgt Ion:168 Resp: 230522
Ion Ratio Lower Upper
168 100
99 62.0 45.8 68.6



#4
Vinyl Chloride
Concen: 183.465 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX023201.D
Acq: 08 Jul 2021 15:52

Tgt Ion: 62 Resp: 401638
Ion Ratio Lower Upper
62 100
64 32.8 25.7 38.5

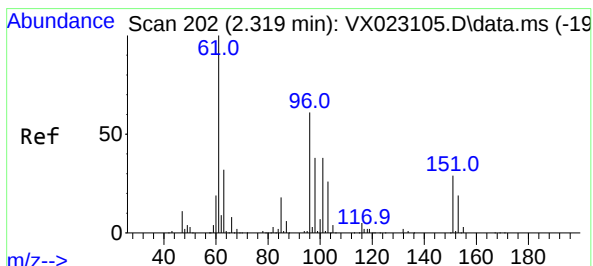
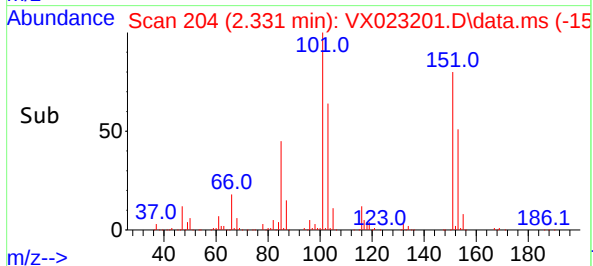
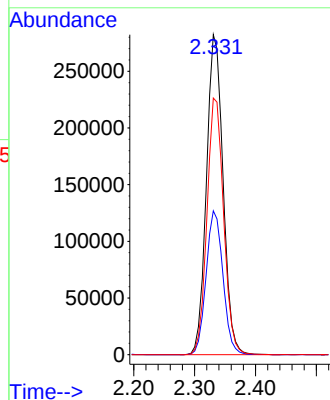
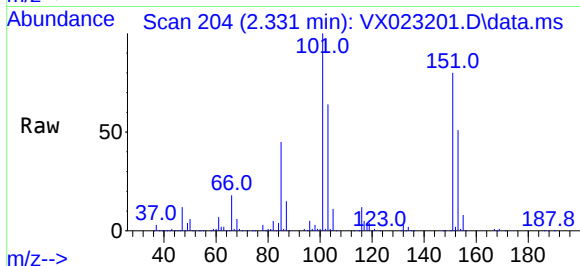




#9
1,1,2-Trichlorotrifluoroethane
Concen: 240.338 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX023201.D
Acq: 08 Jul 2021 15:52

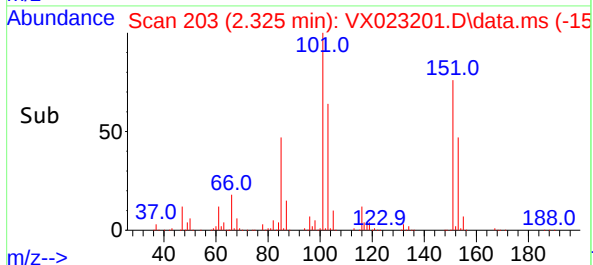
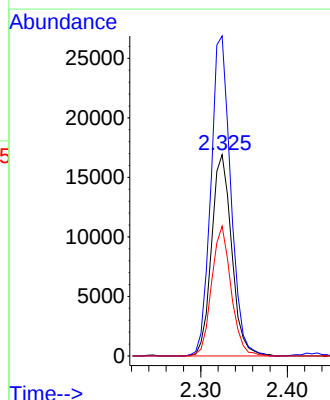
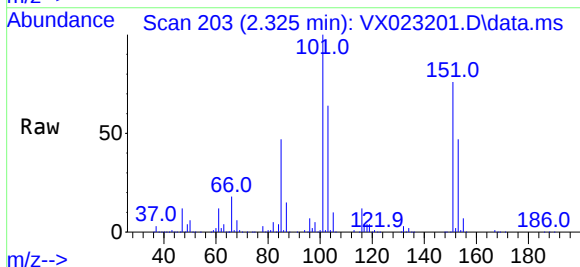
Instrument :
MSVOA_X
ClientSampleId :
MW-11A-070621

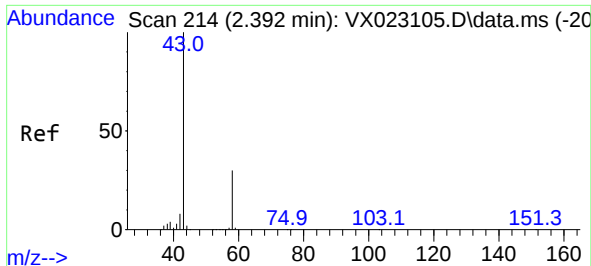
Tgt Ion:101 Resp: 535099
Ion Ratio Lower Upper
101 100
85 45.6 34.9 52.3
151 80.5 61.4 92.2



#12
1,1-Dichloroethene
Concen: 13.308 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX023201.D
Acq: 08 Jul 2021 15:52

Tgt Ion: 96 Resp: 27347
Ion Ratio Lower Upper
96 100
61 159.0 124.6 187.0
98 64.5 50.6 76.0

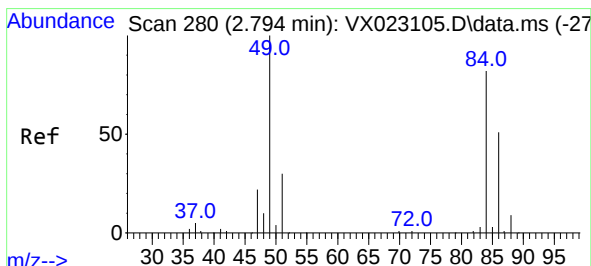
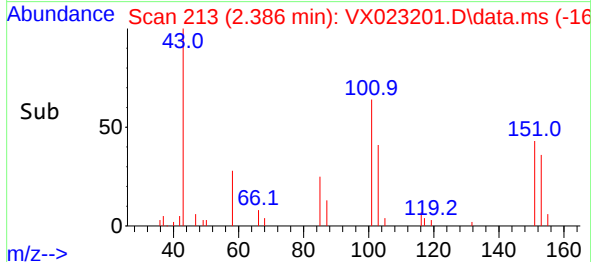
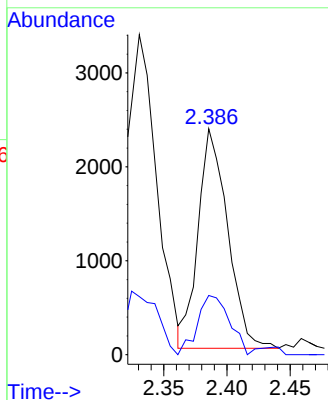
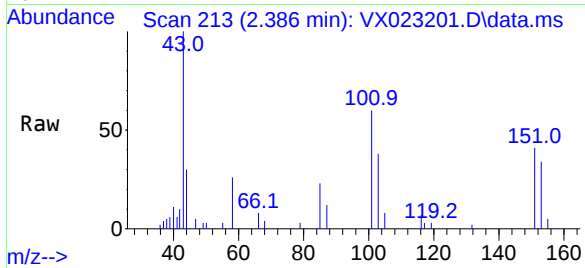




