

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011221\
 Data File : VX020581.D
 Acq On : 12 Jan 2021 15:45
 Operator : JC/MD
 Sample : M1083-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6

Manual Integrations
 APPROVED

MMDadoda
 1/13/2021 4:38:37 PM

Quant Time: Jan 13 00:27:22 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	5.629	168	201254	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	315700	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	302240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	152173	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	118334	48.95	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.90%
35) Dibromofluoromethane	5.464	113	107031	48.93	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.86%
50) Toluene-d8	8.695	98	376618	48.12	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.24%
62) 4-Bromofluorobenzene	11.122	95	142400	51.52	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.04%
Target Compounds						Qvalue
3) Chloromethane	1.313	50	797	0.43	ug/l	93
4) Vinyl Chloride	1.392	62	127452	60.50	ug/l	100
12) 1,1-Dichloroethene	2.355	96	1262	0.66	ug/l #	84
16) Acetone	2.416	43	11451	10.08	ug/l	97
17) Carbon Disulfide	2.556	76	5354	1.01	ug/l	96
21) trans-1,2-Dichloroethene	3.142	96	2882	1.34	ug/l	83
27) cis-1,2-Dichloroethene	4.562	96	962557	399.67	ug/l	84
44) Trichloroethene	7.190	130	7253	2.82	ug/l	96
52) Toluene	8.763	92	2013	0.37	ug/l	98
59) 2-Hexanone	9.470	43	8390	4.44	ug/l	93
64) Tetrachloroethene	9.317	164	18627	6.82	ug/l	95
67) Ethyl Benzene	10.232	91	9958	0.95	ug/l	98
68) m/p-Xylenes	10.335	106	17706	4.39	ug/l	97
69) o-Xylene	10.683	106	9532	2.56	ug/l	96
73) Isopropylbenzene	11.000	105	3898	0.38	ug/l	96
78) n-propylbenzene	11.341	91	12198	1.08	ug/l	98
80) 1,3,5-Trimethylbenzene	11.488	105	25077	2.92	ug/l	99
84) 1,2,4-Trimethylbenzene	11.793	105	92209	10.73	ug/l	99
85) sec-Butylbenzene	11.927	105	5962	0.62	ug/l	83
86) p-Isopropyltoluene	12.049	119	4318m	0.48	ug/l	
95) Naphthalene	13.817	128	66090	9.26	ug/l	97

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

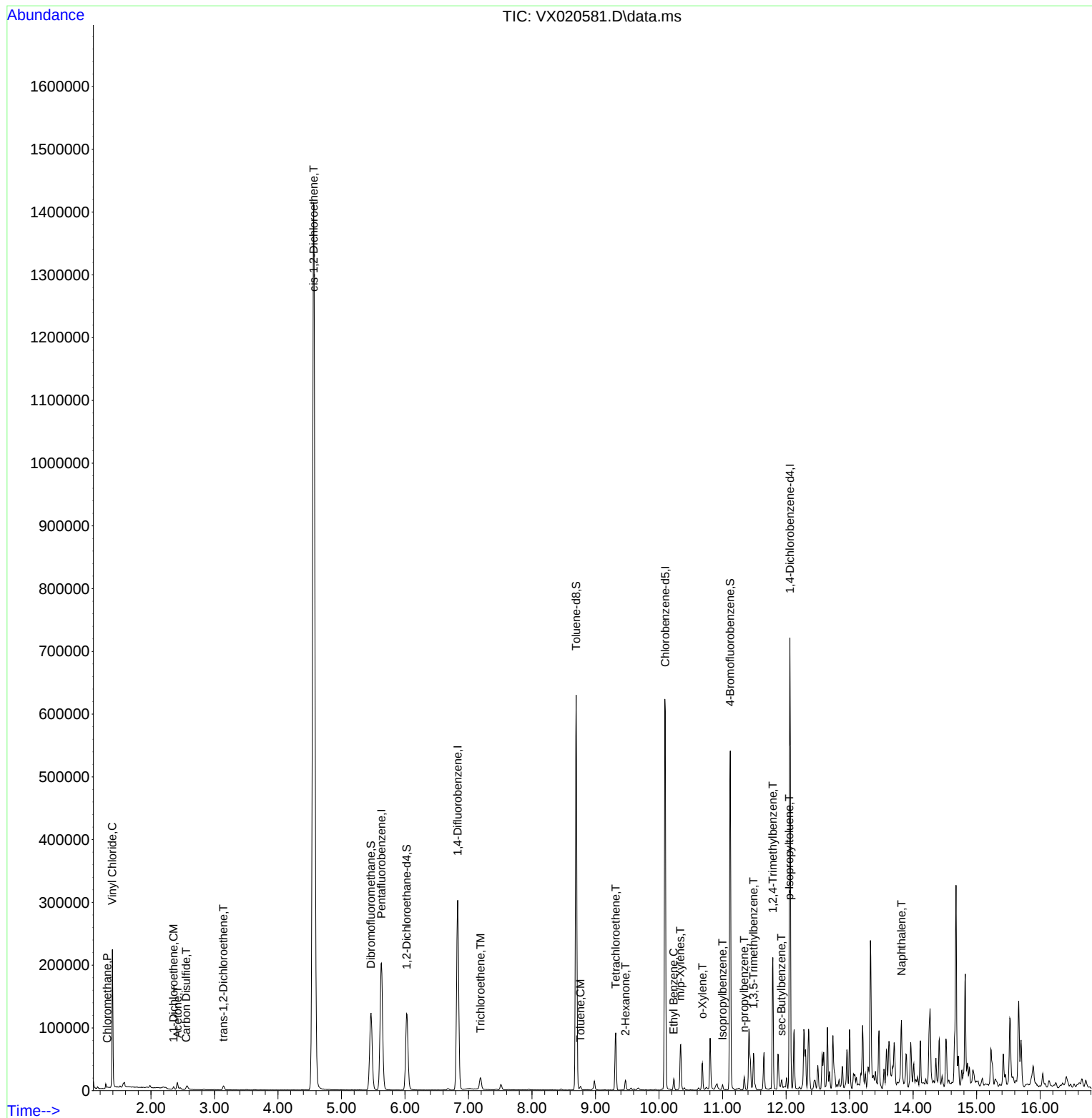
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011221\
Data File : VX020581.D
Acq On : 12 Jan 2021 15:45
Operator : JC/MD
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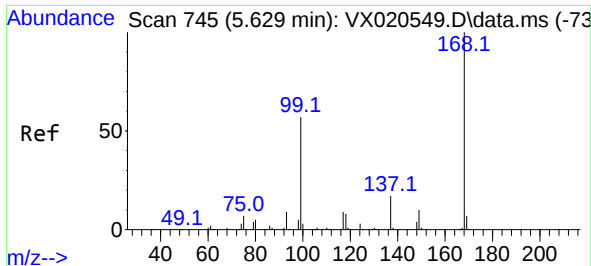
Instrument :
MSVOA_X
ClientSampleId :
MW-6

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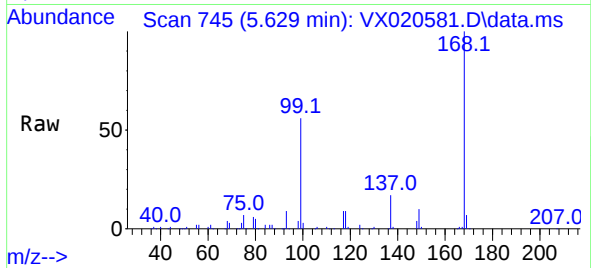
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Quant Time: Jan 13 00:27:22 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 11 15:05:37 2021
Response via : Initial Calibration

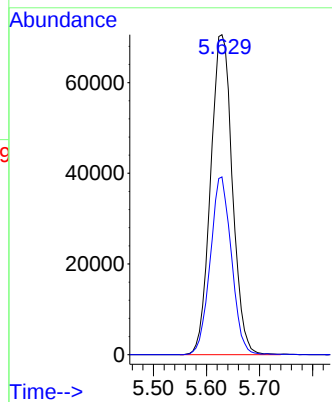
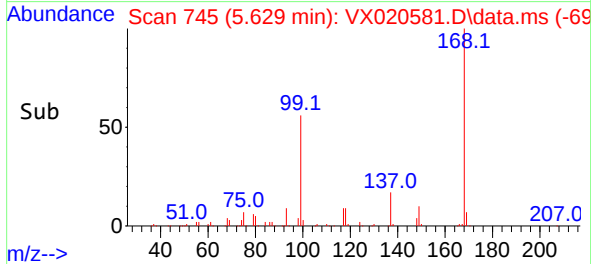




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX020581.D
Acq: 12 Jan 2021 15:45



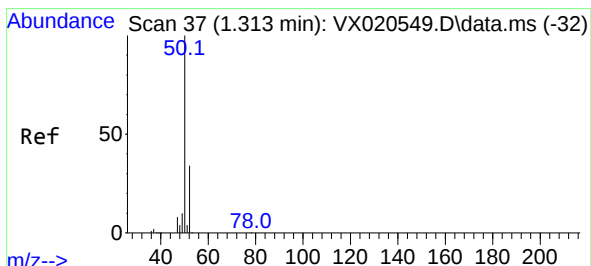
Tgt Ion:168 Resp: 201254
Ion Ratio Lower Upper
168 100
99 55.5 45.8 68.6



