

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011221\
 Data File : VX020580.D
 Acq On : 12 Jan 2021 15:22
 Operator : JC/MD
 Sample : M1083-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Manual Integrations
 APPROVED

MMDadoda
 1/13/2021 4:38:35 PM

Quant Time: Jan 13 00:26:58 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 11 15:05:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.641	168	219453	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.836	114	344228	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	354319	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	171555	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.037	65	124542	47.25	ug/l	0.01
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.50%		
35) Dibromofluoromethane	5.483	113	108523	45.50	ug/l	0.02
Spiked Amount 50.000	Range 69 - 133		Recovery =	91.00%		
50) Toluene-d8	8.695	98	414507	48.57	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.14%		
62) 4-Bromofluorobenzene	11.122	95	164661	54.63	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	109.26%		
Target Compounds					Qvalue	
4) Vinyl Chloride	1.380	62	15495018	6744.97	ug/l #	68
12) 1,1-Dichloroethene	2.361	96	326058	155.62	ug/l	94
16) Acetone	2.440	43	13577m	11.31	ug/l	
17) Carbon Disulfide	2.556	76	101722	17.61	ug/l	99
18) Methyl Acetate	2.745	43	3731	1.60	ug/l	96
20) Methylene Chloride	2.837	84	5309	2.13	ug/l	95
21) trans-1,2-Dichloroethene	3.148	96	1407458	598.05	ug/l	94
24) 1,1-Dichloroethane	3.684	63	3953	1.01	ug/l	95
27) cis-1,2-Dichloroethene	4.580	96	74640009m	28422.02	ug/l	
40) Benzene	6.123	78	57929	6.13	ug/l	96
42) 1,2-Dichloroethane	6.165	62	17022	5.05	ug/l	100
44) Trichloroethene	7.190	130	935705	333.10	ug/l	97
52) Toluene	8.769	92	8153	1.36	ug/l	98
55) 1,1,2-Trichloroethane	9.195	97	4404	1.73	ug/l	95
59) 2-Hexanone	9.470	43	13672	6.64	ug/l	100
64) Tetrachloroethene	9.317	164	185307	57.90	ug/l	96
65) Chlorobenzene	10.122	112	2848	0.38	ug/l	94
67) Ethyl Benzene	10.232	91	6241	0.51	ug/l	93
68) m/p-Xylenes	10.342	106	9912	2.10	ug/l	98
69) o-Xylene	10.683	106	5643	1.29	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.250	83	1476	0.39	ug/l	99
78) n-propylbenzene	11.341	91	6253	0.49	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	10632	1.10	ug/l	96
84) 1,2,4-Trimethylbenzene	11.792	105	42890	4.43	ug/l	99
95) Naphthalene	13.816	128	19000	5.23	ug/l	99

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

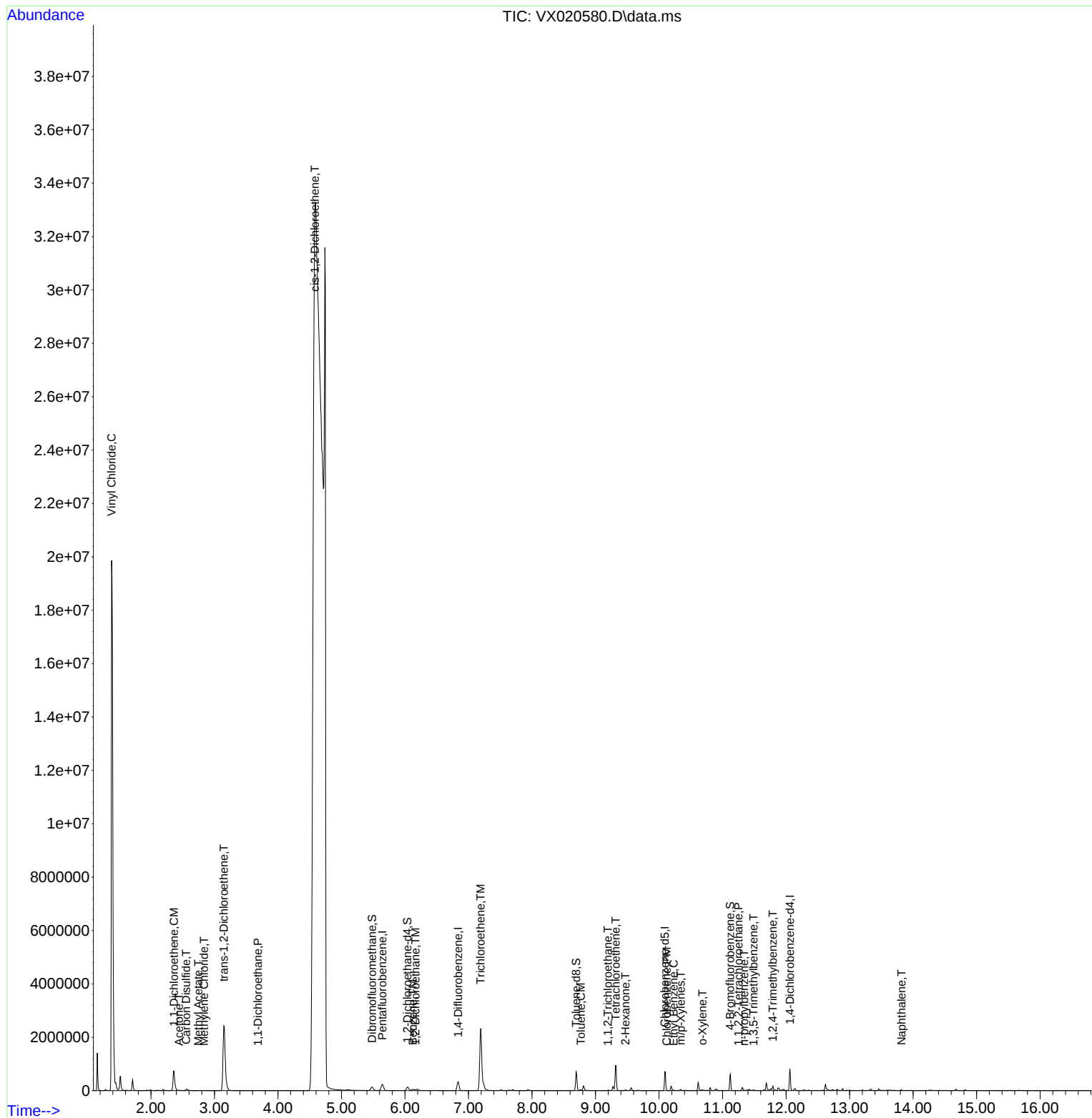
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011221\
Data File : VX020580.D
Acq On : 12 Jan 2021 15:22
Operator : JC/MD
Sample : M1083-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

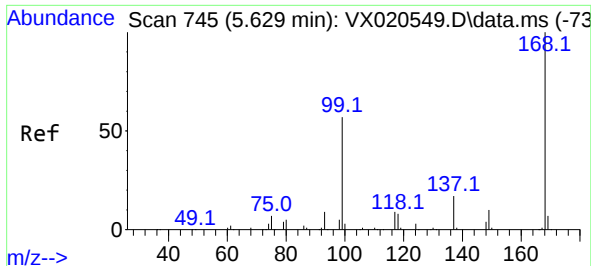
Instrument :
MSVOA_X
ClientSampleId :
MW-3

Manual Integrations
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Quant Time: Jan 13 00:26:58 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 11 15:05:37 2021
Response via : Initial Calibration





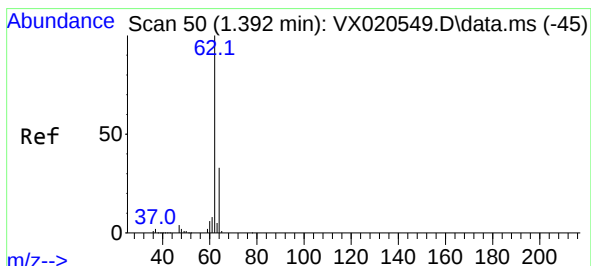
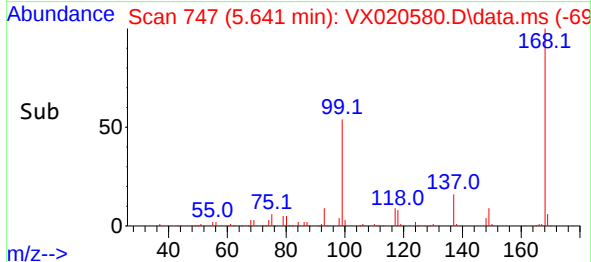
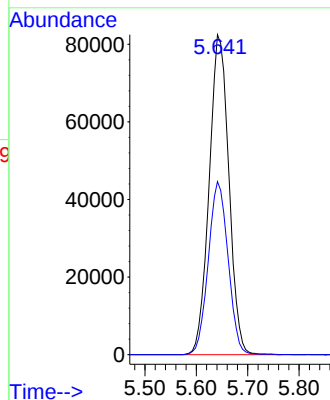
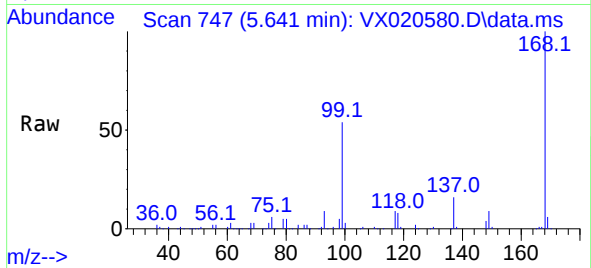
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.641 min Scan# 747
Delta R.T. 0.012 min
Lab File: VX020580.D
Acq: 12 Jan 2021 15:22