#16
Acetone
Concen: 3.107 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023201.D
Acq: 08 Jul 2021 15:52

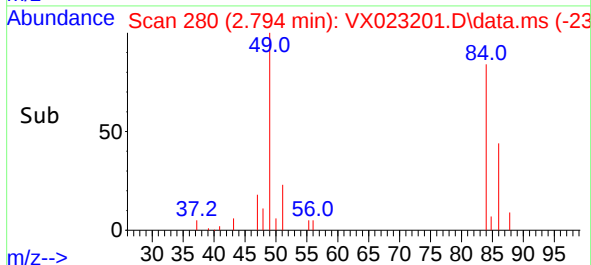
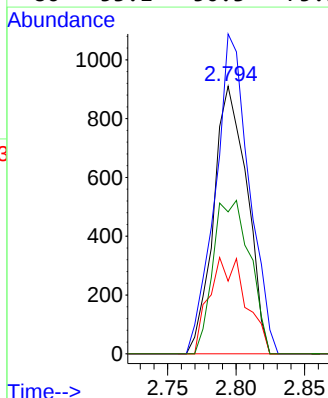
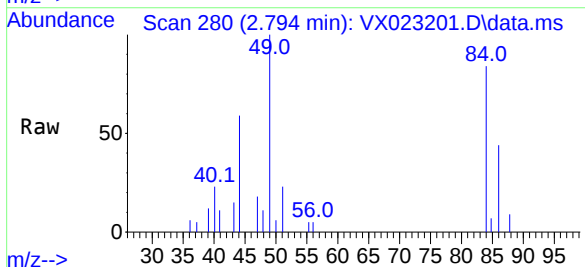
Instrument :
MSVOA_X
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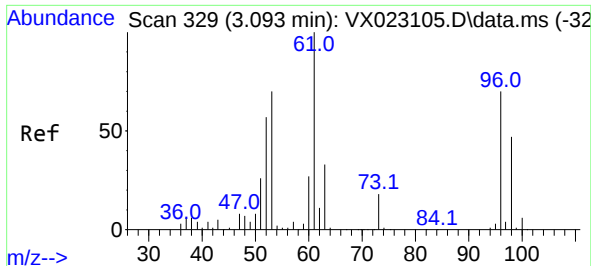
Tgt Ion: 43 Resp: 3808
Ion Ratio Lower Upper
43 100
58 27.0 27.8 41.8#



#20
Methylene Chloride
Concen: 0.586 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023201.D
Acq: 08 Jul 2021 15:52

Tgt Ion: 84 Resp: 1547
Ion Ratio Lower Upper
84 100
49 119.6 88.6 132.8
51 27.1 27.0 40.6
86 53.1 50.3 75.5

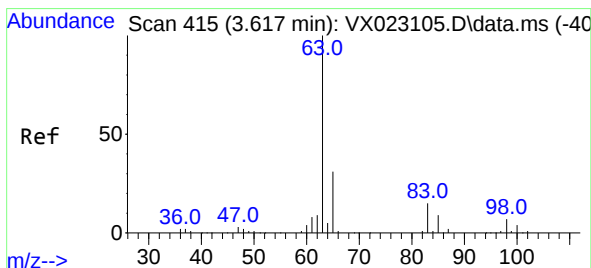
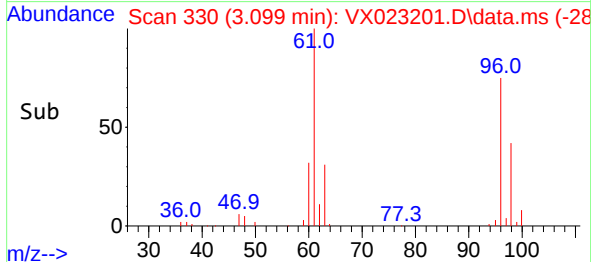
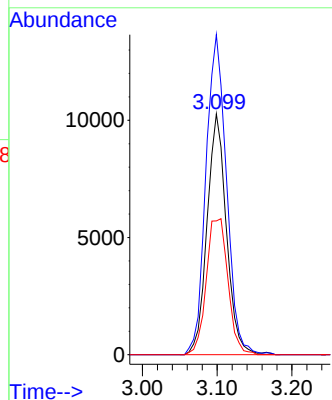
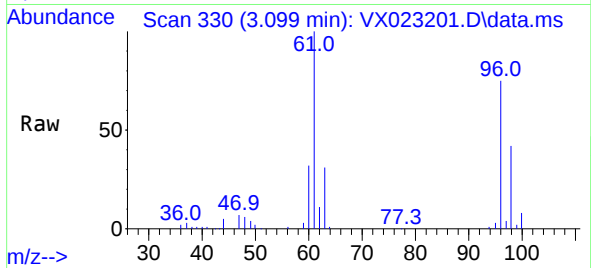




#21
trans-1,2-Dichloroethene
Concen: 8.322 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX023201.D
Acq: 08 Jul 2021 15:52

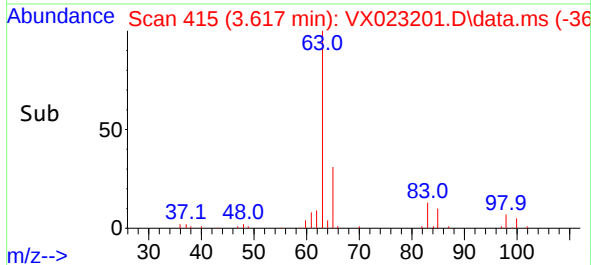
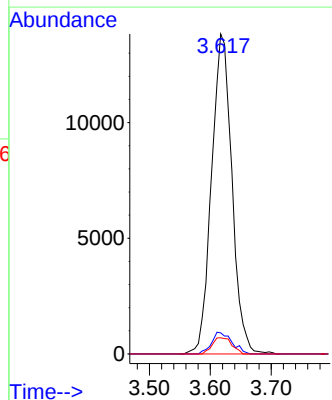
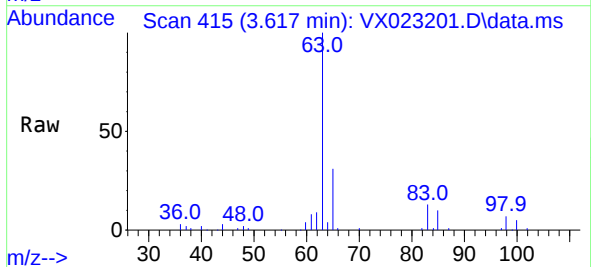
Instrument :
MSVOA_X
ClientSampleId :
MW-11A-070621