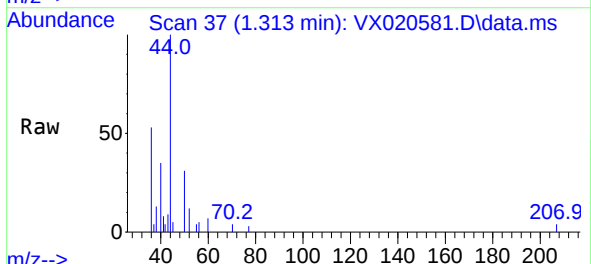
Instrument :
MSVOA_X
ClientSampleId :
MW-6

Manual Integrations
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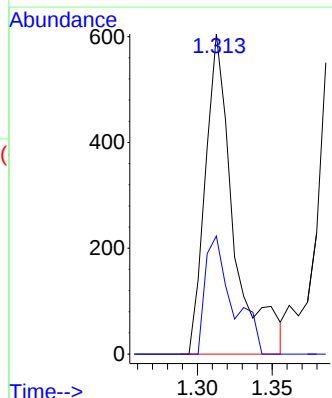
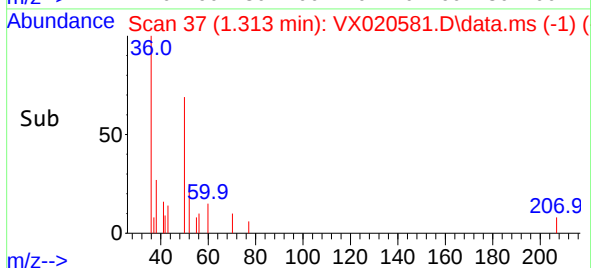
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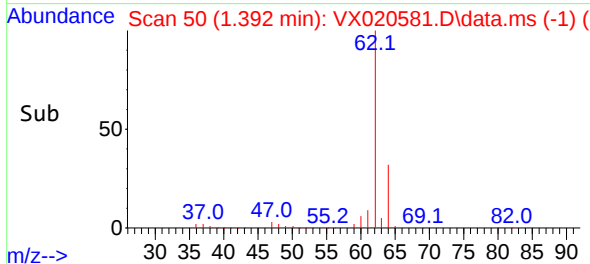
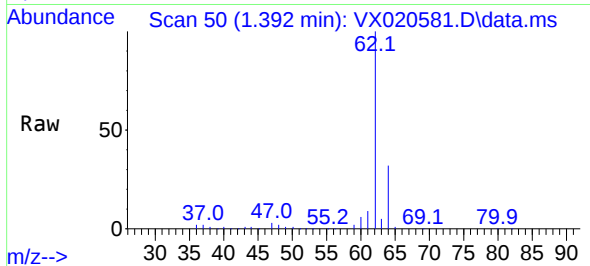
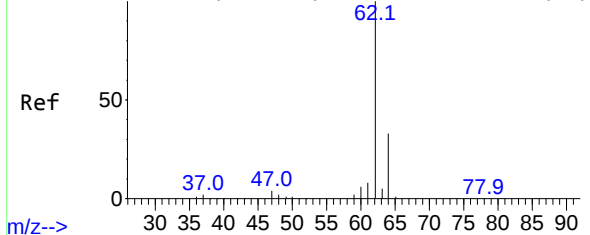
#3
Chloromethane
Concen: 0.43 ug/l
RT: 1.313 min Scan# 37
Delta R.T. -0.000 min
Lab File: VX020581.D
Acq: 12 Jan 2021 15:45



Tgt Ion: 50 Resp: 797
Ion Ratio Lower Upper
50 100
52 36.9 26.4 39.6



Abundance Scan 50 (1.392 min): VX020549.D\data.ms (-45)



#4

Vinyl Chloride

Concen: 60.50 ug/l

RT: 1.392 min Scan# 50

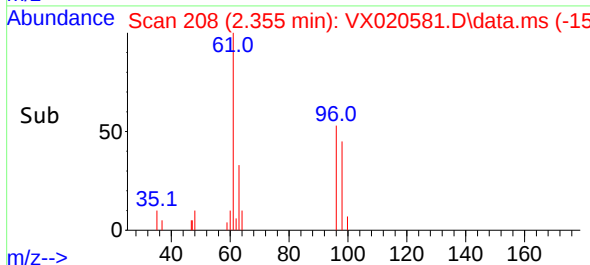
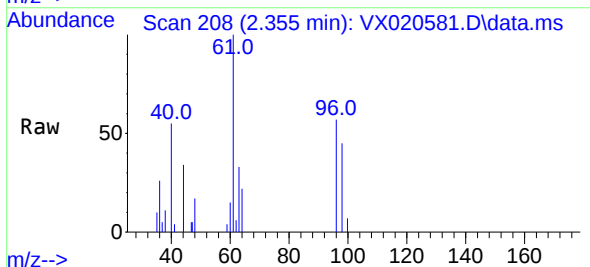
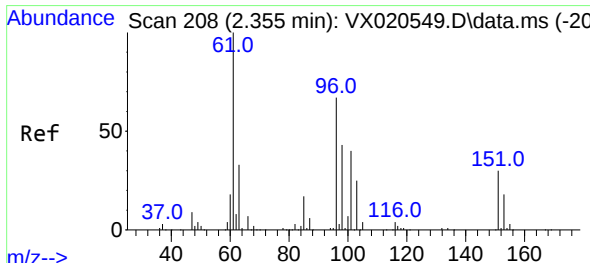
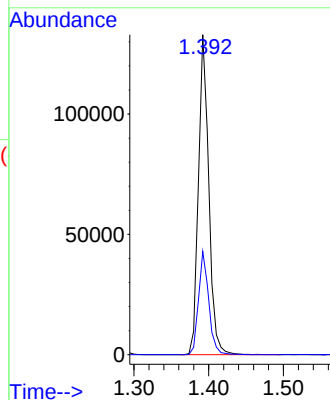
Delta R.T. -0.000 min

Lab File: VX020581.D

Acq: 12 Jan 2021 15:45

Tgt Ion: 62 Resp: 127452

Ion	Ratio	Lower	Upper
62	100		
64	32.3	25.7	38.5



#12

1,1-Dichloroethene

Concen: 0.66 ug/l

RT: 2.355 min Scan# 208

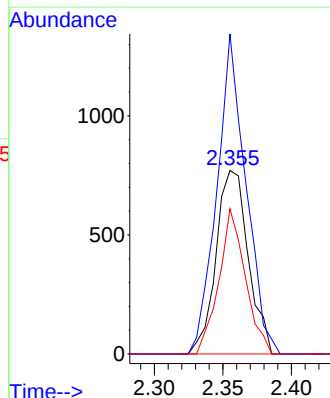
Delta R.T. 0.000 min

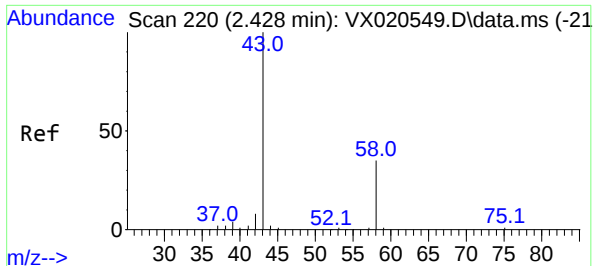
Lab File: VX020581.D

Acq: 12 Jan 2021 15:45

Tgt Ion: 96 Resp: 1262

Ion	Ratio	Lower	Upper
96	100		
61	174.3	124.6	187.0
98	79.1	50.6	76.0





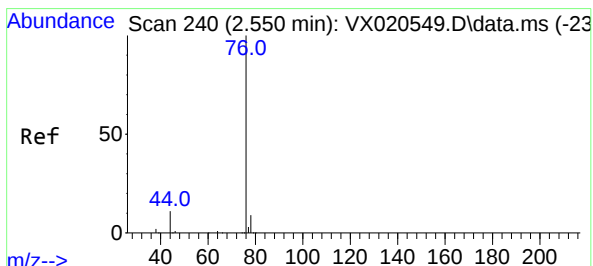
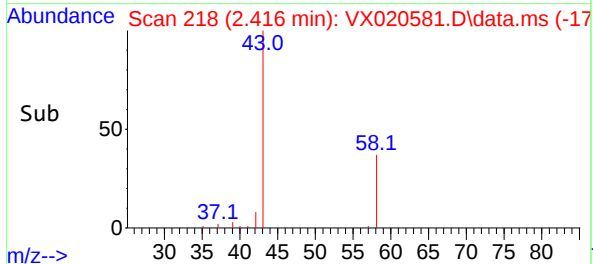
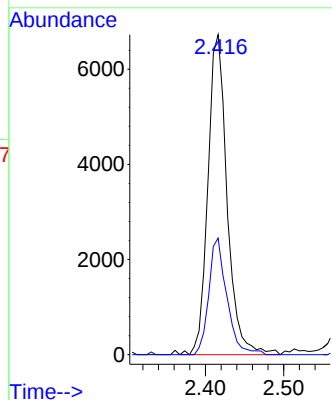
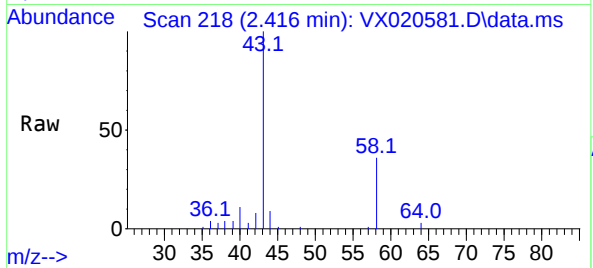
#16
Acetone
Concen: 10.08 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.012 min
Lab File: VX020581.D
Acq: 12 Jan 2021 15:45