Tgt Ion: 168 Resp: 219453
Ion Ratio Lower Upper
168 100
99 54.1 45.8 68.6

Instrument :
MSVOA_X
ClientSampled :
MW-3

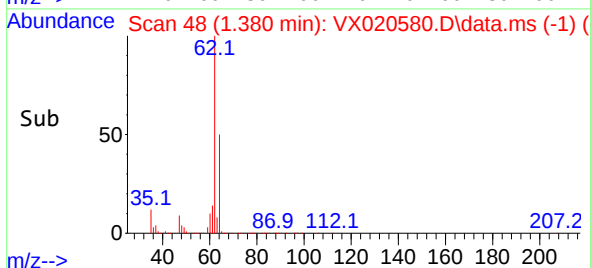
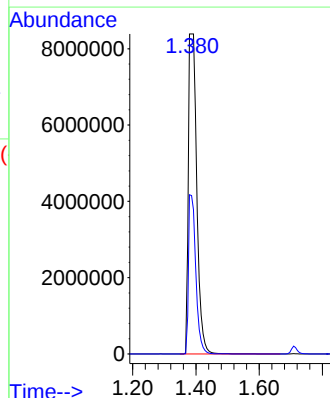
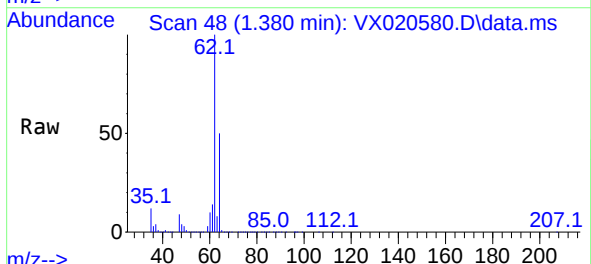
Manual Integrations
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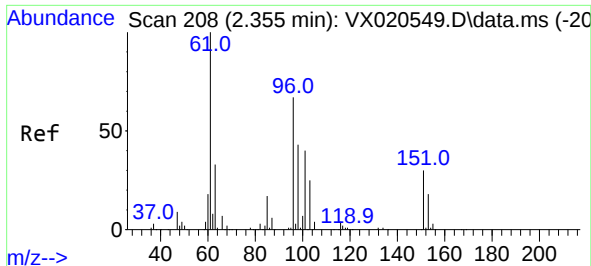
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#4
Vinyl Chloride
Concen: 6744.97 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.012 min
Lab File: VX020580.D
Acq: 12 Jan 2021 15:22

Tgt Ion: 62 Resp: 15495018
Ion Ratio Lower Upper
62 100
64 49.7 25.7 38.5#





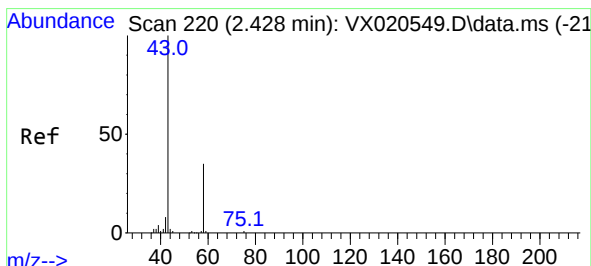
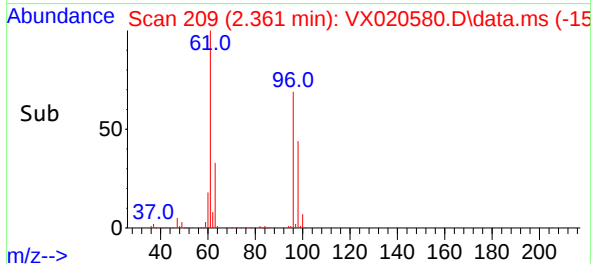
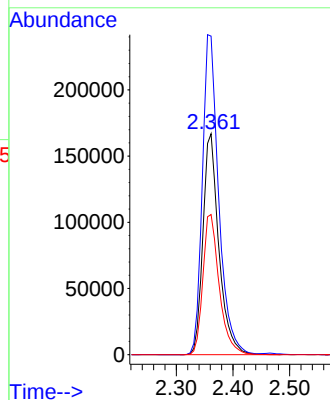
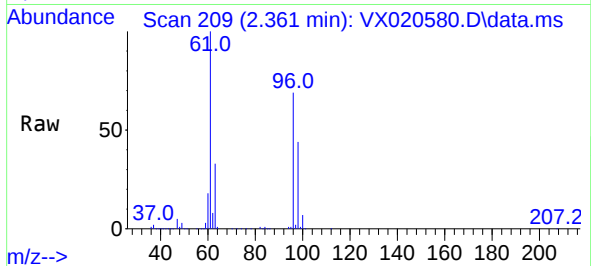
#12
1,1-Dichloroethene
Concen: 155.62 ug/l
RT: 2.361 min Scan# 209
Delta R.T. 0.006 min
Lab File: VX020580.D
Acq: 12 Jan 2021 15:22

Tgt Ion: 96 Resp: 326058
Ion Ratio Lower Upper
96 100
61 144.2 124.6 187.0
98 63.5 50.6 76.0

Instrument :
MSVOA_X
ClientSampled :
MW-3

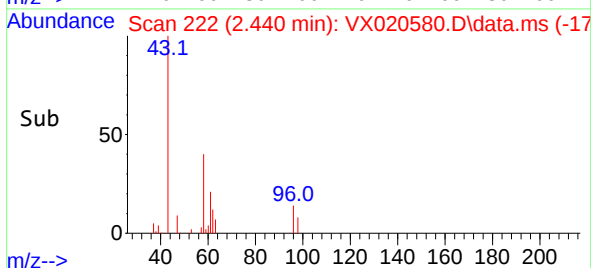
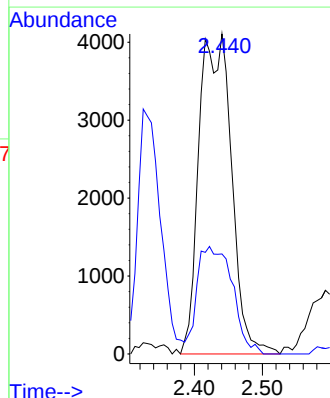
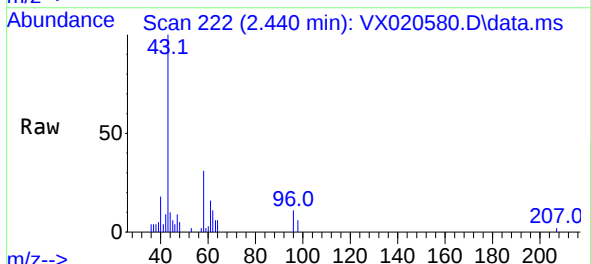
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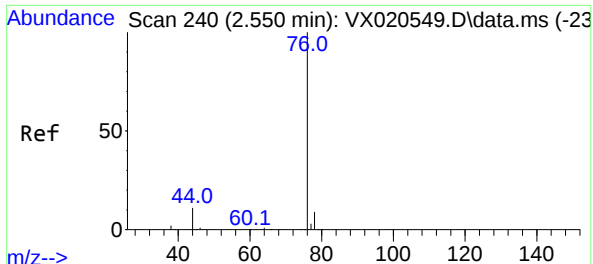
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#16
Acetone
Concen: 11.31 ug/l m
RT: 2.440 min Scan# 222
Delta R.T. 0.012 min
Lab File: VX020580.D
Acq: 12 Jan 2021 15:22

Tgt Ion: 43 Resp: 13577
Ion Ratio Lower Upper
43 100
58 31.3 27.8 41.8





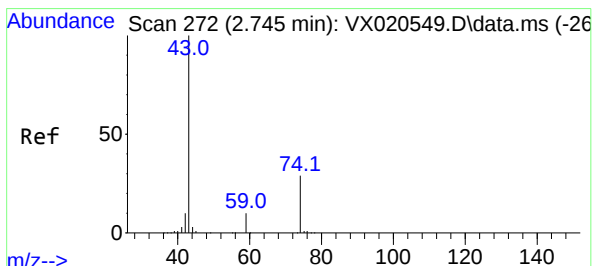
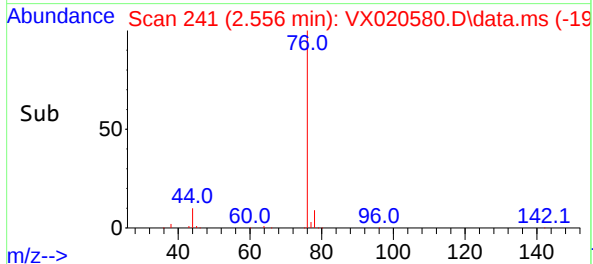
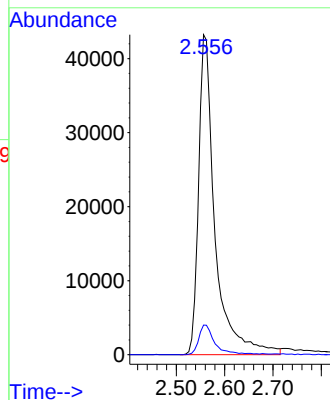
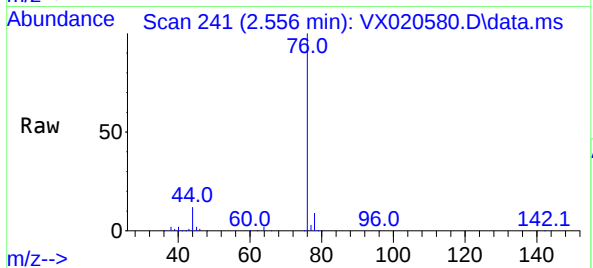
#17
Carbon Disulfide
Concen: 17.61 ug/l
RT: 2.556 min Scan# 241
Delta R.T. 0.006 min
Lab File: VX020580.D
Acq: 12 Jan 2021 15:22

Tgt Ion: 76 Resp: 101722
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

Instrument :
MSVOA_X
ClientSampled :
MW-3

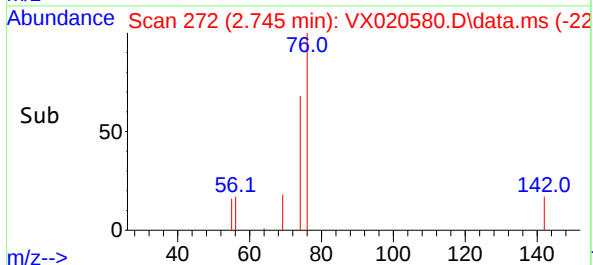
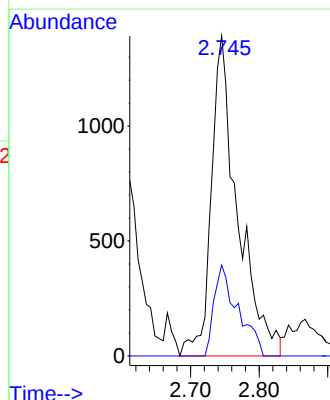
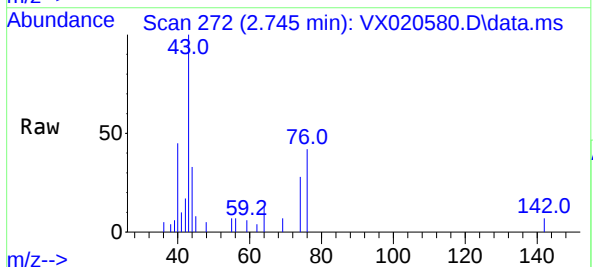
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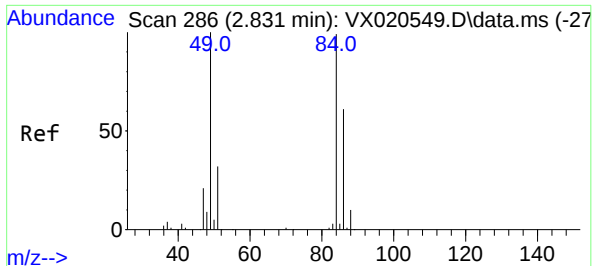
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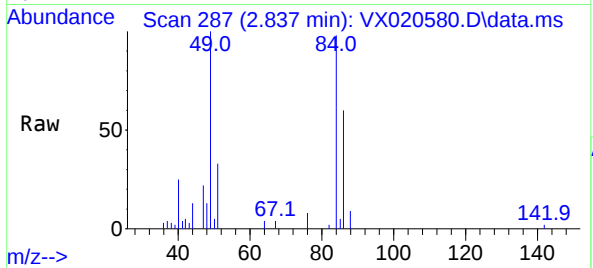
#18
Methyl Acetate
Concen: 1.60 ug/l
RT: 2.745 min Scan# 272
Delta R.T. 0.000 min
Lab File: VX020580.D
Acq: 12 Jan 2021 15:22