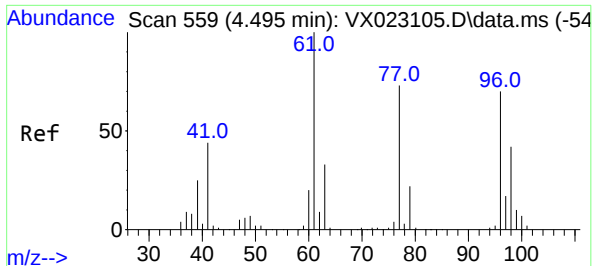
Tgt Ion: 96 Resp: 18470
Ion Ratio Lower Upper
96 100
61 132.9 107.7 161.5
98 55.6 50.4 75.6



#24
1,1-Dichloroethane
Concen: 7.555 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.000 min
Lab File: VX023201.D
Acq: 08 Jul 2021 15:52

Tgt Ion: 63 Resp: 32135
Ion Ratio Lower Upper
63 100
98 6.6 3.8 11.2
100 5.0 2.5 7.5





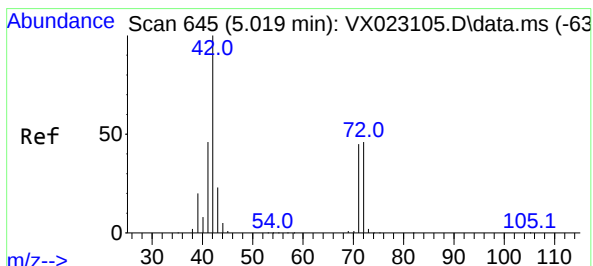
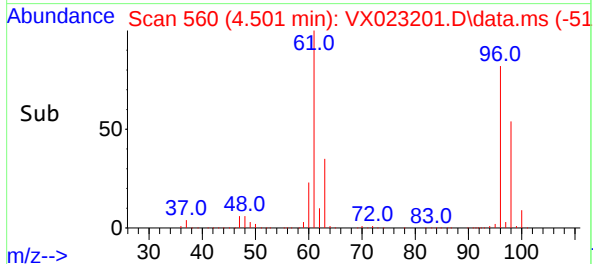
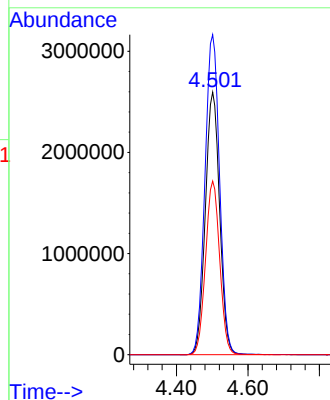
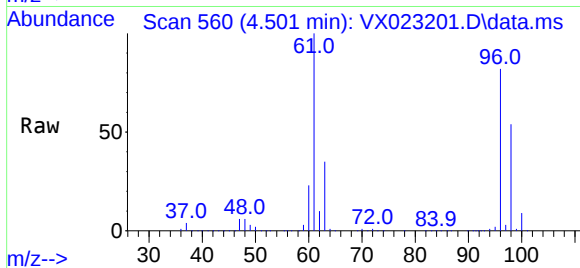
#27

cis-1,2-Dichloroethene
Concen: 2675.706 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX023201.D
Acq: 08 Jul 2021 15:52

Instrument :
MSVOA_X
ClientSampleId :
MW-11A-070621

Tgt Ion: 96 Resp: 7192520

Ion	Ratio	Lower	Upper
96	100		
61	124.7	0.0	285.6
98	65.6	0.0	129.6

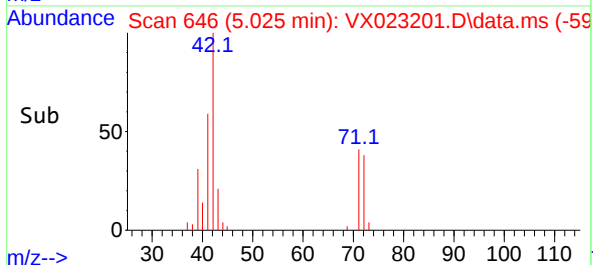
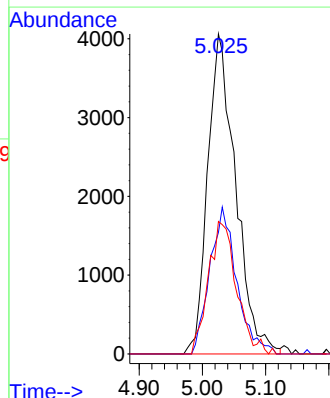
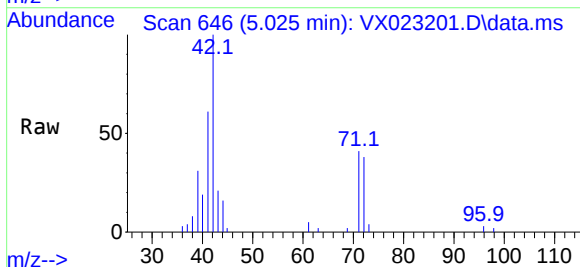


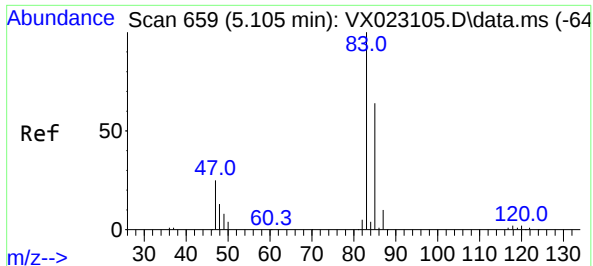
#29

Tetrahydrofuran
Concen: 10.473 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.006 min
Lab File: VX023201.D
Acq: 08 Jul 2021 15:52