Tgt Ion: 43 Resp: 11451
Ion Ratio Lower Upper
43 100
58 36.4 27.8 41.8

Instrument :
MSVOA_X
ClientSampleId :
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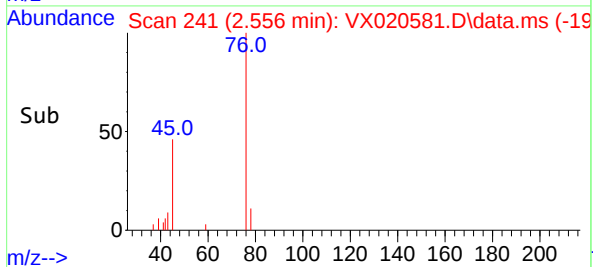
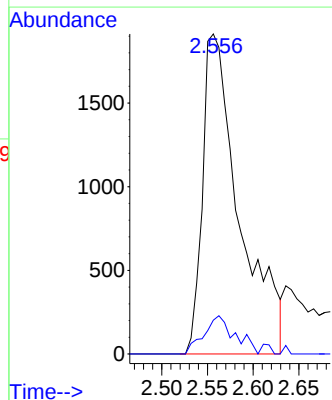
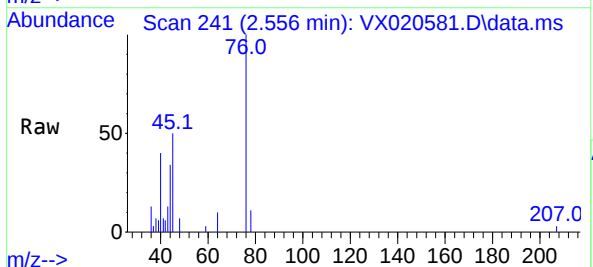
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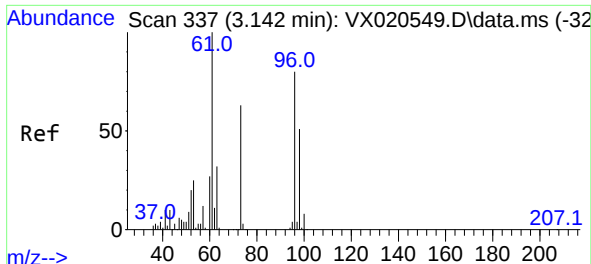
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#17
Carbon Disulfide
Concen: 1.01 ug/l
RT: 2.556 min Scan# 241
Delta R.T. 0.006 min
Lab File: VX020581.D
Acq: 12 Jan 2021 15:45

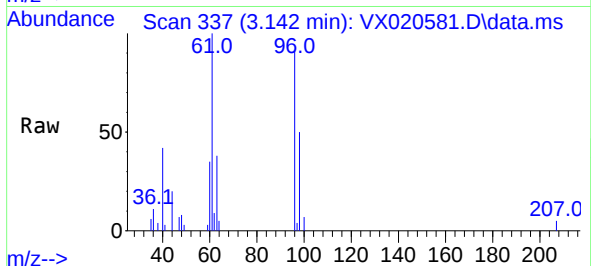
Tgt Ion: 76 Resp: 5354
Ion Ratio Lower Upper
76 100
78 10.6 7.2 10.8





#21
trans-1,2-Dichloroethene
Concen: 1.34 ug/l
RT: 3.142 min Scan# 337
Delta R.T. -0.000 min
Lab File: VX020581.D
Acq: 12 Jan 2021 15:45

Instrument :
MSVOA_X
ClientSampleId :
MW-6

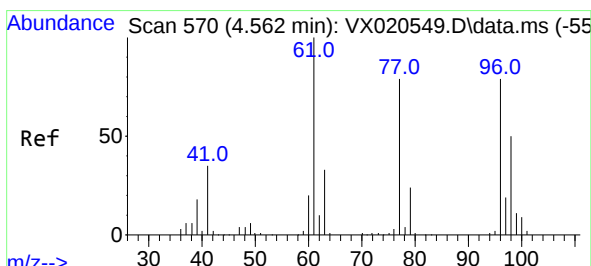
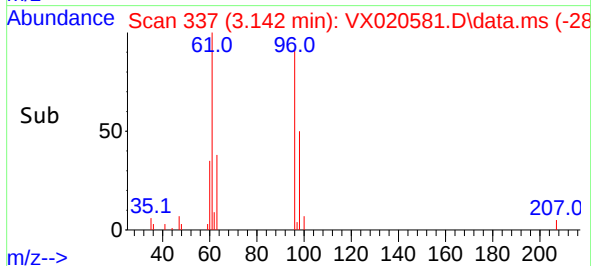
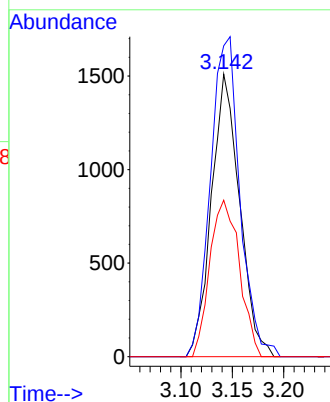


Tgt Ion: 96 Resp: 2882

Ion	Ratio	Lower	Upper
96	100		
61	110.0	107.7	161.5
98	55.4	50.4	75.6

Manual Integrations
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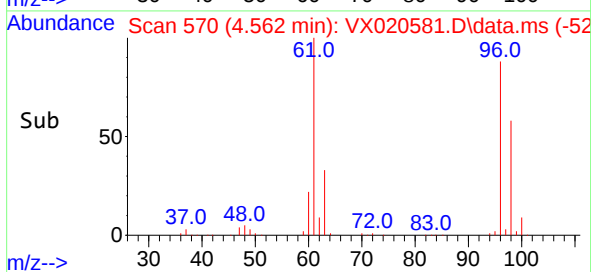
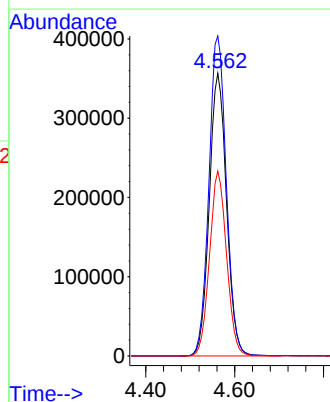
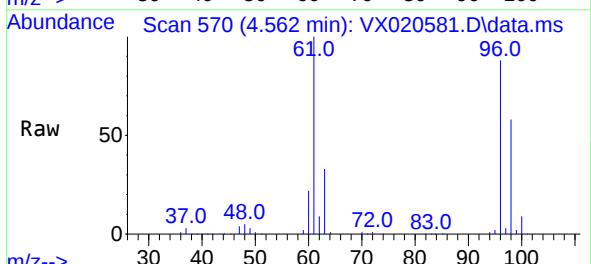
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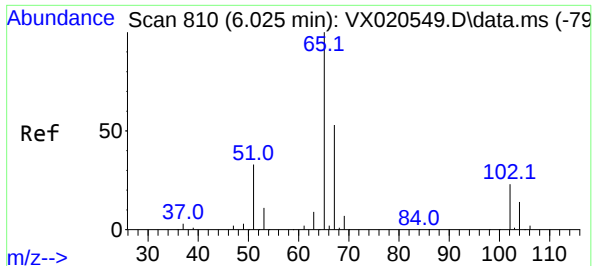


#27
cis-1,2-Dichloroethene
Concen: 399.67 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX020581.D
Acq: 12 Jan 2021 15:45

Tgt Ion: 96 Resp: 962557

Ion	Ratio	Lower	Upper
96	100		
61	114.4	0.0	285.6
98	64.5	0.0	129.6





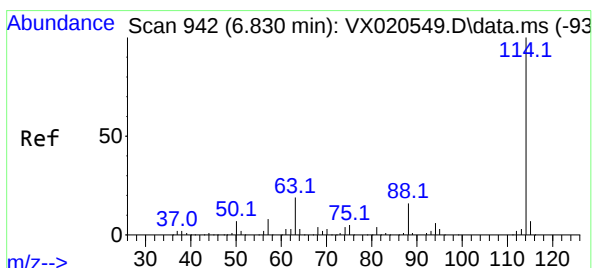
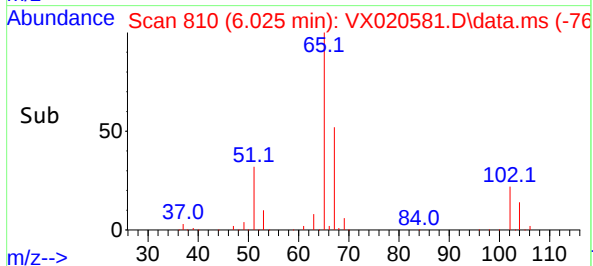
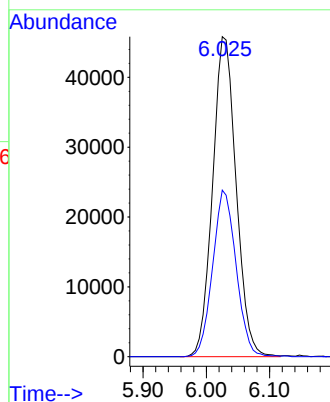
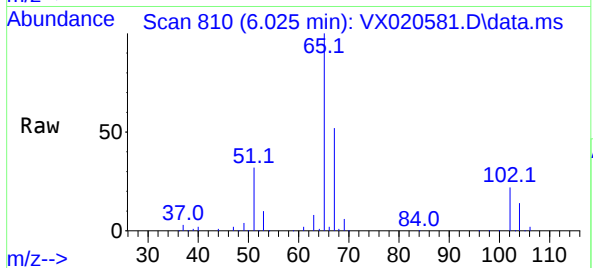
#33
1,2-Dichloroethane-d4
Concen: 48.95 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020581.D
Acq: 12 Jan 2021 15:45