Tgt Ion: 43 Resp: 3731
Ion Ratio Lower Upper
43 100
74 25.5 21.9 32.9



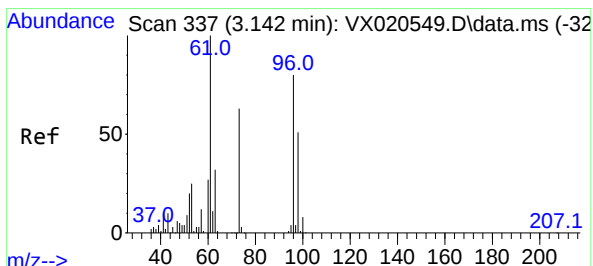
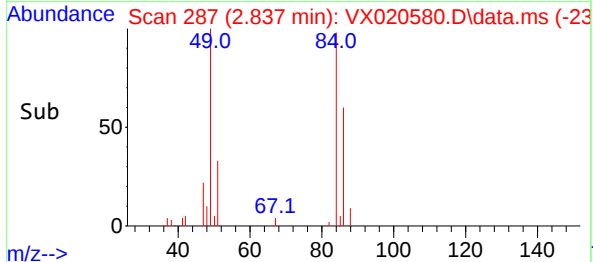
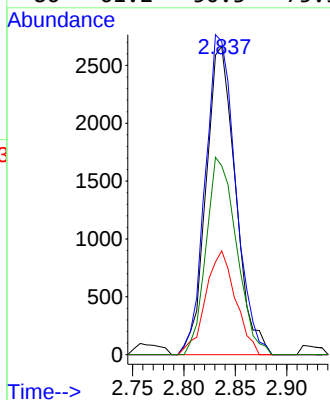


#20
Methylene Chloride
Concen: 2.13 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020580.D
Acq: 12 Jan 2021 15:22

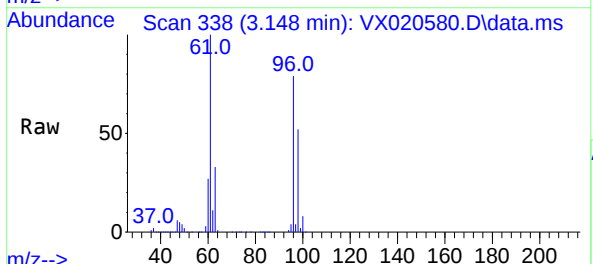


Tgt Ion: 84 Resp: 5309

Ion	Ratio	Lower	Upper
84	100		
49	101.6	88.6	132.8
51	33.7	27.0	40.6
86	61.2	50.3	75.5

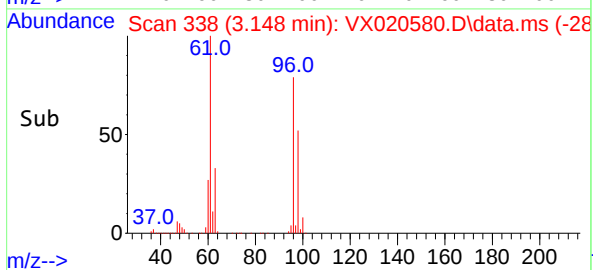
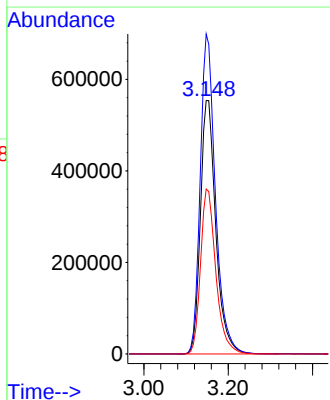


#21
trans-1,2-Dichloroethene
Concen: 598.05 ug/l
RT: 3.148 min Scan# 338
Delta R.T. 0.006 min
Lab File: VX020580.D
Acq: 12 Jan 2021 15:22



Tgt Ion: 96 Resp: 1407458

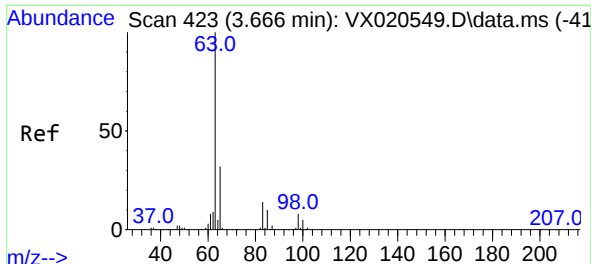
Ion	Ratio	Lower	Upper
96	100		
61	126.3	107.7	161.5
98	65.1	50.4	75.6



Instrument :
MSVOA_X
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MW-3

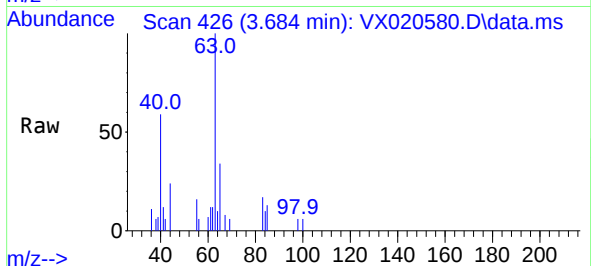
Manual Integrations
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#24
1,1-Dichloroethane
Concen: 1.01 ug/l
RT: 3.684 min Scan# 426
Delta R.T. 0.018 min
Lab File: VX020580.D
Acq: 12 Jan 2021 15:22

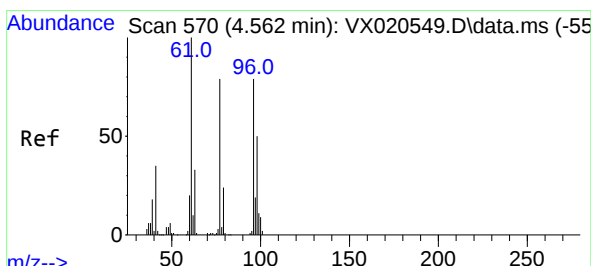
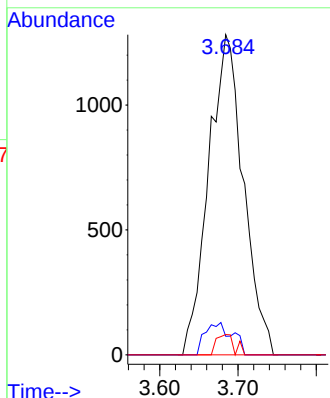
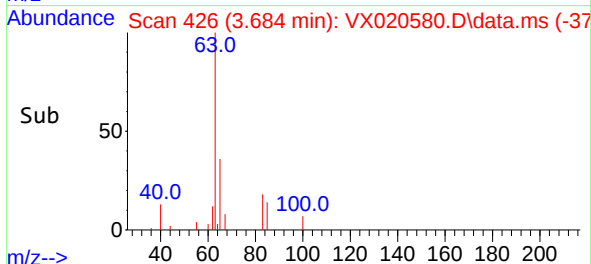
Instrument :
MSVOA_X
ClientSampled :
MW-3



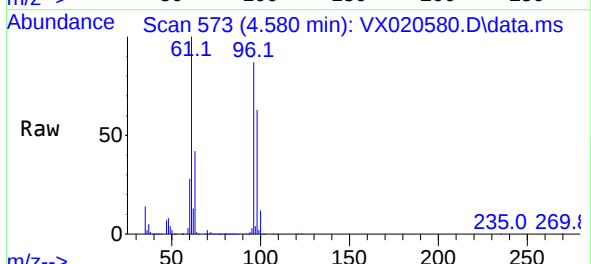
Tgt Ion: 63 Resp: 3953
Ion Ratio Lower Upper
63 100
98 5.8 3.8 11.2
100 6.3 2.5 7.5

Manual Integrations
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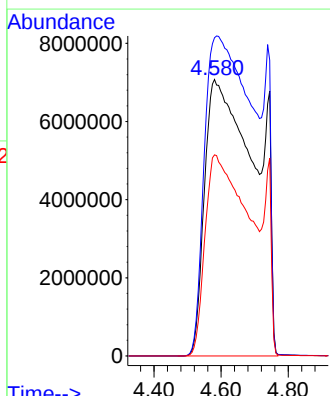
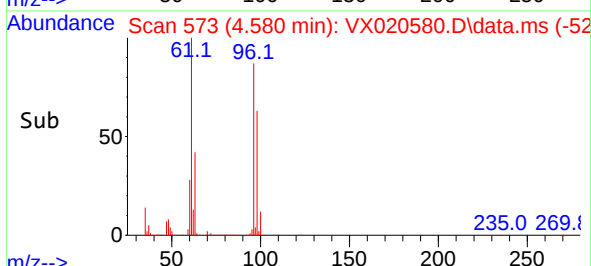
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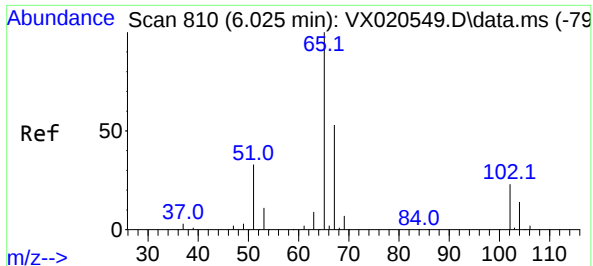


#27
cis-1,2-Dichloroethene
Concen: 28422.02 ug/l m
RT: 4.580 min Scan# 573
Delta R.T. 0.018 min
Lab File: VX020580.D
Acq: 12 Jan 2021 15:22



Tgt Ion: 96 Resp: 74640009
Ion Ratio Lower Upper
96 100
61 103.0 0.0 285.6
98 59.2 0.0 129.6