Tgt Ion: 42 Resp: 12443

Ion	Ratio	Lower	Upper
42	100		
72	44.4	41.7	62.5
71	41.6	38.4	57.6

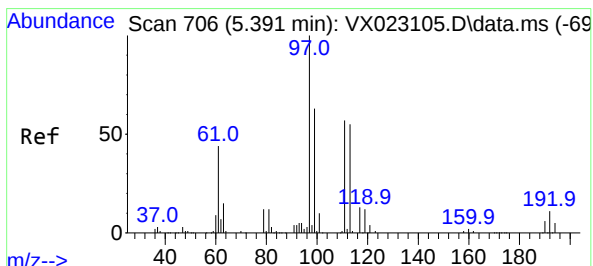
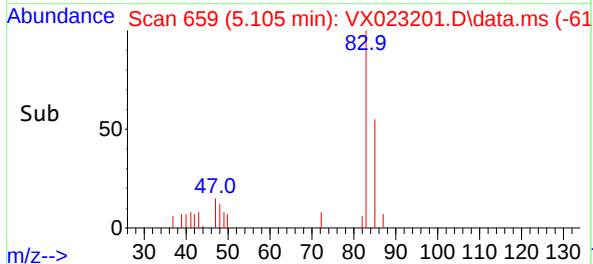
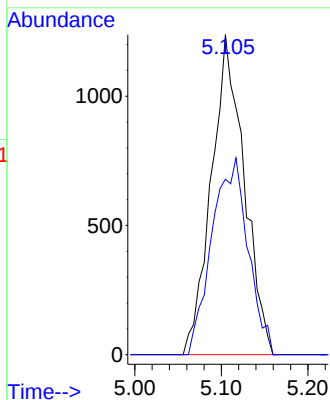
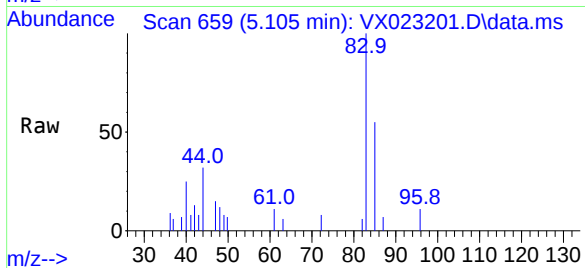




#30
Chloroform
Concen: 0.707 ug/l
RT: 5.105 min Scan# 659
Delta R.T. -0.000 min
Lab File: VX023201.D
Acq: 08 Jul 2021 15:52

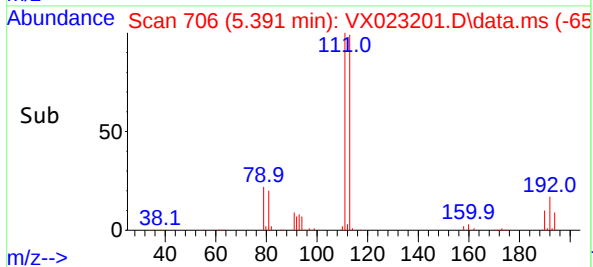
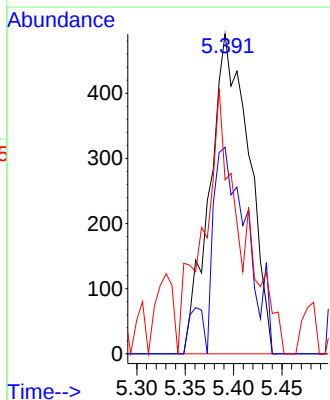
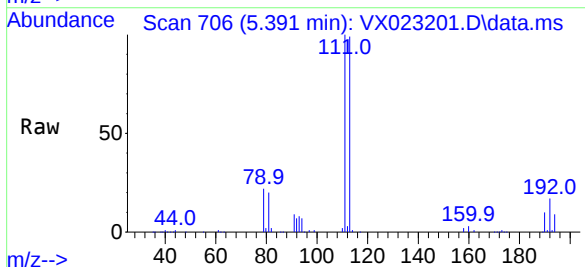
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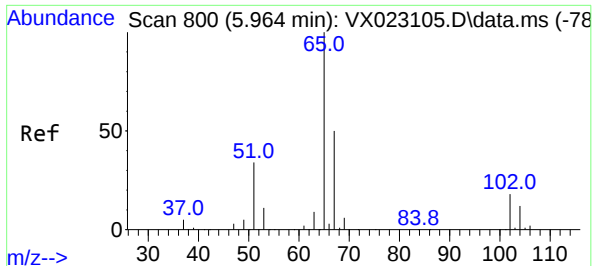
Tgt Ion: 83 Resp: 3250
Ion Ratio Lower Upper
83 100
85 54.8 52.0 78.0



#32
1,1,1-Trichloroethane
Concen: 0.345 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX023201.D
Acq: 08 Jul 2021 15:52

Tgt Ion: 97 Resp: 1380
Ion Ratio Lower Upper
97 100
99 0.0 51.5 77.3#
61 79.9 34.2 51.4#



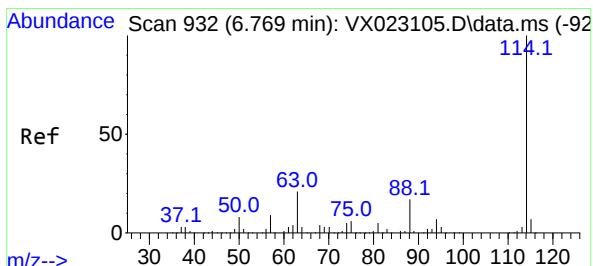
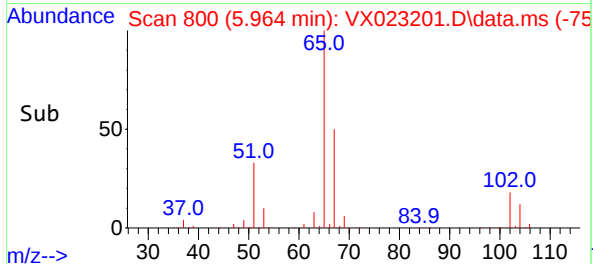
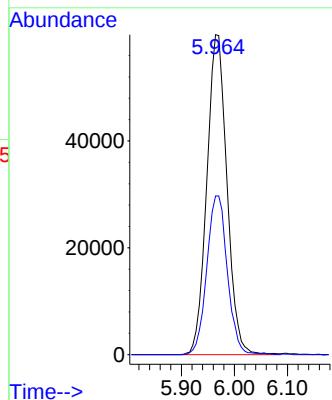
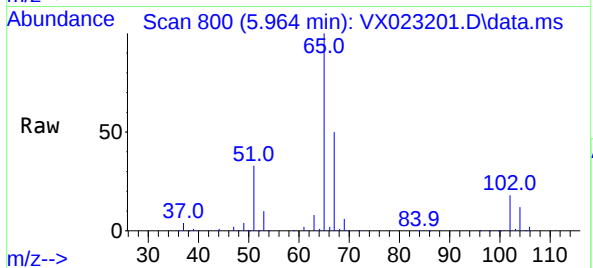


#33

1,2-Dichloroethane-d4
Concen: 51.017 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023201.D
Acq: 08 Jul 2021 15:52