Tgt Ion: 65 Resp: 118334
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.4

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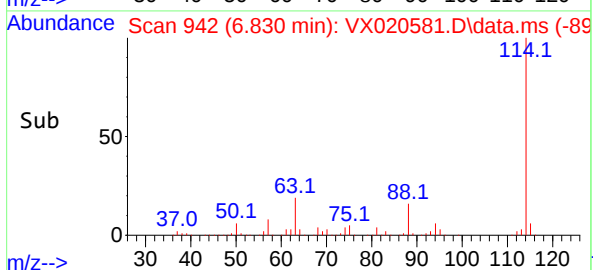
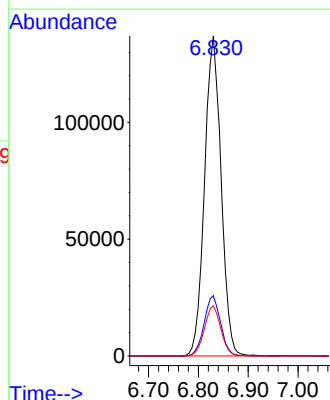
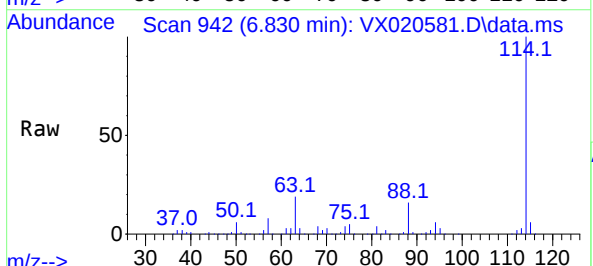
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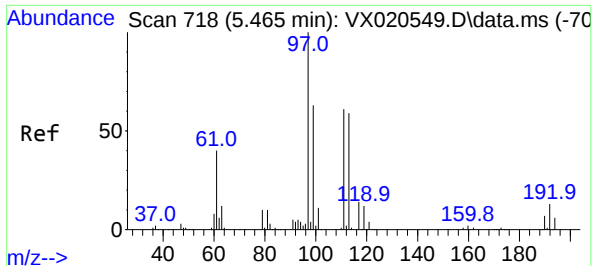
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. -0.000 min
Lab File: VX020581.D
Acq: 12 Jan 2021 15:45

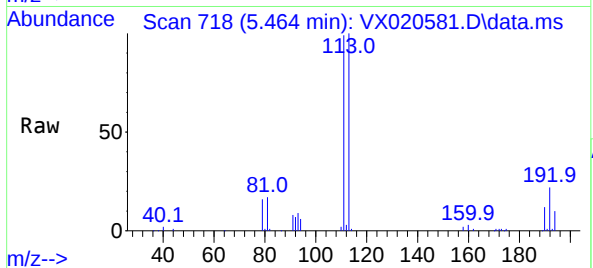
Tgt Ion: 114 Resp: 315700
Ion Ratio Lower Upper
114 100
63 18.8 0.0 40.8
88 15.7 0.0 32.8





#35
Dibromofluoromethane
Concen: 48.93 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.001 min
Lab File: VX020581.D
Acq: 12 Jan 2021 15:45

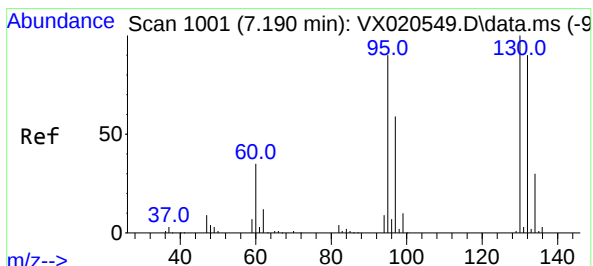
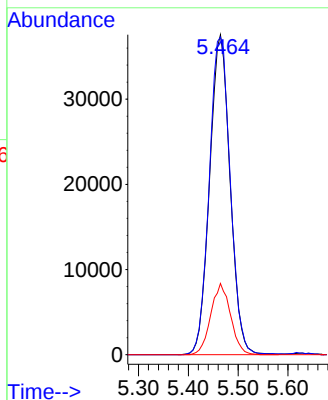
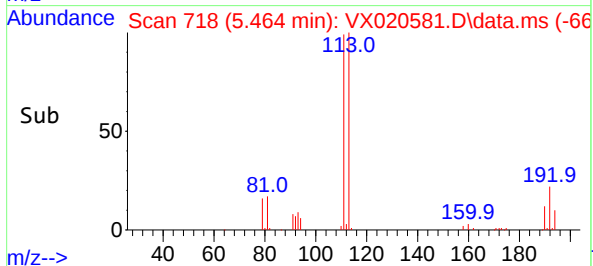
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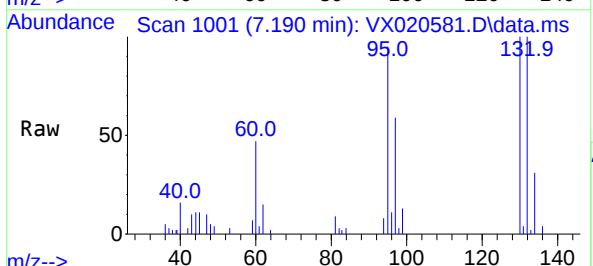
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Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 21.5 16.7 25.1

Manual Integrations
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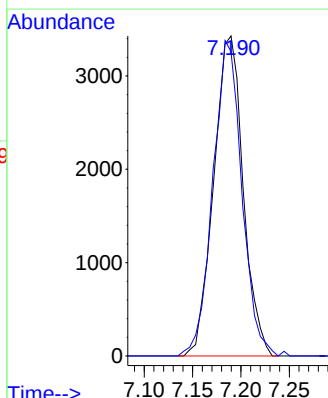
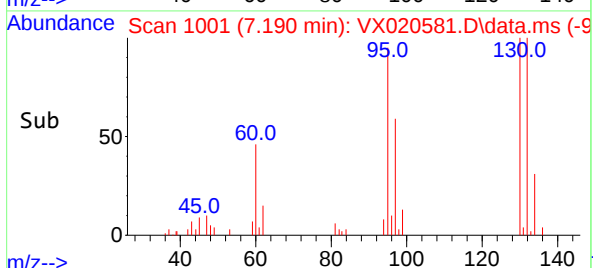
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1/13/2021 4:38:37 PM

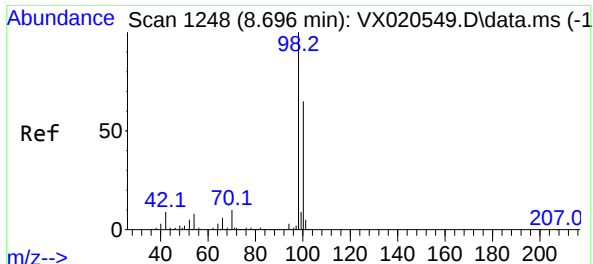


#44
Trichloroethene
Concen: 2.82 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VX020581.D
Acq: 12 Jan 2021 15:45



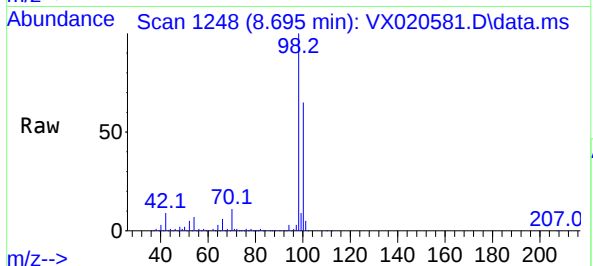
Tgt Ion:130 Resp: 7253
Ion Ratio Lower Upper
130 100
95 95.1 0.0 198.0





#50
Toluene-d8
Concen: 48.12 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. -0.001 min
Lab File: VX020581.D
Acq: 12 Jan 2021 15:45

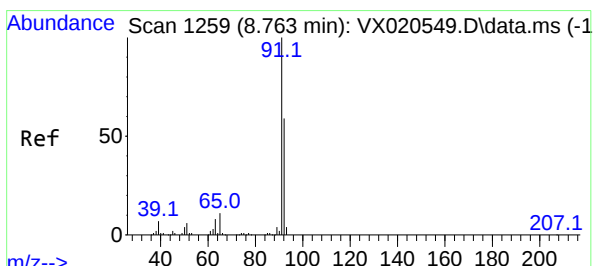
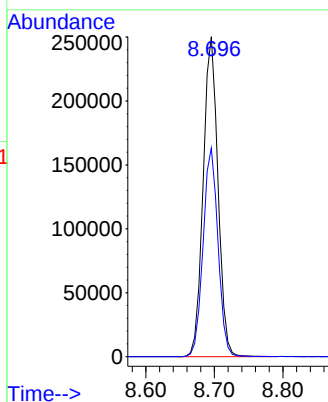
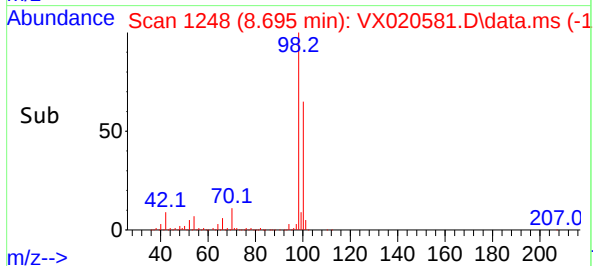
Instrument :
MSVOA_X
ClientSampled :
MW-6