#33

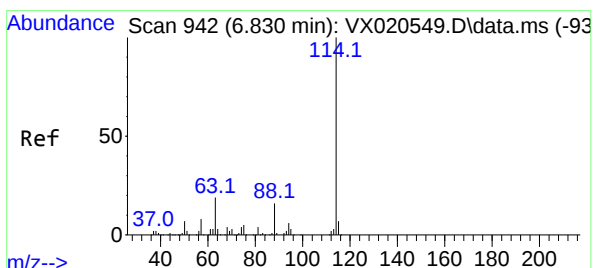
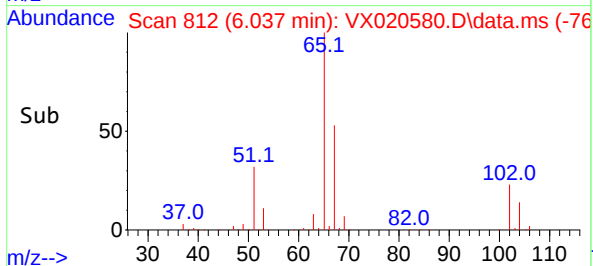
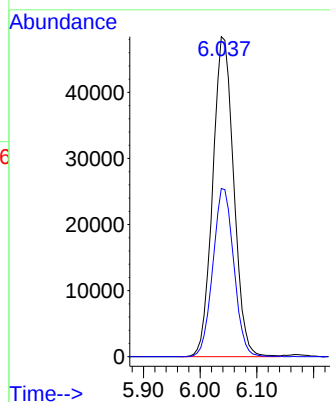
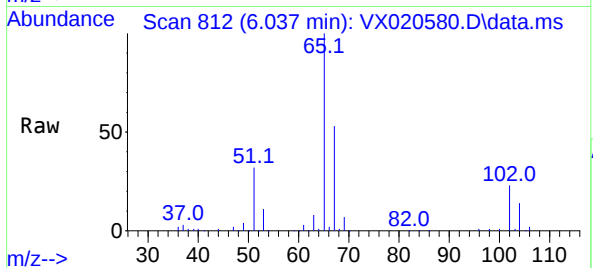
1,2-Dichloroethane-d4
Concen: 47.25 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.012 min
Lab File: VX020580.D
Acq: 12 Jan 2021 15:22

Tgt Ion: 65 Resp: 124542
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.4

Instrument :
MSVOA_X
ClientSampled :
MW-3

Manual Integrations
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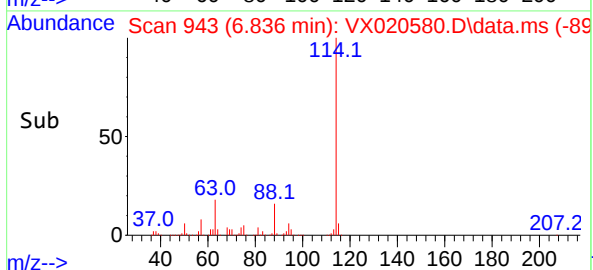
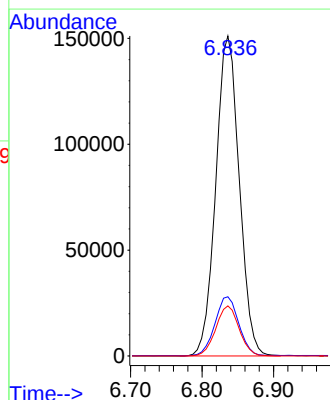
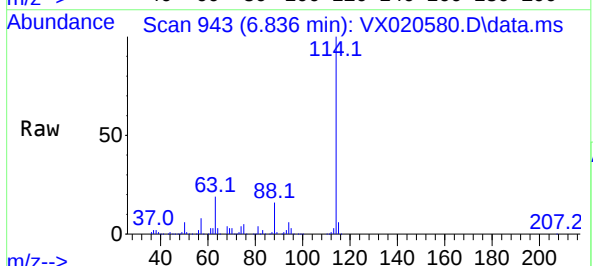
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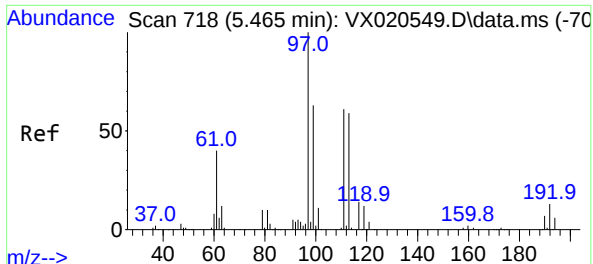


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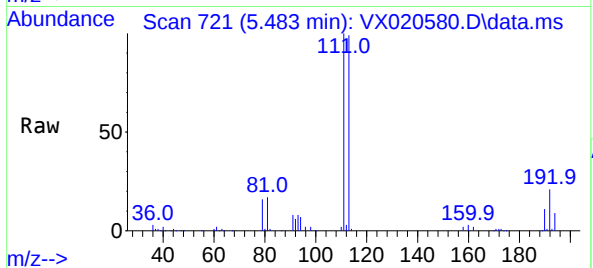
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.836 min Scan# 943
Delta R.T. 0.006 min
Lab File: VX020580.D
Acq: 12 Jan 2021 15:22

Tgt Ion: 114 Resp: 344228
Ion Ratio Lower Upper
114 100
63 18.4 0.0 40.8
88 15.7 0.0 32.8

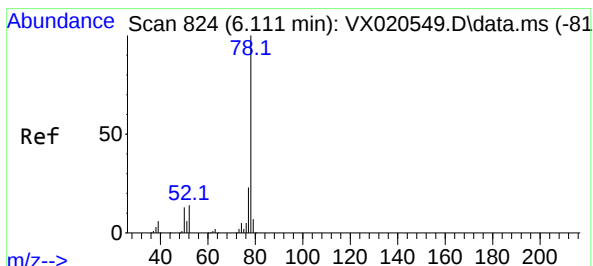
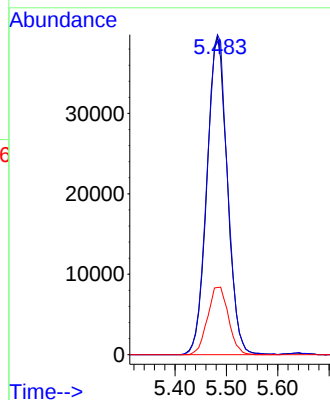
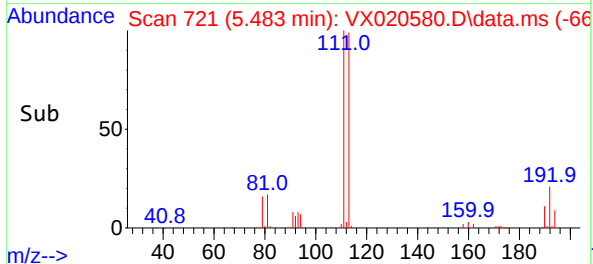




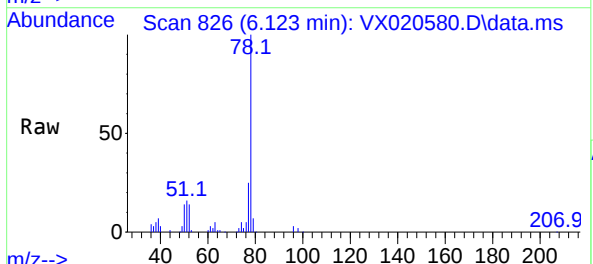
#35
Dibromofluoromethane
Concen: 45.50 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.018 min
Lab File: VX020580.D
Acq: 12 Jan 2021 15:22



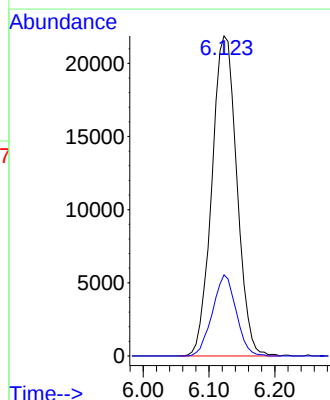
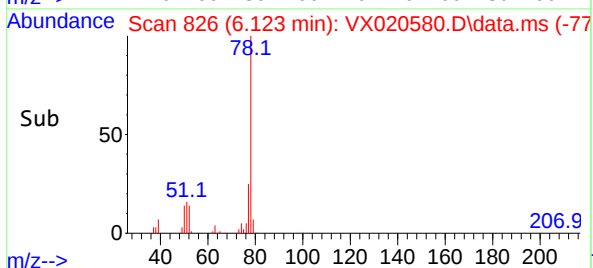
Tgt Ion:113 Resp: 108523
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 21.8 16.7 25.1



#40
Benzene
Concen: 6.13 ug/l
RT: 6.123 min Scan# 826
Delta R.T. 0.012 min
Lab File: VX020580.D
Acq: 12 Jan 2021 15:22



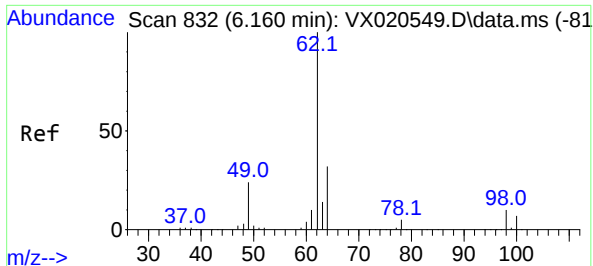
Tgt Ion: 78 Resp: 57929
Ion Ratio Lower Upper
78 100
77 25.4 18.9 28.3



Instrument :
MSVOA_X
ClientSampled :
MW-3

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1/13/2021 4:38:35 PM



#42

1,2-Dichloroethane

Concen: 5.05 ug/l

RT: 6.165 min Scan# 833

Delta R.T. 0.005 min

Lab File: VX020580.D

Acq: 12 Jan 2021 15:22

Tgt Ion: 62 Resp: 17022

Ion Ratio Lower Upper

62 100

98 10.3 0.0 20.2

Instrument :

MSVOA_X

ClientSampleId :

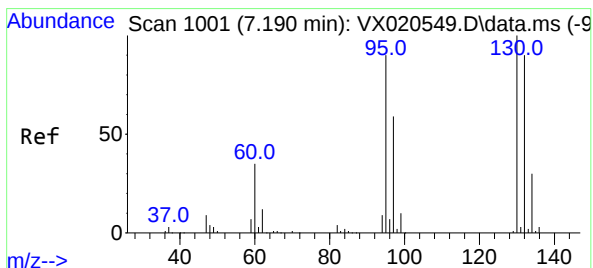
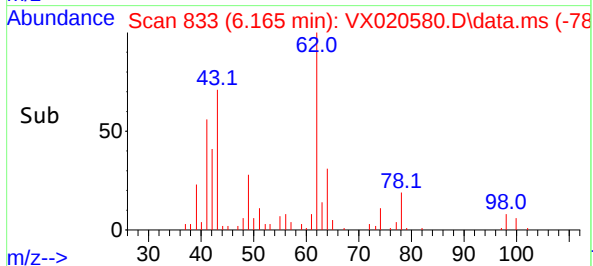
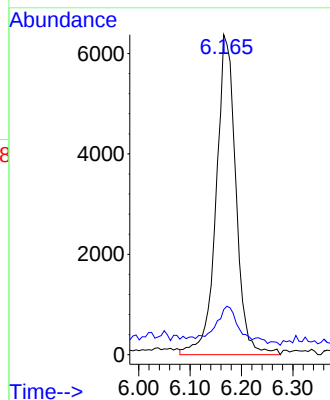
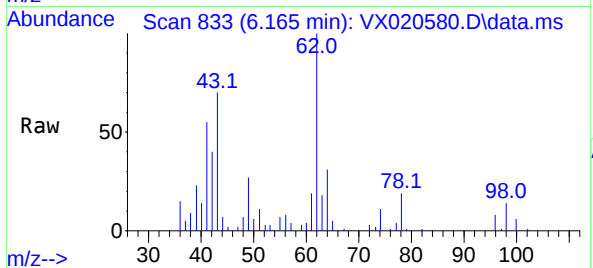
MW-3