Instrument :
MSVOA_X
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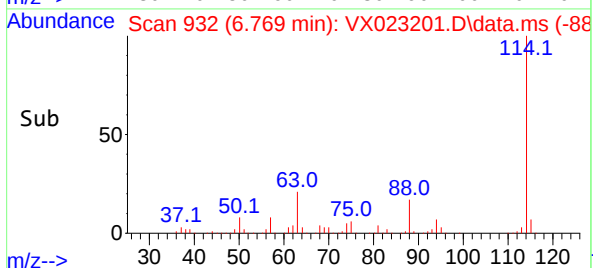
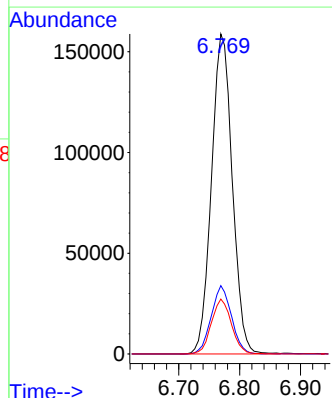
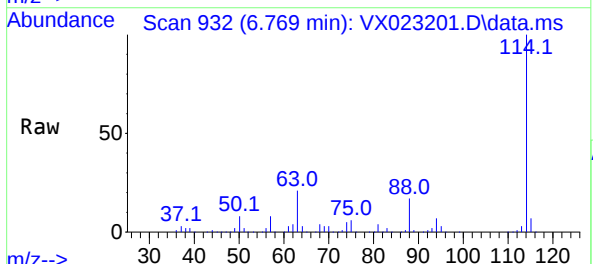
Tgt Ion: 65 Resp: 158063
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.4

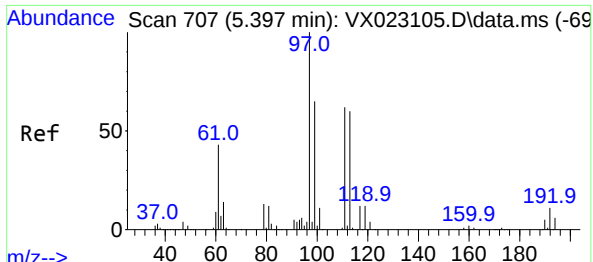


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023201.D
Acq: 08 Jul 2021 15:52

Tgt Ion: 114 Resp: 377147
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.8
88 17.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.317 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023201.D

Acq: 08 Jul 2021 15:52

Tgt Ion:113 Resp: 122545

Ion Ratio Lower Upper

113 100

111 101.8 81.9 122.9

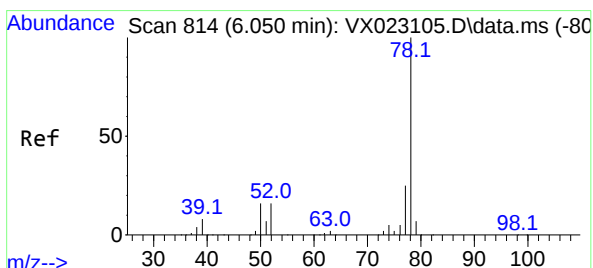
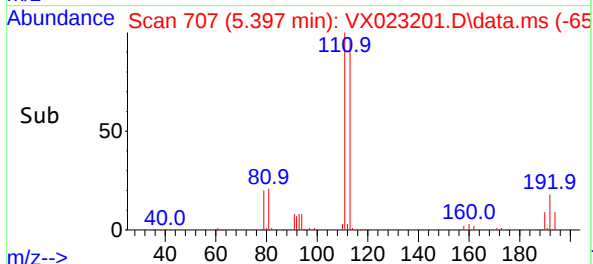
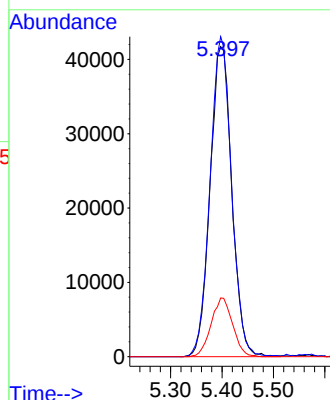
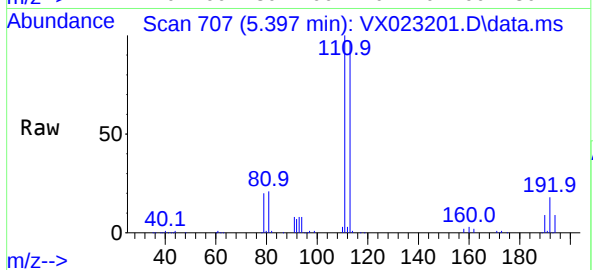
192 18.7 16.7 25.1

Instrument :

MSVOA_X

ClientSampleId :

MW-11A-070621



#40

Benzene

Concen: 1.192 ug/l

RT: 6.050 min Scan# 814

Delta R.T. -0.000 min

Lab File: VX023201.D

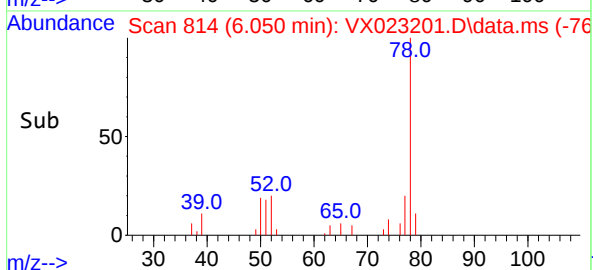
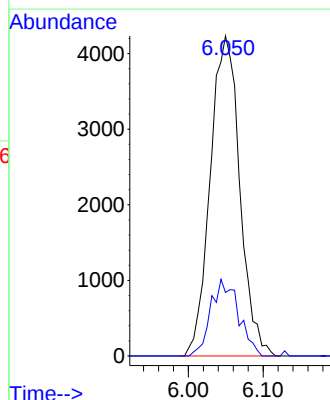
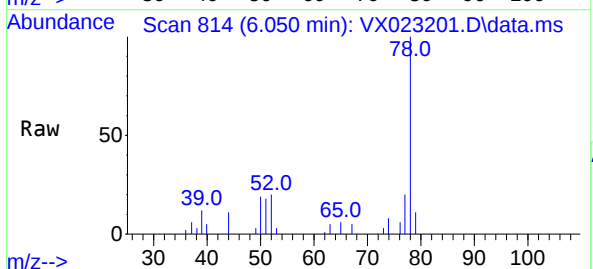
Acq: 08 Jul 2021 15:52