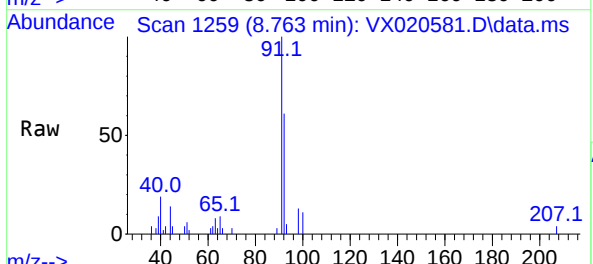
Tgt Ion: 98 Resp: 376618
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9

Manual Integrations
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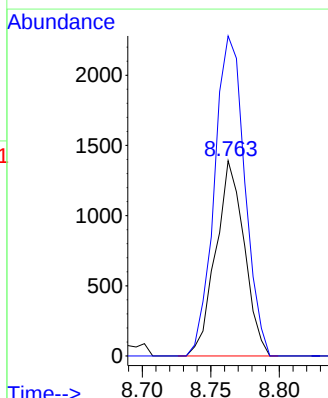
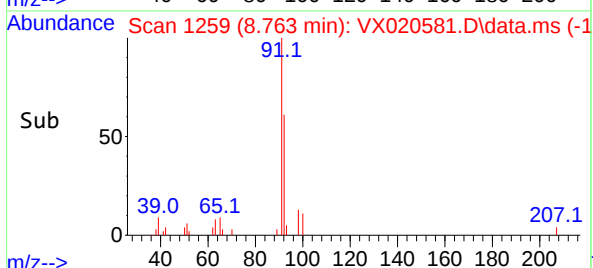
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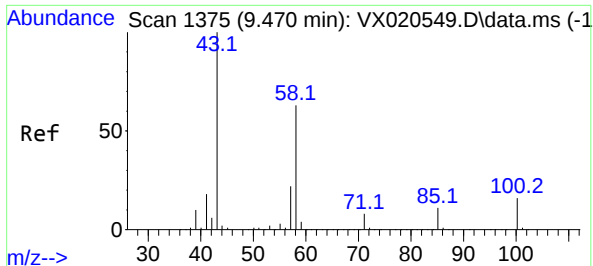


#52
Toluene
Concen: 0.37 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VX020581.D
Acq: 12 Jan 2021 15:45



Tgt Ion: 92 Resp: 2013
Ion Ratio Lower Upper
92 100
91 174.5 137.1 205.7





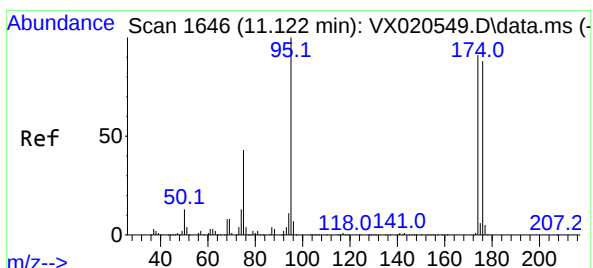
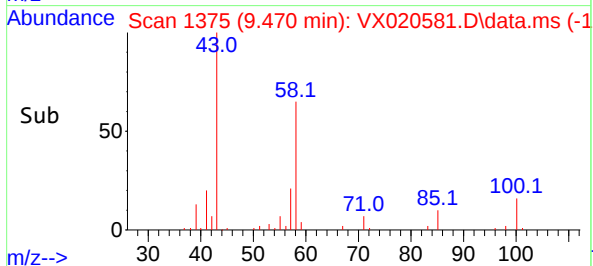
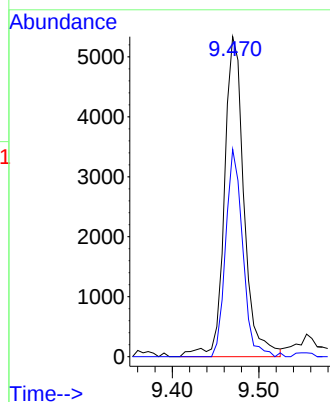
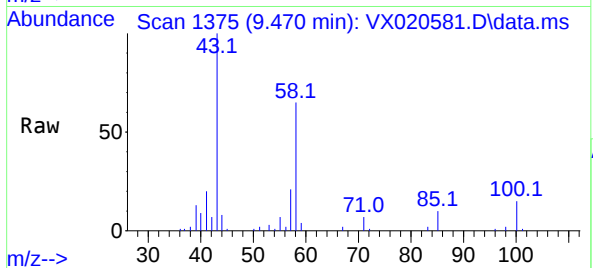
#59
2-Hexanone
Concen: 4.44 ug/l
RT: 9.470 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VX020581.D
Acq: 12 Jan 2021 15:45

Tgt Ion: 43 Resp: 8390
Ion Ratio Lower Upper
43 100
58 56.3 30.9 92.8

Instrument :
MSVOA_X
ClientSampled :
MW-6

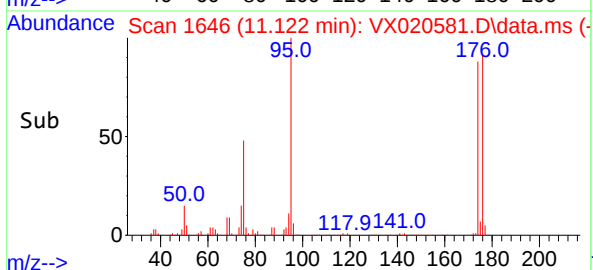
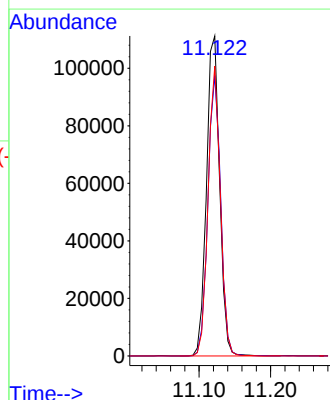
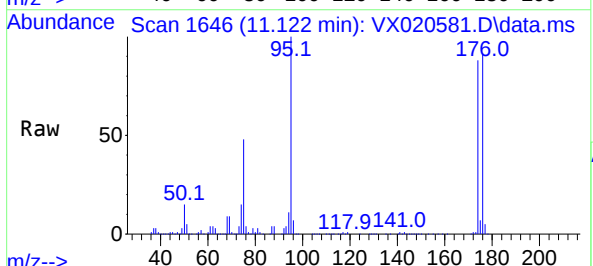
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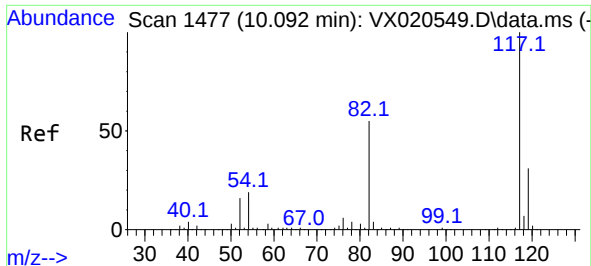
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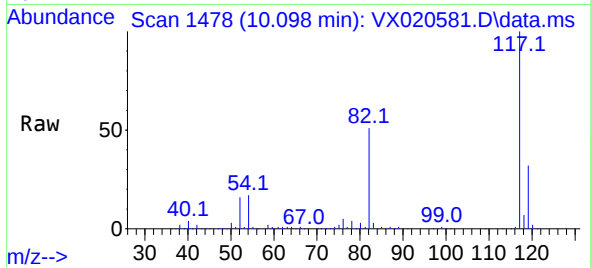
#62
4-Bromofluorobenzene
Concen: 51.52 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020581.D
Acq: 12 Jan 2021 15:45

Tgt Ion: 95 Resp: 142400
Ion Ratio Lower Upper
95 100
174 84.9 0.0 154.6
176 84.7 0.0 155.8

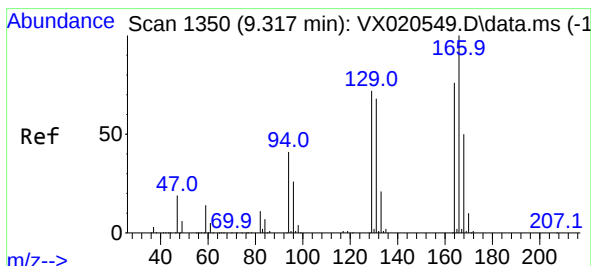
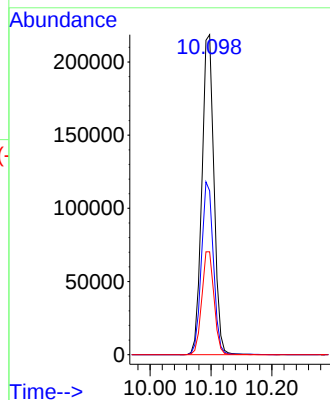
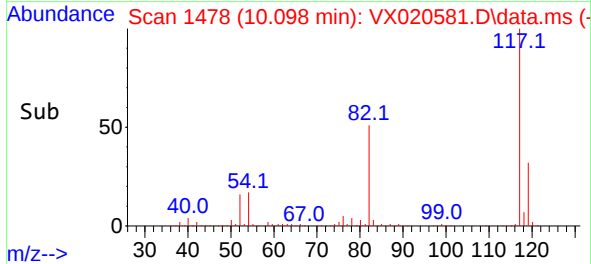