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1/13/2021 4:38:35 PM



#44

Trichloroethene

Concen: 333.10 ug/l

RT: 7.190 min Scan# 1001

Delta R.T. -0.000 min

Lab File: VX020580.D

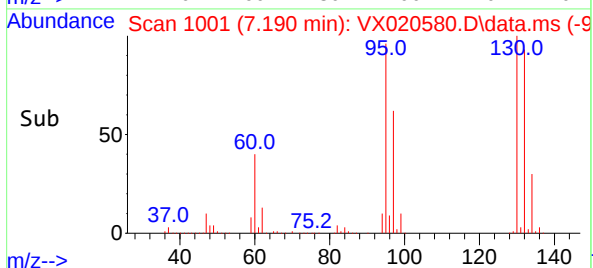
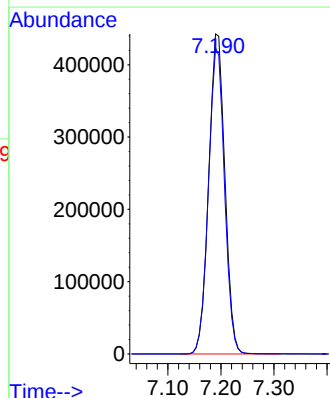
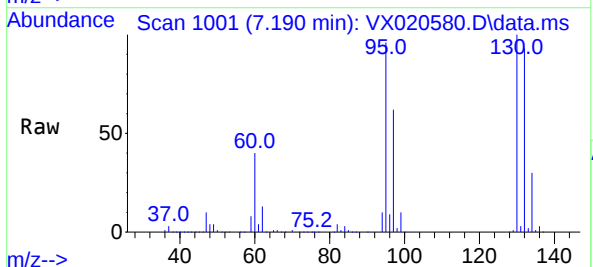
Acq: 12 Jan 2021 15:22

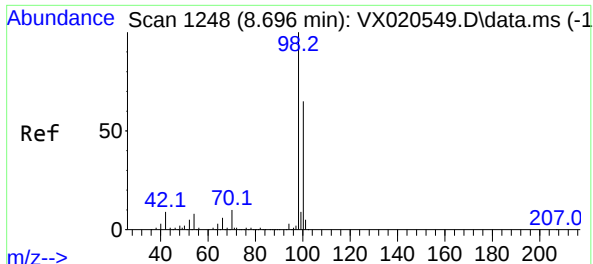
Tgt Ion:130 Resp: 935705

Ion Ratio Lower Upper

130 100

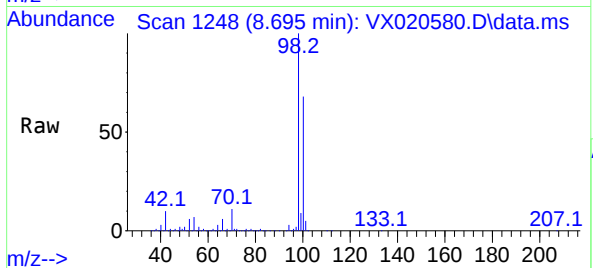
95 95.5 0.0 198.0





#50
Toluene-d8
Concen: 48.57 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. -0.001 min
Lab File: VX020580.D
Acq: 12 Jan 2021 15:22

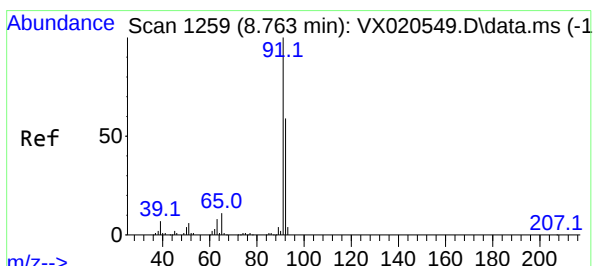
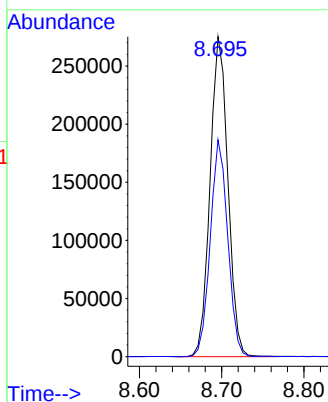
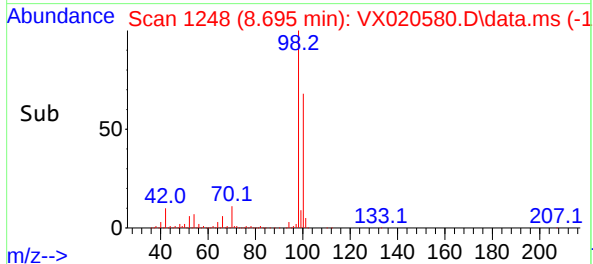
Instrument :
MSVOA_X
ClientSampled :
MW-3



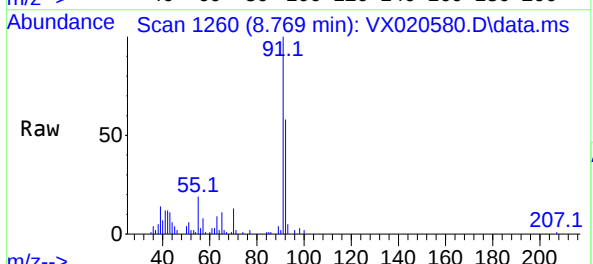
Tgt Ion: 98 Resp: 414507
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9

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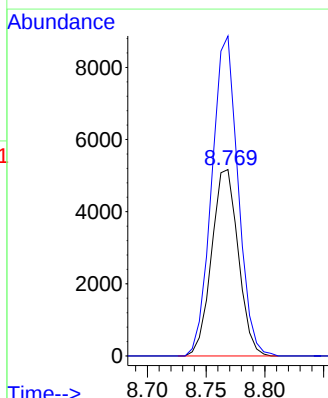
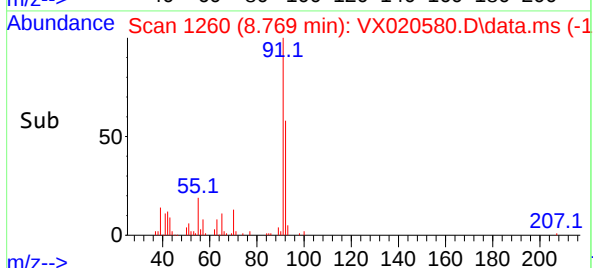
MMDadoda
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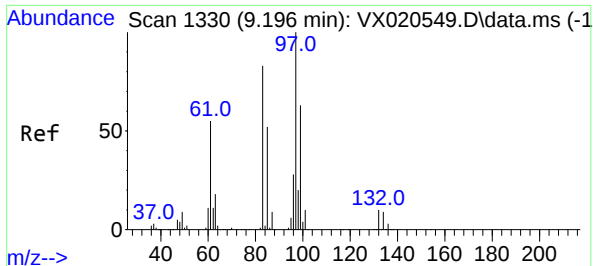


#52
Toluene
Concen: 1.36 ug/l
RT: 8.769 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VX020580.D
Acq: 12 Jan 2021 15:22



Tgt Ion: 92 Resp: 8153
Ion Ratio Lower Upper
92 100
91 169.1 137.1 205.7





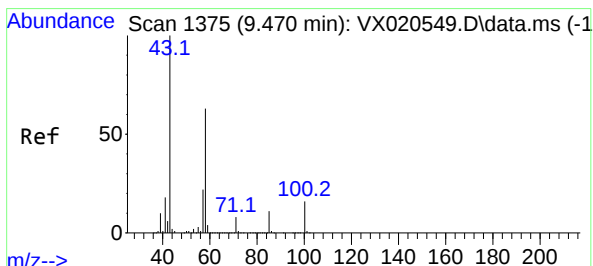
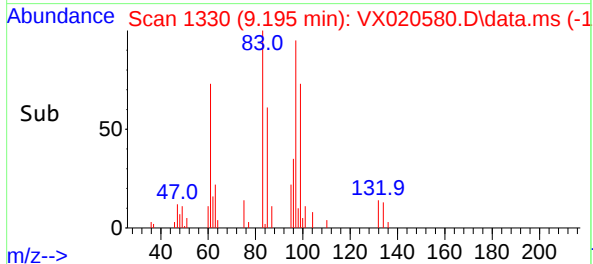
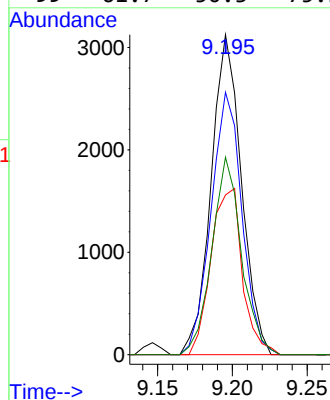
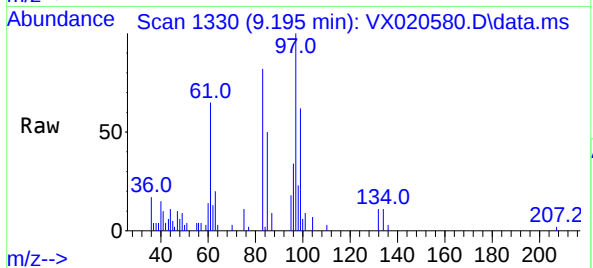
#55
1,1,2-Trichloroethane
Concen: 1.73 ug/l
RT: 9.195 min Scan# 1330
Delta R.T. -0.001 min
Lab File: VX020580.D
Acq: 12 Jan 2021 15:22

Tgt Ion: 97	Resp: 4404
Ion Ratio	Lower Upper
97 100	
83 82.0	69.3 103.9
85 49.9	44.3 66.5
99 61.7	50.3 75.5