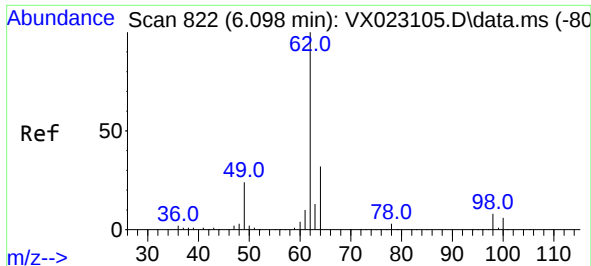
Tgt Ion: 78 Resp: 11636

Ion Ratio Lower Upper

78 100

77 19.9 18.9 28.3





#42

1,2-Dichloroethane

Concen: 0.798 ug/l

RT: 6.098 min Scan# 822

Delta R.T. 0.000 min

Lab File: VX023201.D

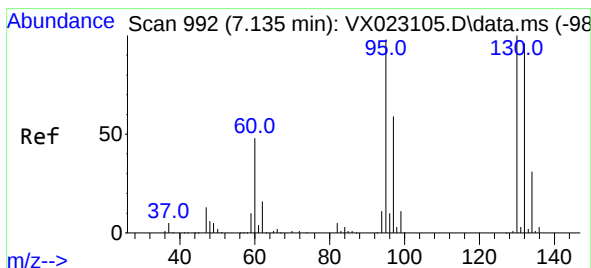
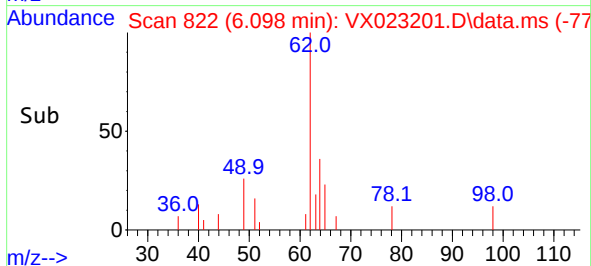
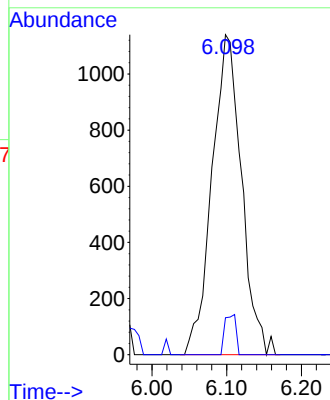
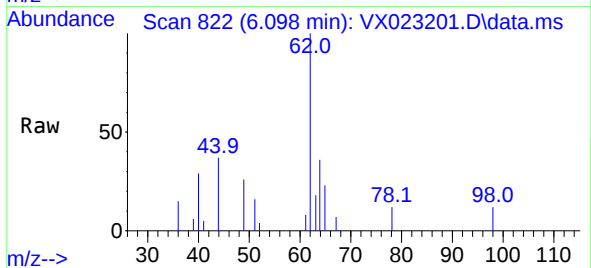
Acq: 08 Jul 2021 15:52

Tgt Ion: 62 Resp: 3131

Ion Ratio Lower Upper

62 100

98 4.8 0.0 20.2



#44

Trichloroethene

Concen: 2521.687 ug/l

RT: 7.141 min Scan# 993

Delta R.T. 0.006 min

Lab File: VX023201.D

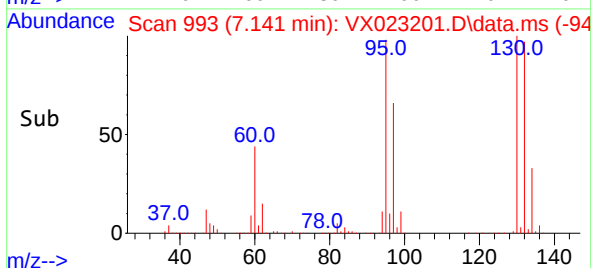
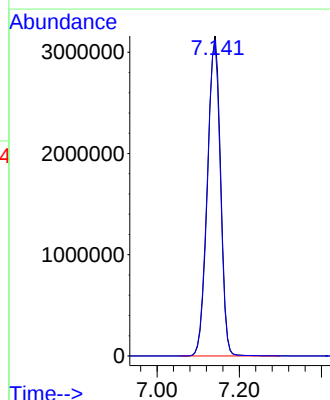
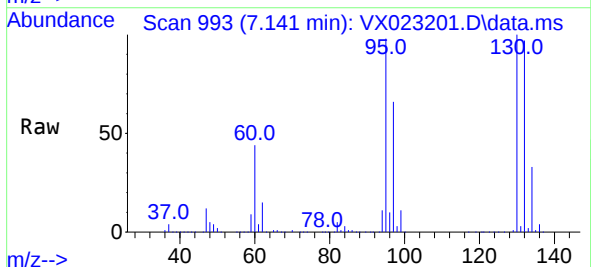
Acq: 08 Jul 2021 15:52

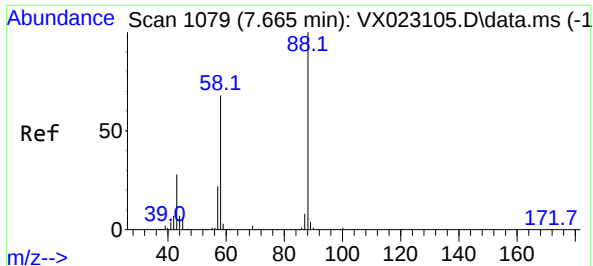
Tgt Ion:130 Resp: 6982915

Ion Ratio Lower Upper

130 100

95 98.3 0.0 198.0

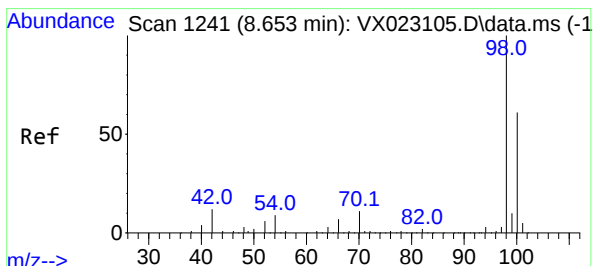
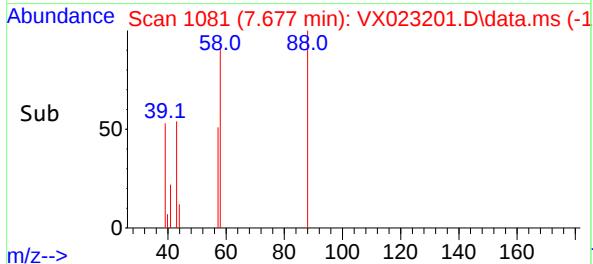
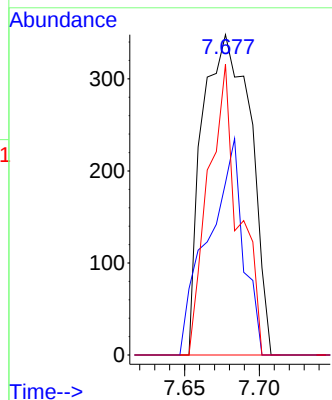
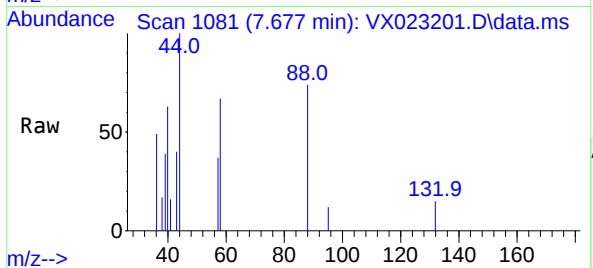