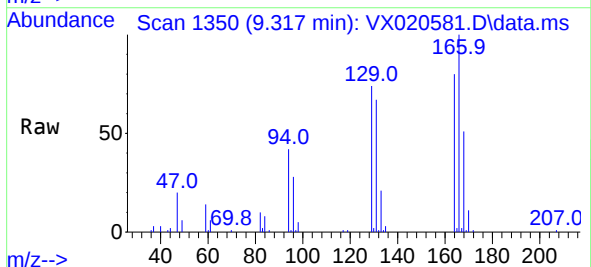
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020581.D
Acq: 12 Jan 2021 15:45



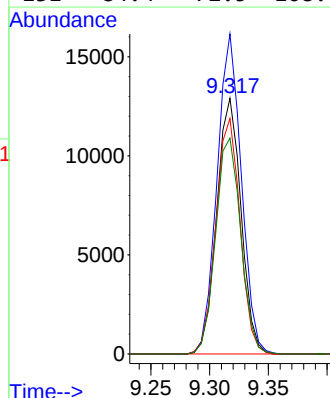
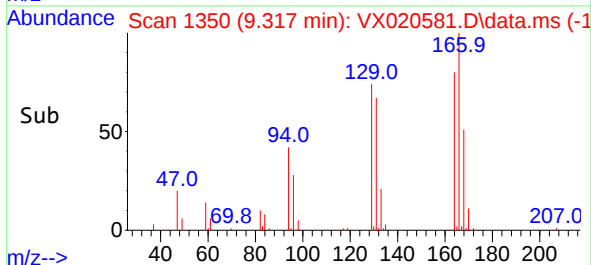
Tgt Ion:117 Resp: 302240
Ion Ratio Lower Upper
117 100
82 51.2 47.4 71.2
119 32.2 26.6 39.8



#64
Tetrachloroethene
Concen: 6.82 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020581.D
Acq: 12 Jan 2021 15:45



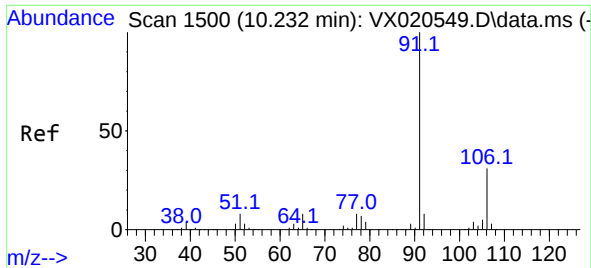
Tgt Ion:164 Resp: 18627
Ion Ratio Lower Upper
164 100
166 125.1 103.4 155.2
129 92.1 70.8 106.2
131 84.4 72.5 108.7



Instrument :
MSVOA_X
ClientSampleId :
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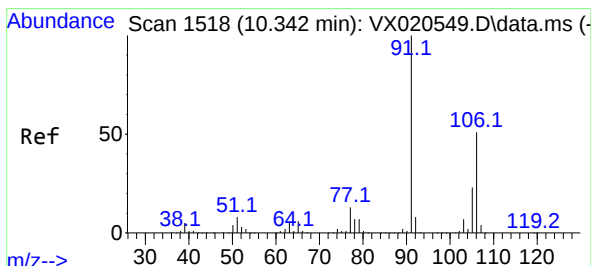
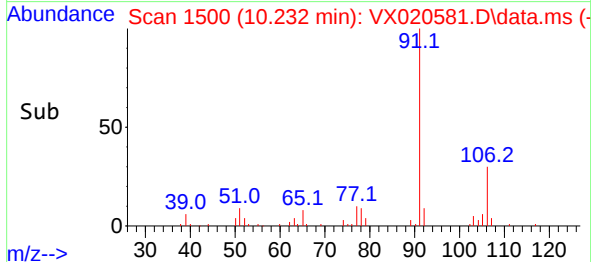
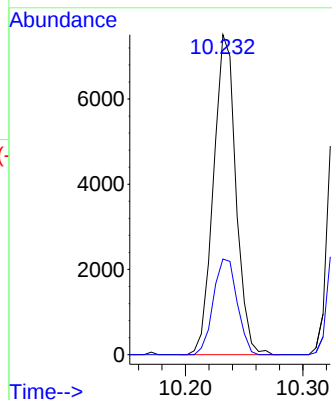
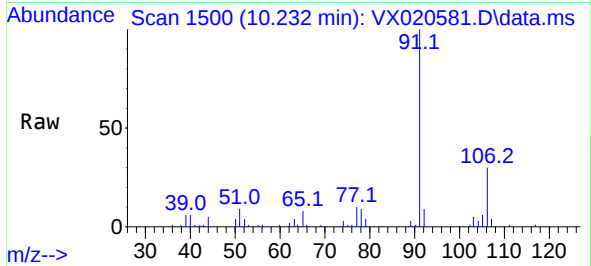
#67
Ethyl Benzene
Concen: 0.95 ug/l
RT: 10.232 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VX020581.D
Acq: 12 Jan 2021 15:45

Tgt Ion: 91 Resp: 9958
Ion Ratio Lower Upper
91 100
106 29.9 24.6 37.0

Instrument :
MSVOA_X
ClientSampled :
MW-6

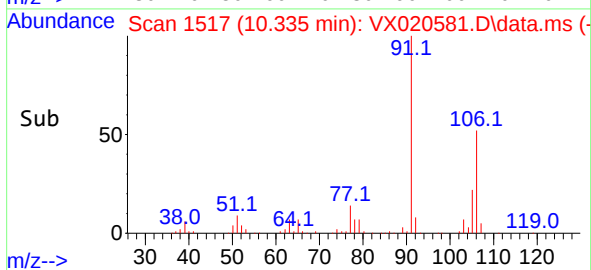
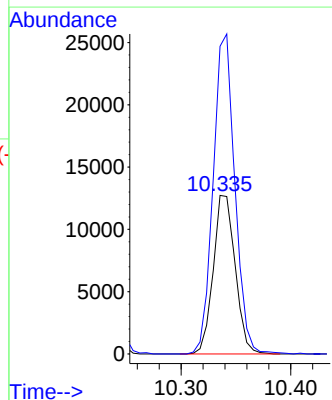
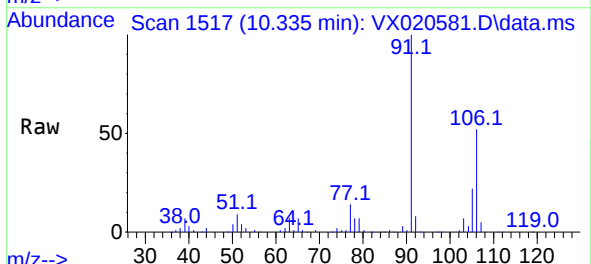
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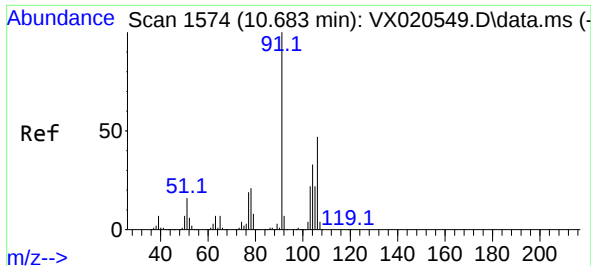
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#68
m/p-Xylenes
Concen: 4.39 ug/l
RT: 10.335 min Scan# 1517
Delta R.T. -0.007 min
Lab File: VX020581.D
Acq: 12 Jan 2021 15:45

Tgt Ion: 106 Resp: 17706
Ion Ratio Lower Upper
106 100
91 199.5 162.8 244.2





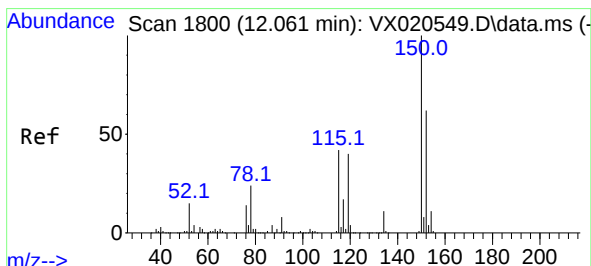
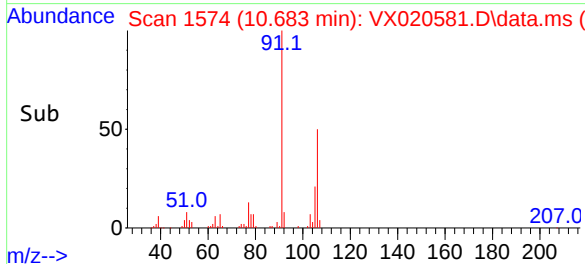
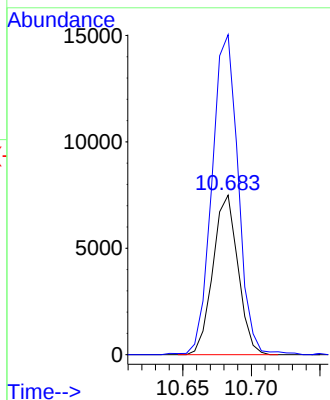
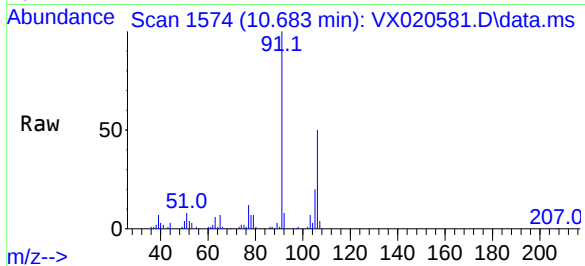
#69
o-Xylene
Concen: 2.56 ug/l
RT: 10.683 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VX020581.D
Acq: 12 Jan 2021 15:45