Instrument :
MSVOA_X
ClientSampled :
MW-3

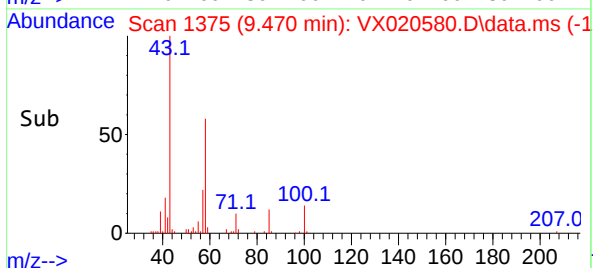
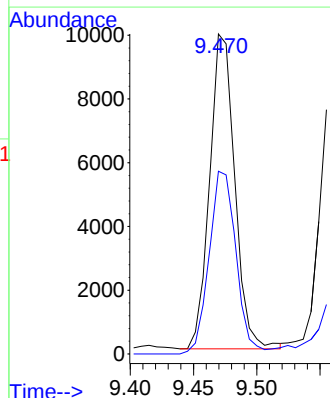
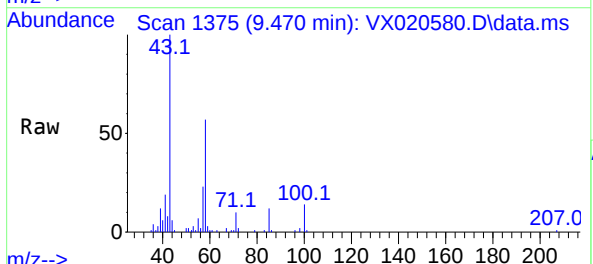
Manual Integrations
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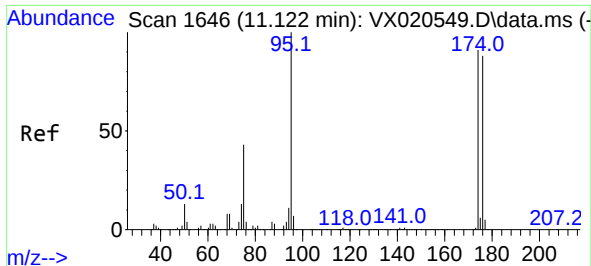
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#59
2-Hexanone
Concen: 6.64 ug/l
RT: 9.470 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VX020580.D
Acq: 12 Jan 2021 15:22

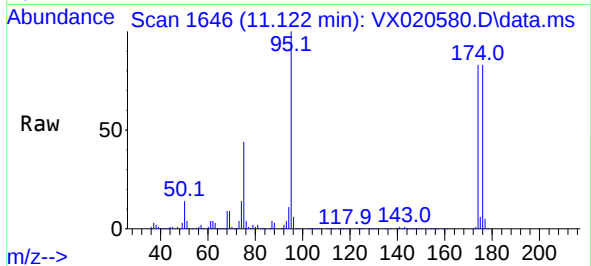
Tgt Ion: 43	Resp: 13672
Ion Ratio	Lower Upper
43 100	
58 61.8	30.9 92.8





#62
4-Bromofluorobenzene
Concen: 54.63 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020580.D
Acq: 12 Jan 2021 15:22

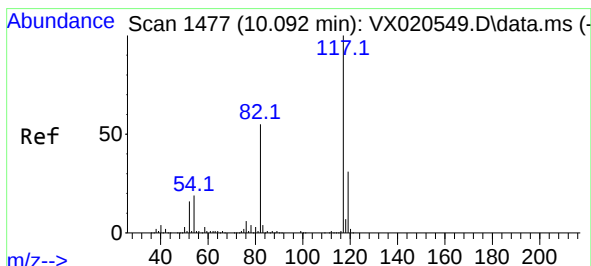
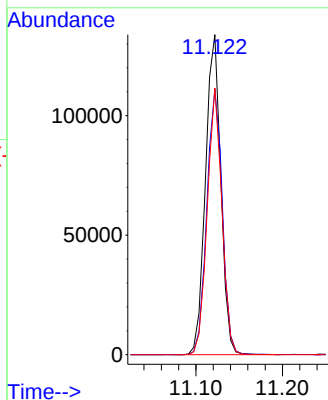
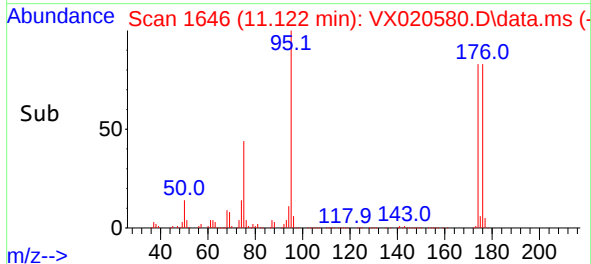
Instrument :
MSVOA_X
ClientSampled :
MW-3



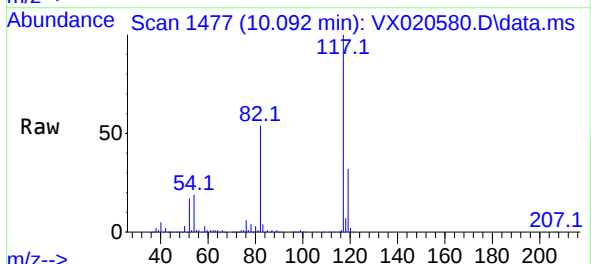
Tgt Ion: 95 Resp: 164661
Ion Ratio Lower Upper
95 100
174 83.8 0.0 154.6
176 79.6 0.0 155.8

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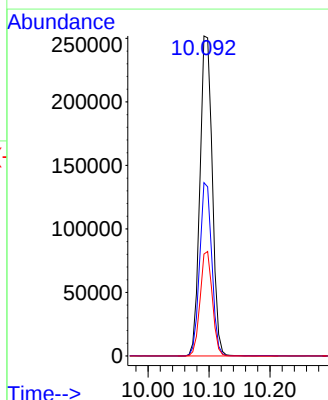
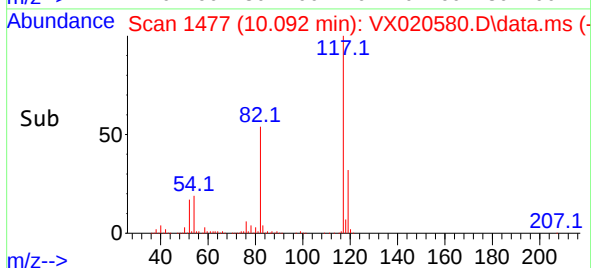
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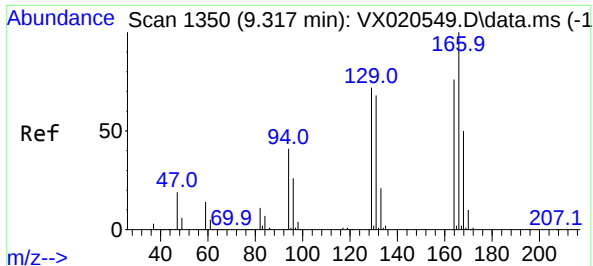


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020580.D
Acq: 12 Jan 2021 15:22

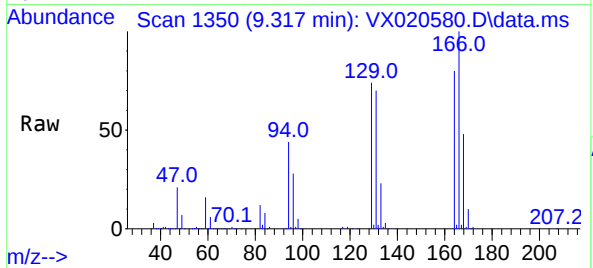


Tgt Ion: 117 Resp: 354319
Ion Ratio Lower Upper
117 100
82 54.2 47.4 71.2
119 31.8 26.6 39.8

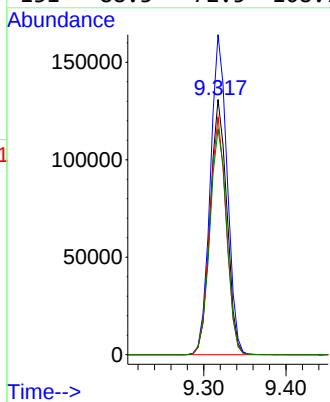
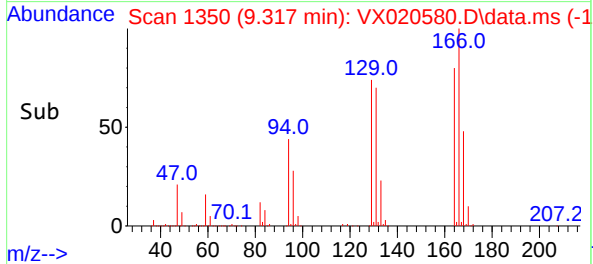




#64
Tetrachloroethene
Concen: 57.90 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020580.D
Acq: 12 Jan 2021 15:22



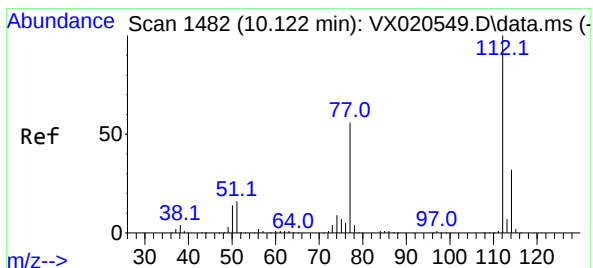
Tgt Ion:164 Resp: 185307
Ion Ratio Lower Upper
164 100
166 125.4 103.4 155.2
129 93.0 70.8 106.2
131 88.3 72.5 108.7



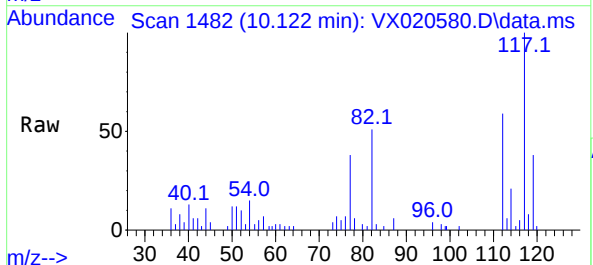
Instrument :
MSVOA_X
ClientSampled :
MW-3

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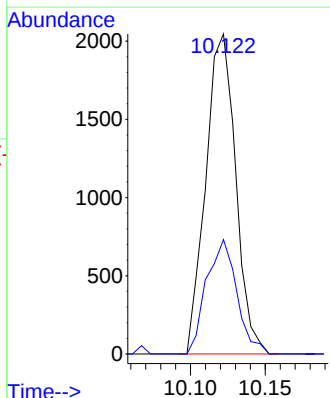
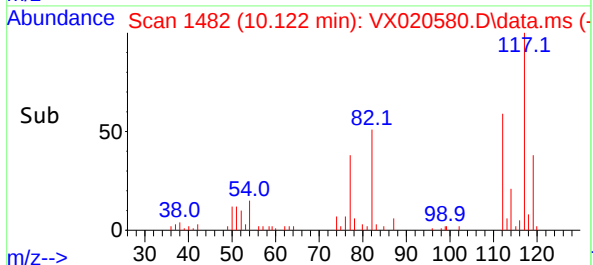
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1/13/2021 4:38:35 PM