#49
1,4-Dioxane
Concen: 11.577 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.012 min
Lab File: VX023201.D
Acq: 08 Jul 2021 15:52

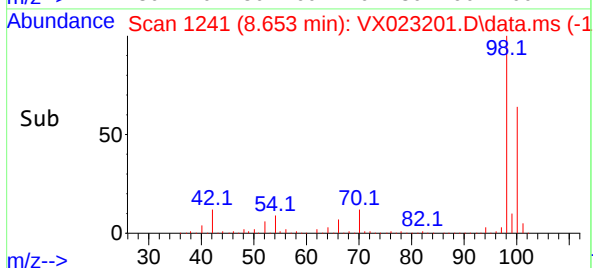
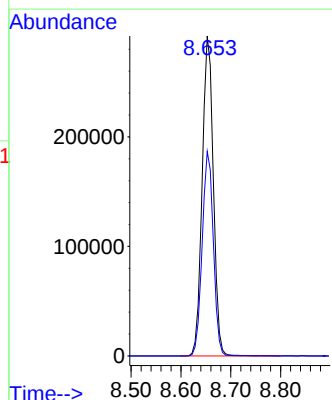
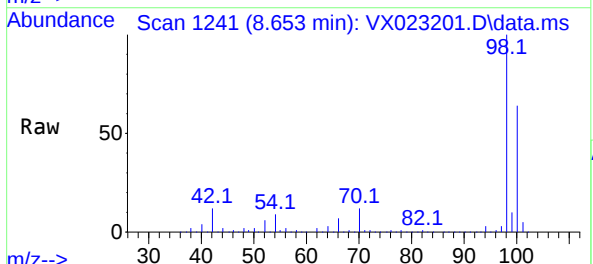
Instrument :
MSVOA_X
ClientSampleId :
MW-11A-070621

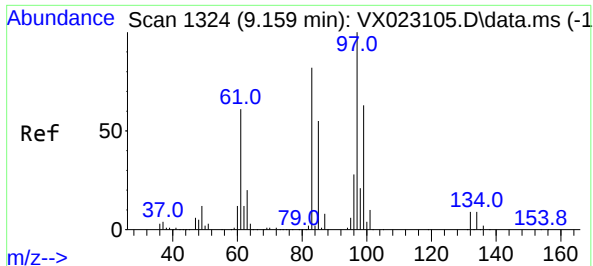
Tgt Ion: 88 Resp: 780
Ion Ratio Lower Upper
88 100
43 49.0 23.2 34.8#
58 57.7 55.0 82.4



#50
Toluene-d8
Concen: 49.929 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023201.D
Acq: 08 Jul 2021 15:52

Tgt Ion: 98 Resp: 453598
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



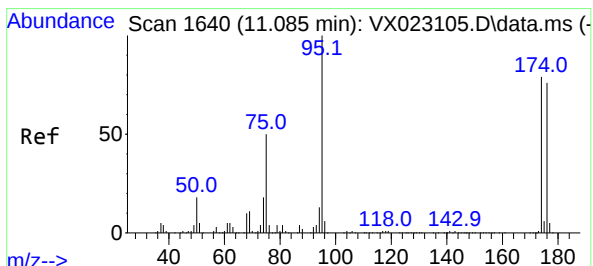
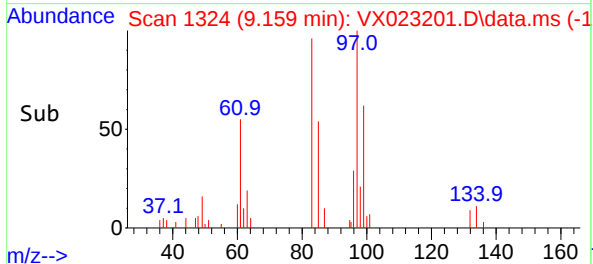
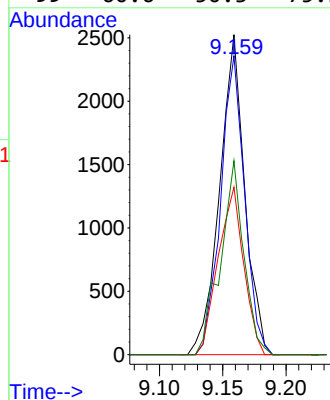
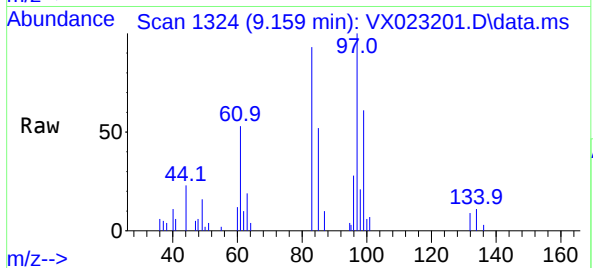


#55
1,1,2-Trichloroethane
Concen: 1.313 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. -0.000 min
Lab File: VX023201.D
Acq: 08 Jul 2021 15:52

Instrument :
MSVOA_X
ClientSampleId :
MW-11A-070621

Tgt Ion: 97 Resp: 3484

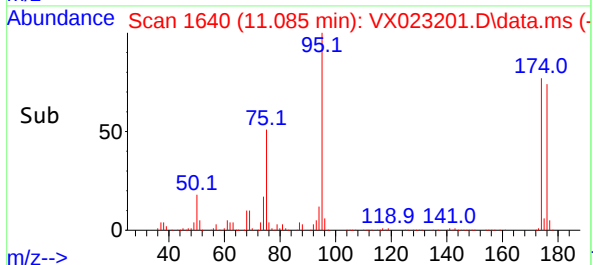
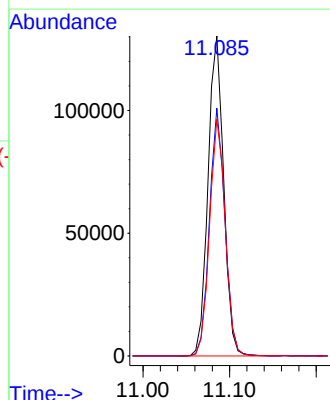
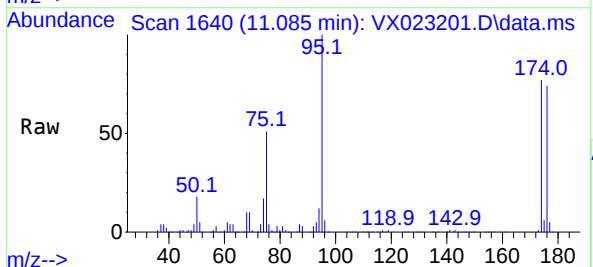
Ion	Ratio	Lower	Upper
97	100		
83	93.3	69.3	103.9
85	52.4	44.3	66.5
99	60.6	50.3	75.5