Tgt Ion:106 Resp: 9532
Ion Ratio Lower Upper
106 100
91 209.9 108.1 324.2

Instrument :
MSVOA_X
ClientSampled :
MW-6

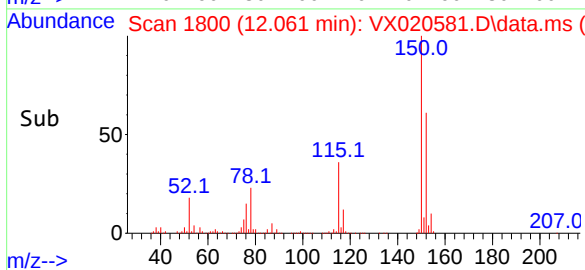
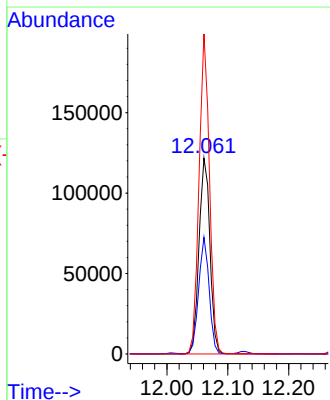
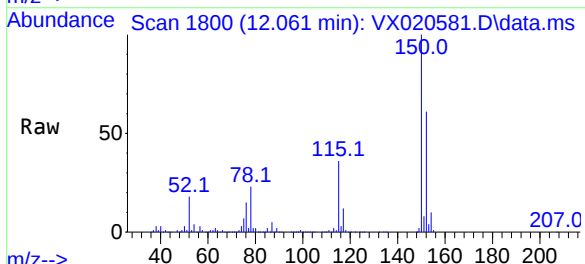
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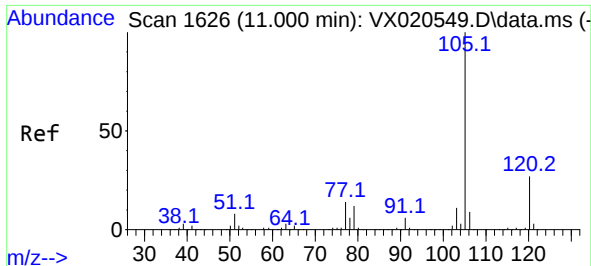
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020581.D
Acq: 12 Jan 2021 15:45

Tgt Ion:152 Resp: 152173
Ion Ratio Lower Upper
152 100
115 56.9 41.1 123.3
150 155.7 0.0 349.0





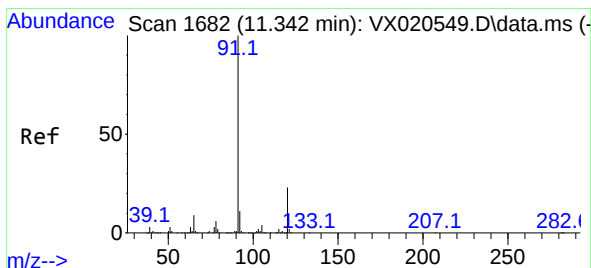
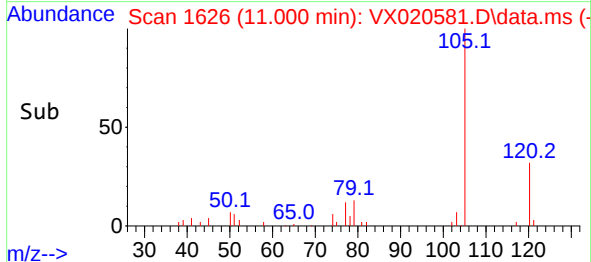
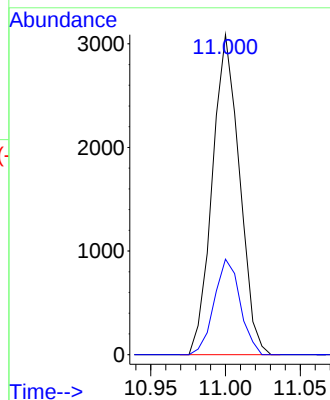
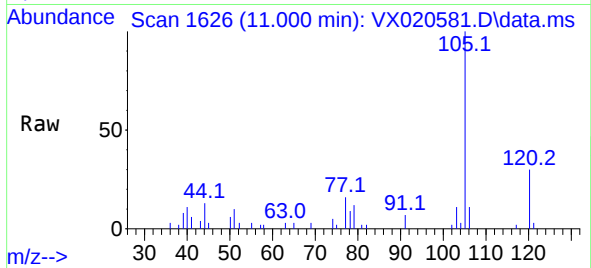
#73
Isopropylbenzene
Concen: 0.38 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX020581.D
Acq: 12 Jan 2021 15:45

Tgt Ion: 105 Resp: 3898
Ion Ratio Lower Upper
105 100
120 28.5 13.2 39.6

Instrument :
MSVOA_X
ClientSampled :
MW-6

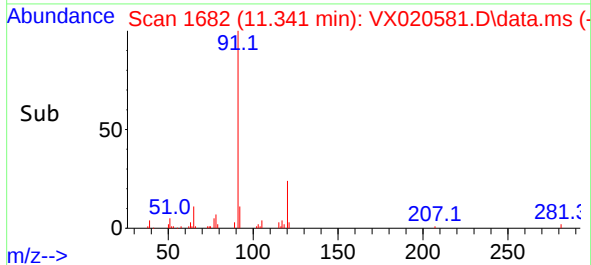
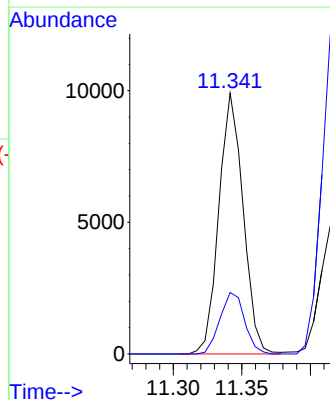
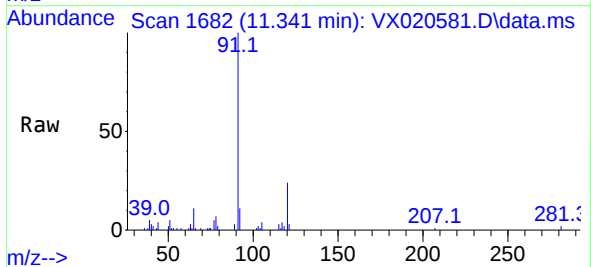
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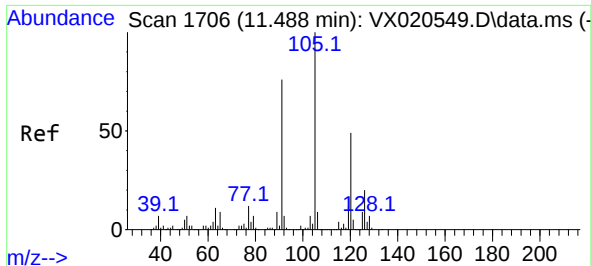
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#78
n-propylbenzene
Concen: 1.08 ug/l
RT: 11.341 min Scan# 1682
Delta R.T. -0.001 min
Lab File: VX020581.D
Acq: 12 Jan 2021 15:45

Tgt Ion: 91 Resp: 12198
Ion Ratio Lower Upper
91 100
120 23.9 11.5 34.5





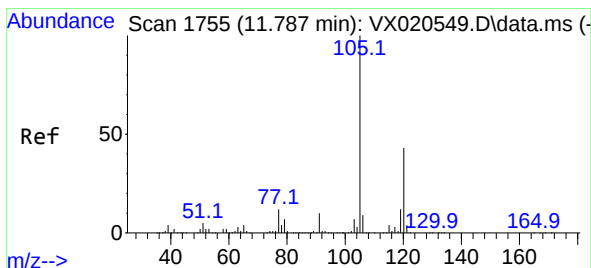
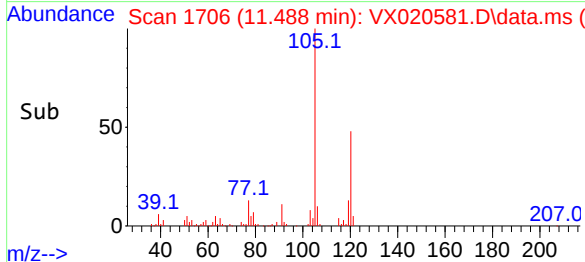
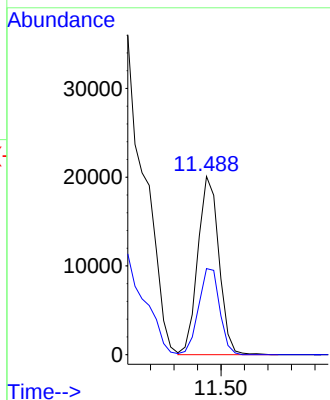
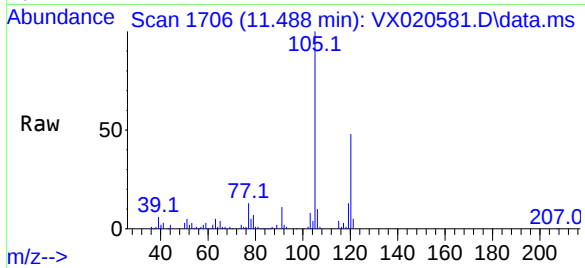
#80
1,3,5-Trimethylbenzene
Concen: 2.92 ug/l
RT: 11.488 min Scan# 1706
Delta R.T. -0.000 min
Lab File: VX020581.D
Acq: 12 Jan 2021 15:45