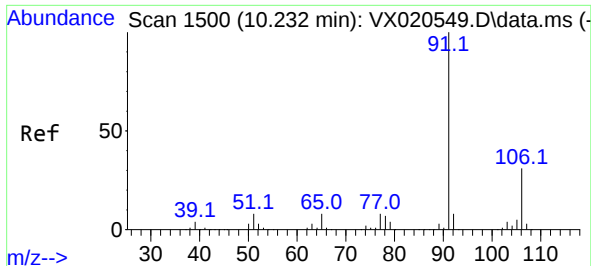


#65
Chlorobenzene
Concen: 0.38 ug/l
RT: 10.122 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VX020580.D
Acq: 12 Jan 2021 15:22



Tgt Ion:112 Resp: 2848
Ion Ratio Lower Upper
112 100
114 35.8 25.8 38.6





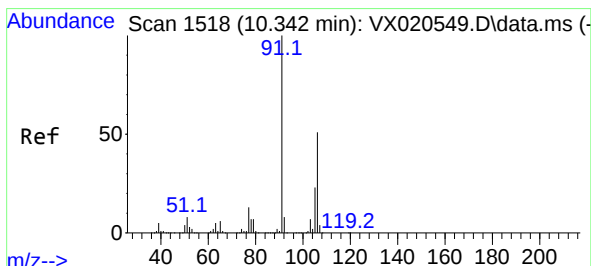
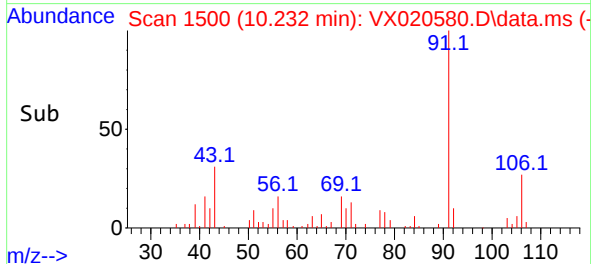
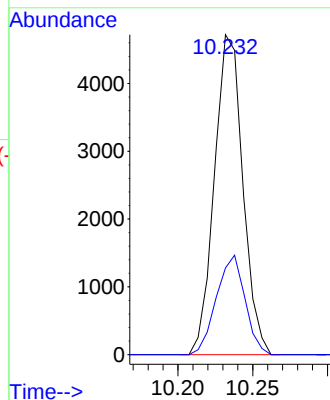
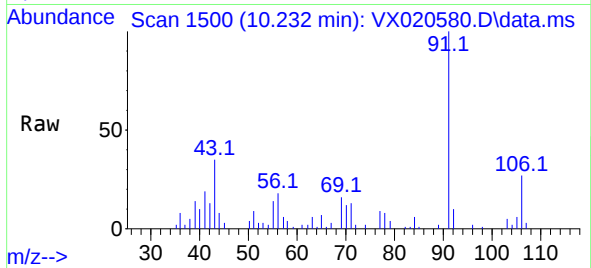
#67
Ethyl Benzene
Concen: 0.51 ug/l
RT: 10.232 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VX020580.D
Acq: 12 Jan 2021 15:22

Instrument :
MSVOA_X
ClientSampled :
MW-3

Tgt Ion: 91 Resp: 6241
Ion Ratio Lower Upper
91 100
106 27.1 24.6 37.0

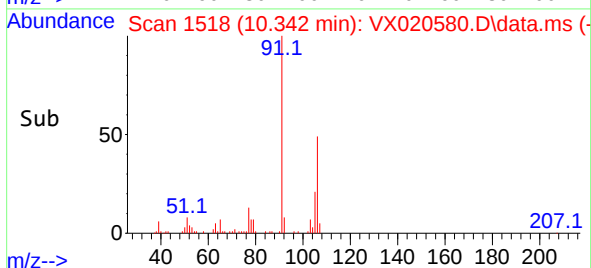
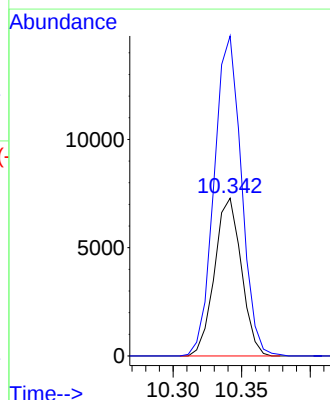
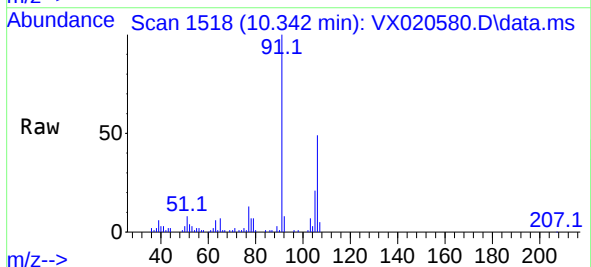
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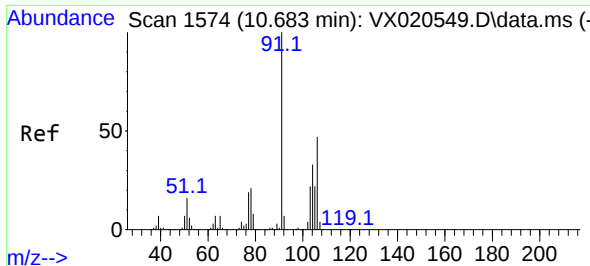
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1/13/2021 4:38:35 PM



#68
m/p-Xylenes
Concen: 2.10 ug/l
RT: 10.342 min Scan# 1518
Delta R.T. -0.001 min
Lab File: VX020580.D
Acq: 12 Jan 2021 15:22

Tgt Ion: 106 Resp: 9912
Ion Ratio Lower Upper
106 100
91 206.4 162.8 244.2





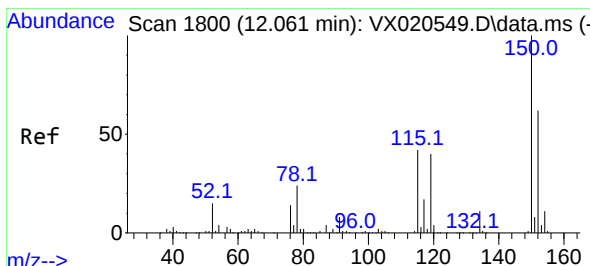
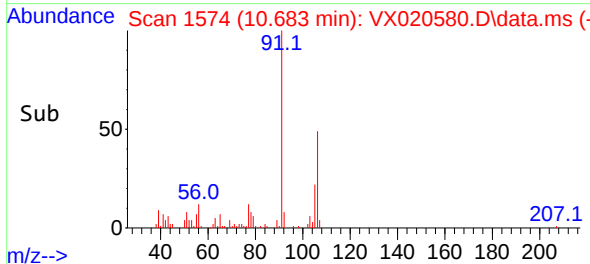
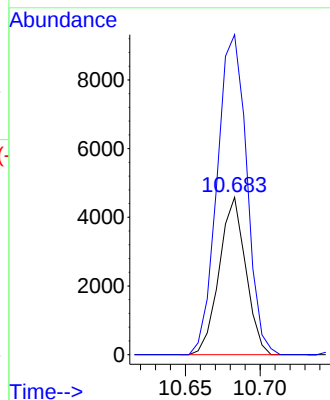
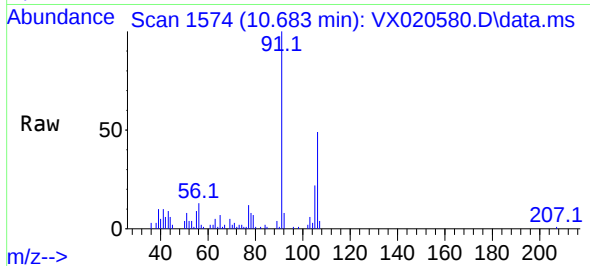
#69
o-Xylene
Concen: 1.29 ug/l
RT: 10.683 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VX020580.D
Acq: 12 Jan 2021 15:22

Tgt Ion:106 Resp: 5643
Ion Ratio Lower Upper
106 100
91 227.0 108.1 324.2

Instrument :
MSVOA_X
ClientSampled :
MW-3

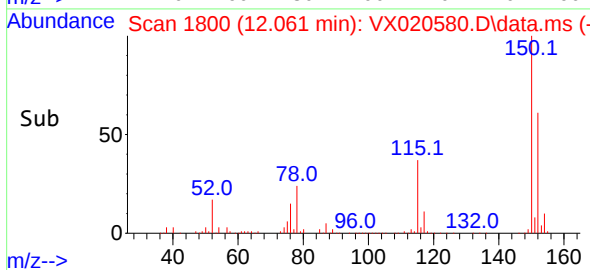
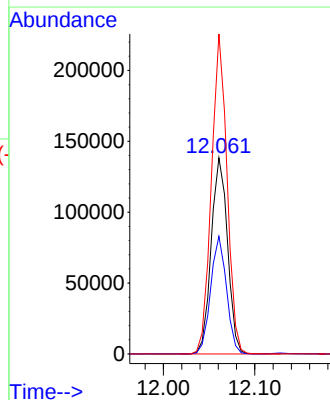
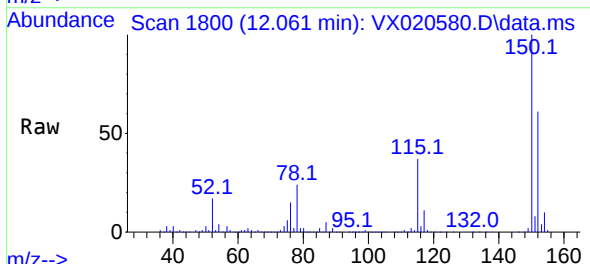
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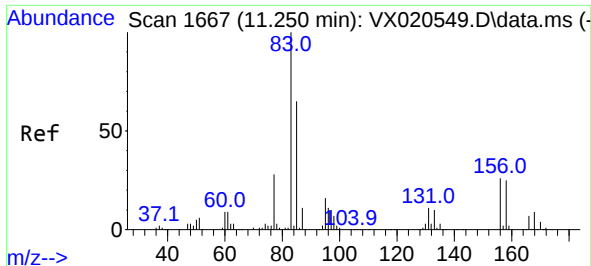
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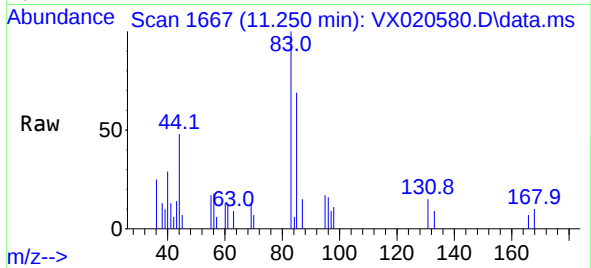
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020580.D
Acq: 12 Jan 2021 15:22