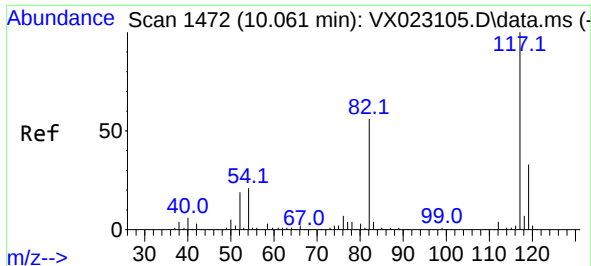


#62
4-Bromofluorobenzene
Concen: 46.570 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023201.D
Acq: 08 Jul 2021 15:52

Tgt Ion: 95 Resp: 163332

Ion	Ratio	Lower	Upper
95	100		
174	76.7	0.0	154.6
176	74.1	0.0	155.8



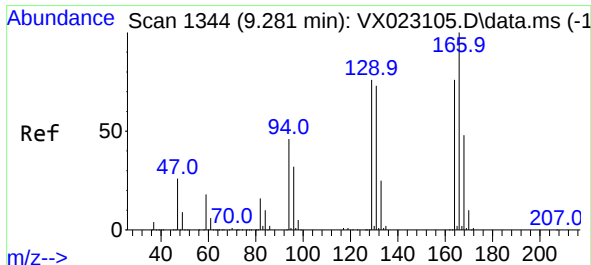
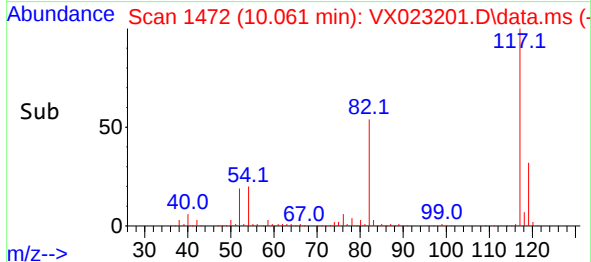
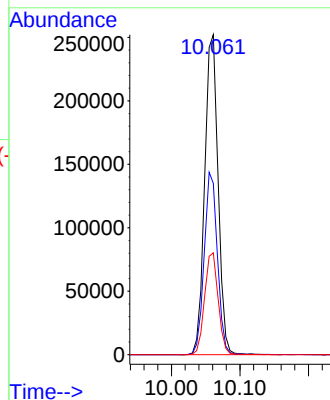
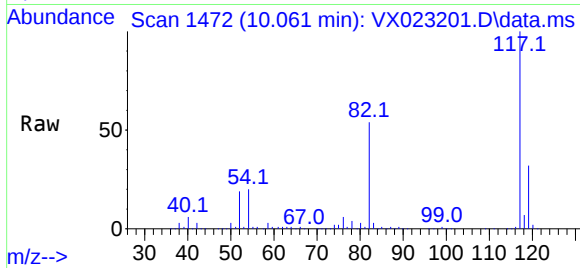


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX023201.D
Acq: 08 Jul 2021 15:52

Instrument :
MSVOA_X
ClientSampleId :
MW-11A-070621

Tgt Ion:117 Resp: 343597

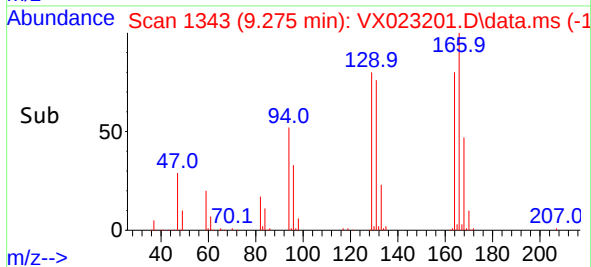
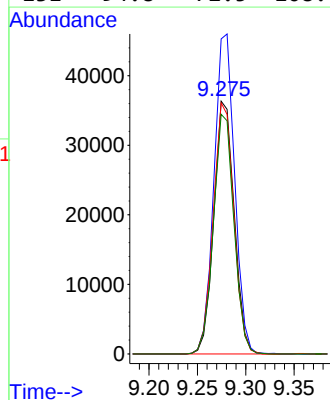
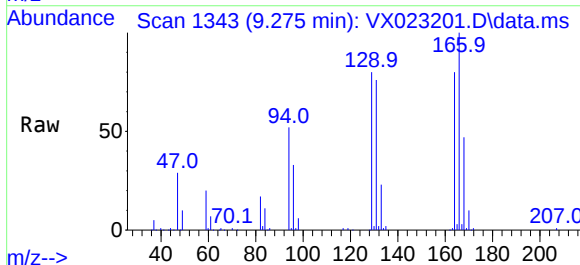
Ion	Ratio	Lower	Upper
117	100		
82	53.6	47.4	71.2
119	31.8	26.6	39.8

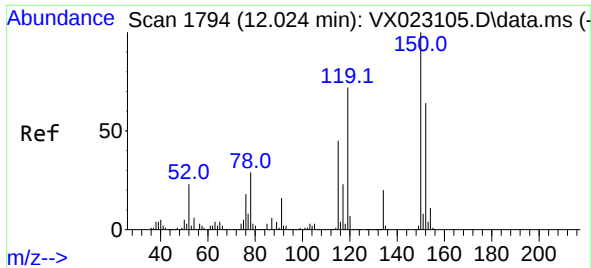


#64
Tetrachloroethene
Concen: 19.394 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.006 min
Lab File: VX023201.D
Acq: 08 Jul 2021 15:52

Tgt Ion:164 Resp: 53149

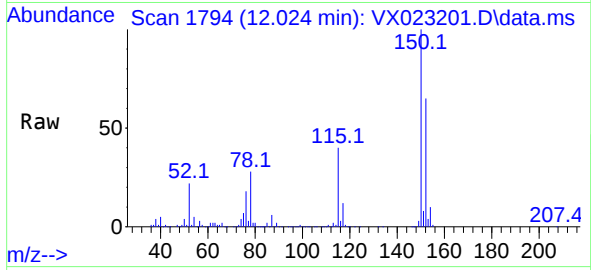
Ion	Ratio	Lower	Upper
164	100		
166	124.6	103.4	155.2
129	99.3	70.8	106.2
131	94.8	72.5	108.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023201.D
Acq: 08 Jul 2021 15:52

Instrument :
MSVOA_X
ClientSampleId :
MW-11A-070621



Tgt Ion:	152	Resp:	146558
Ion	Ratio	Lower	Upper
152	100		
115	61.8	41.1	123.3
150	154.8	0.0	349.0