Tgt Ion:105 Resp: 25077
Ion Ratio Lower Upper
105 100
120 48.1 23.8 71.5

Instrument :
MSVOA_X
ClientSampled :
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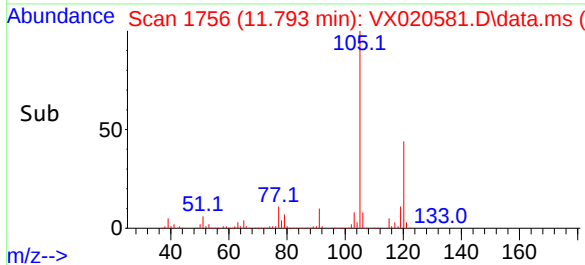
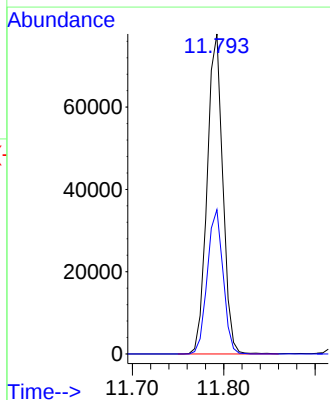
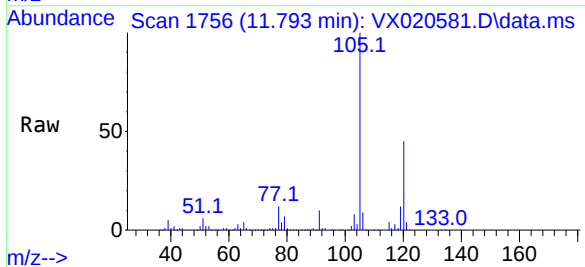
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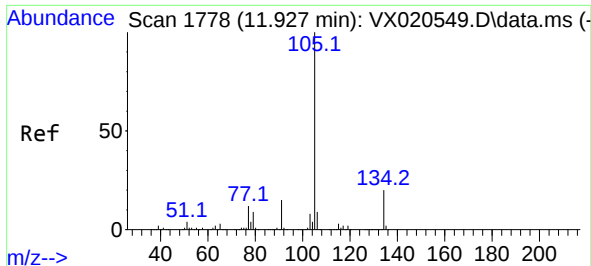
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#84
1,2,4-Trimethylbenzene
Concen: 10.73 ug/l
RT: 11.793 min Scan# 1756
Delta R.T. 0.005 min
Lab File: VX020581.D
Acq: 12 Jan 2021 15:45

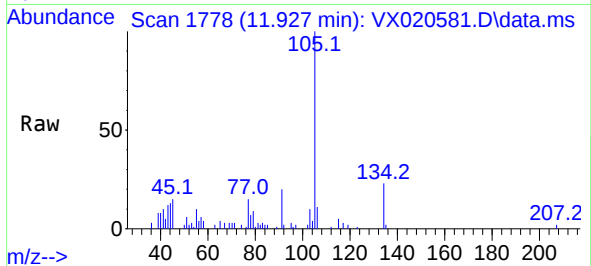
Tgt Ion:105 Resp: 92209
Ion Ratio Lower Upper
105 100
120 45.4 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 0.62 ug/l
 RT: 11.927 min Scan# 1778
 Delta R.T. -0.000 min
 Lab File: VX020581.D
 Acq: 12 Jan 2021 15:45

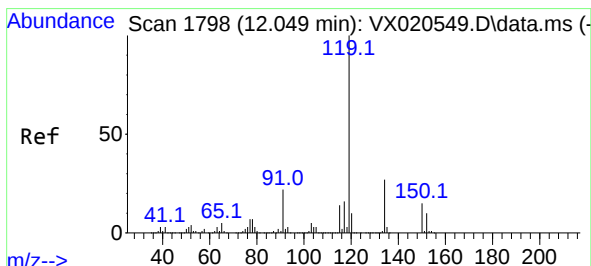
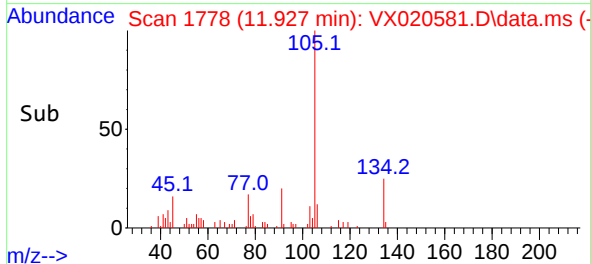
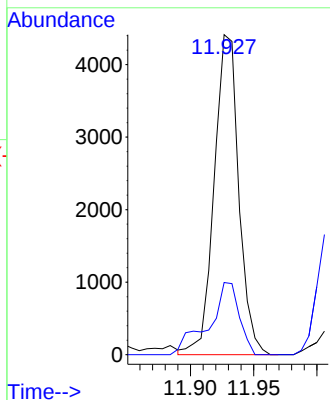
Instrument :
 MSVOA_X
 ClientSampled :
 MW-6



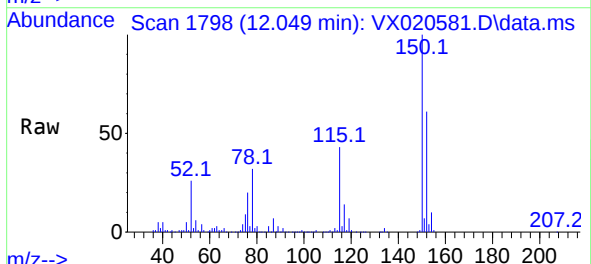
Tgt Ion:105 Resp: 5962
 Ion Ratio Lower Upper
 105 100
 134 27.9 10.0 29.8

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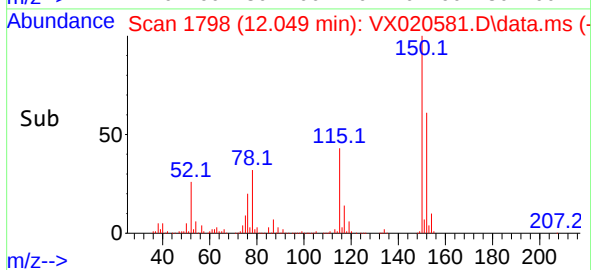
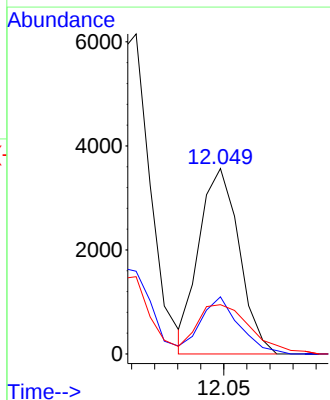
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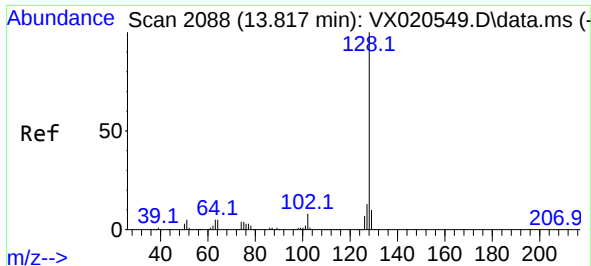


#86
 p-Isopropyltoluene
 Concen: 0.48 ug/l m
 RT: 12.049 min Scan# 1798
 Delta R.T. -0.000 min
 Lab File: VX020581.D
 Acq: 12 Jan 2021 15:45



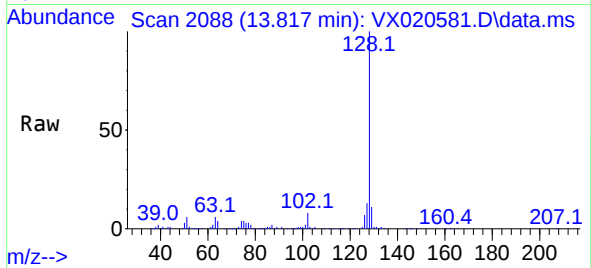
Tgt Ion:119 Resp: 4318
 Ion Ratio Lower Upper
 119 100
 134 50.1 12.9 38.7#
 91 48.6 11.7 35.0#





#95
Naphthalene
Concen: 9.26 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020581.D
Acq: 12 Jan 2021 15:45

Instrument :
MSVOA_X
ClientSampleId :
MW-6



Tgt Ion:128 Resp: 66090
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 12.5 8.8 13.2

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