Tgt Ion:152 Resp: 171555
Ion Ratio Lower Upper
152 100
115 58.0 41.1 123.3
150 155.9 0.0 349.0

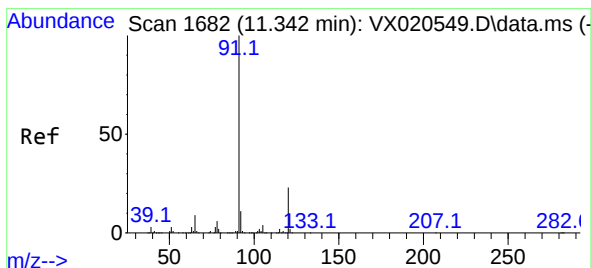
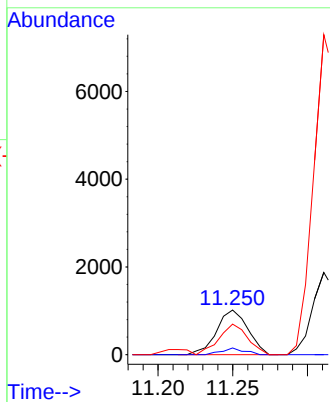
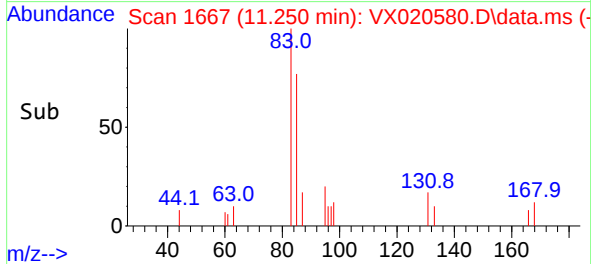




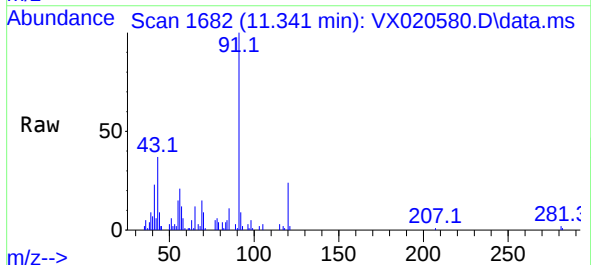
#75
1,1,2,2-Tetrachloroethane
Concen: 0.39 ug/l
RT: 11.250 min Scan# 1667
Delta R.T. -0.000 min
Lab File: VX020580.D
Acq: 12 Jan 2021 15:22



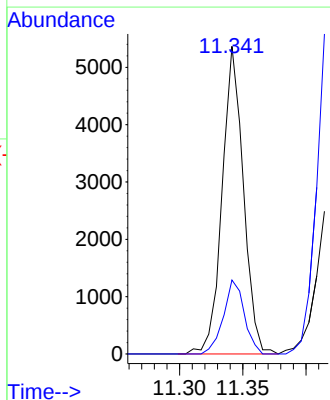
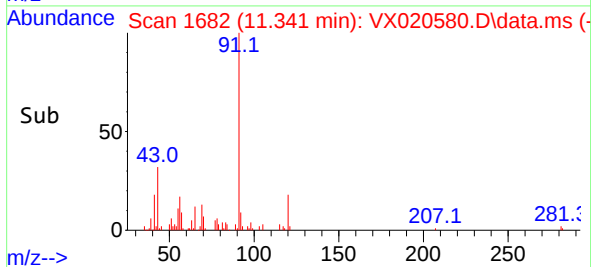
Tgt Ion: 83 Resp: 1476
Ion Ratio Lower Upper
83 100
131 10.8 5.1 15.2
85 62.7 31.8 95.4



#78
n-propylbenzene
Concen: 0.49 ug/l
RT: 11.341 min Scan# 1682
Delta R.T. -0.001 min
Lab File: VX020580.D
Acq: 12 Jan 2021 15:22



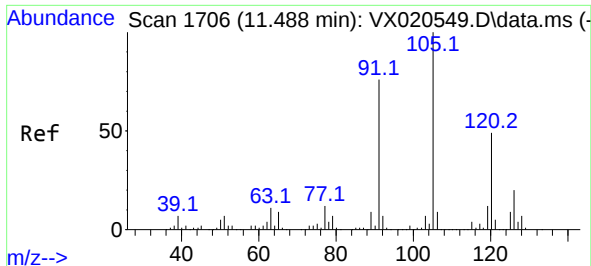
Tgt Ion: 91 Resp: 6253
Ion Ratio Lower Upper
91 100
120 23.6 11.5 34.5



Instrument :
MSVOA_X
ClientSampleId :
MW-3

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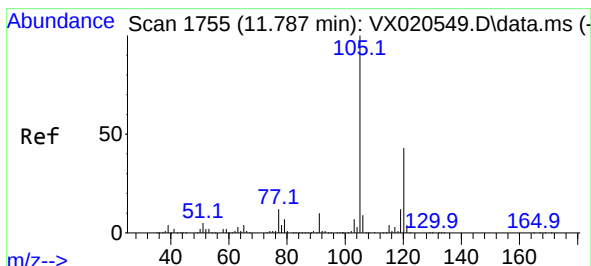
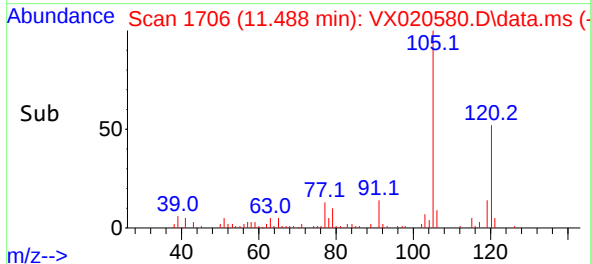
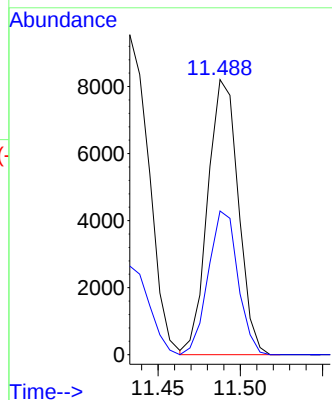
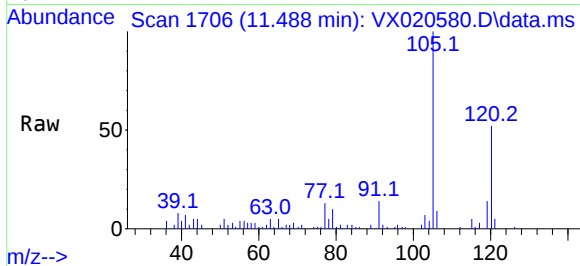
#80
1,3,5-Trimethylbenzene
Concen: 1.10 ug/l
RT: 11.488 min Scan# 1706
Delta R.T. -0.000 min
Lab File: VX020580.D
Acq: 12 Jan 2021 15:22

Tgt Ion:105 Resp: 10632
Ion Ratio Lower Upper
105 100
120 50.7 23.8 71.5

Instrument :
MSVOA_X
ClientSampled :
MW-3

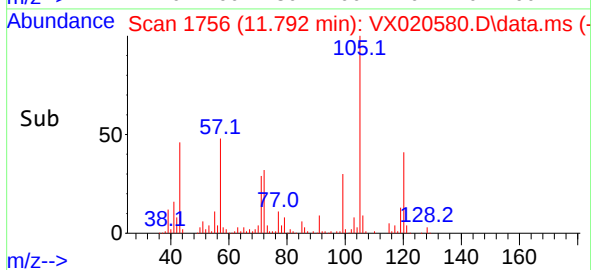
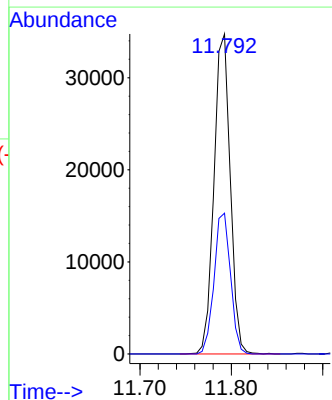
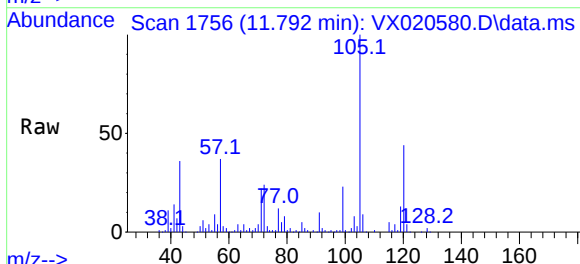
Manual Integrations
APPROVED

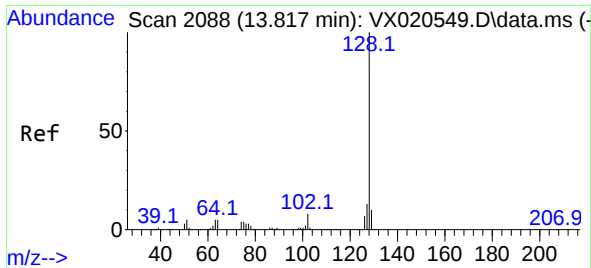
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 4.43 ug/l
RT: 11.792 min Scan# 1756
Delta R.T. 0.005 min
Lab File: VX020580.D
Acq: 12 Jan 2021 15:22

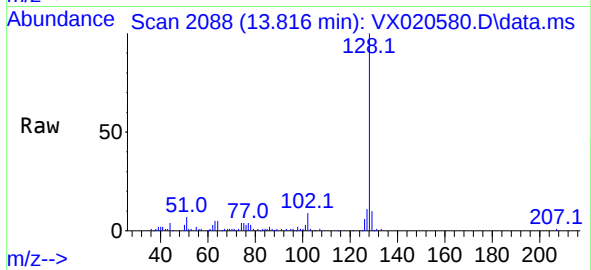
Tgt Ion:105 Resp: 42890
Ion Ratio Lower Upper
105 100
120 44.5 22.4 67.3





#95
Naphthalene
Concen: 5.23 ug/l
RT: 13.816 min Scan# 2088
Delta R.T. -0.001 min
Lab File: VX020580.D
Acq: 12 Jan 2021 15:22

Instrument :
MSVOA_X
ClientSampleId :
MW-3



Tgt Ion:	128	Resp:	19000
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	11.9	8.8	13.2

Manual Integrations
APPROVED

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