

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
 Data File : VW018687.D
 Acq On : 20 Apr 2021 13:36
 Operator : SY/VA
 Sample : M2065-08
 Misc : 3.71G/10ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG561

Quant Time: Apr 21 01:28:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 21 01:26:40 2021
 Response via : Initial Calibration

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

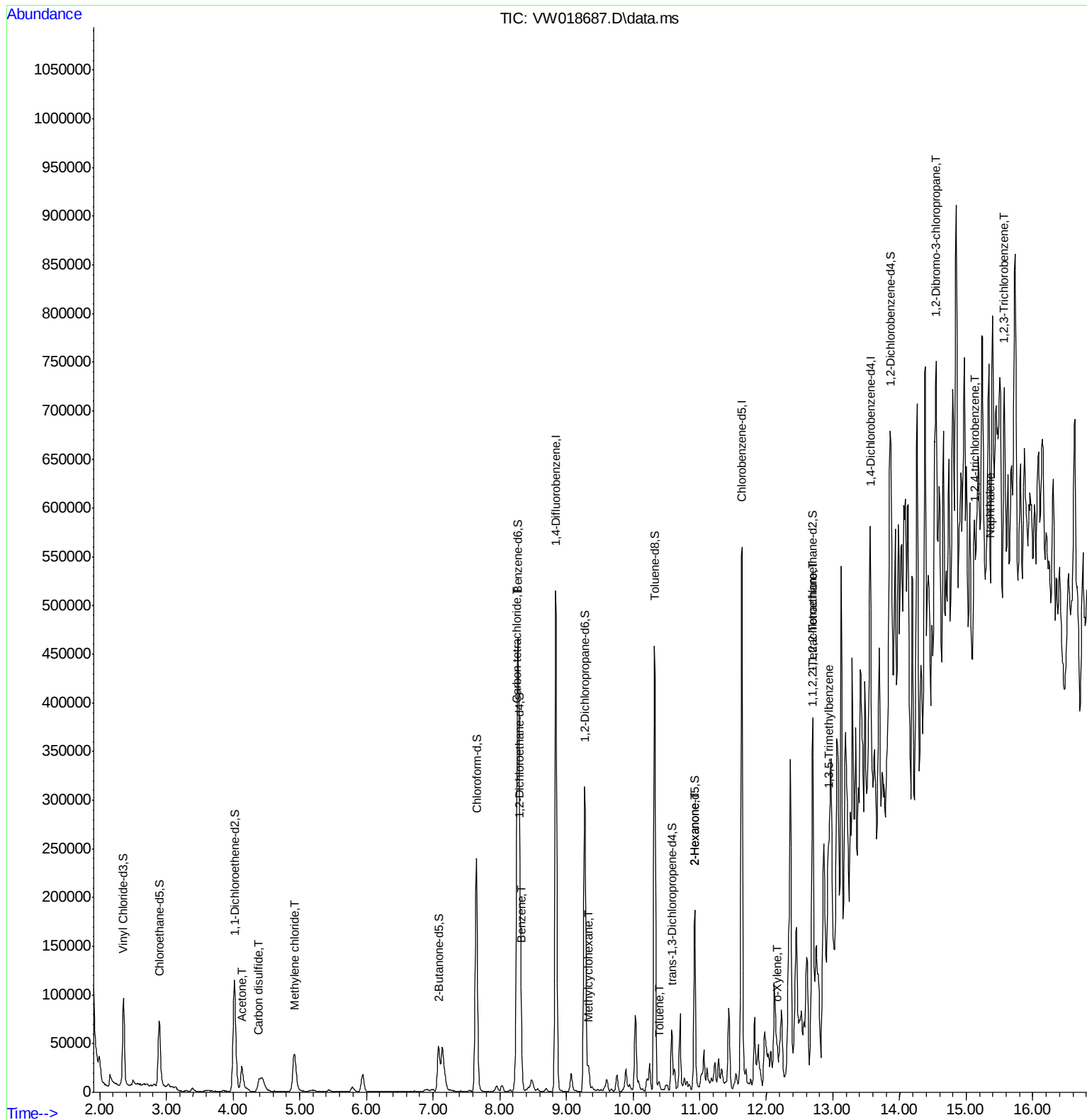
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	417685	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	293529	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	84395	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	97727	15.40	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	61.60%		
7) Chloroethane-d5	2.892	69	93236	16.57	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	66.28%		
11) 1,1-Dichloroethene-d2	4.019	63	123032	11.16	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	44.64%#		
21) 2-Butanone-d5	7.086	46	82569	57.15	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	114.30%		
24) Chloroform-d	7.653	84	247778	21.62	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	86.48%		
26) 1,2-Dichloroethane-d4	8.305	65	142401	22.10	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	88.40%		
32) Benzene-d6	8.275	84	418167	24.28	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	97.12%		
36) 1,2-Dichloropropane-d6	9.275	67	146039	28.14	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	112.56%		
41) Toluene-d8	10.323	98	294752	18.72	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	74.88%		
43) trans-1,3-Dichloroprop...	10.579	79	34508	15.62	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	62.48%		
47) 2-Hexanone-d5	10.927	63	62909	69.72	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	139.44%#		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	114315	26.38	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	105.52%		
66) 1,2-Dichlorobenzene-d4	13.859	152	56971	19.22	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	76.88%		
Target Compounds					Qvalue	
13) Acetone	4.129	43	46572	44.41	ug/L	85
14) Carbon disulfide	4.385	76	23741	1.45	ug/L	97
16) Methylene chloride	4.922	84	32824	4.80	ug/L	90
31) Carbon tetrachloride	8.262	117	1905	0.33	ug/L #	5
33) Benzene	8.323	78	7729	0.42	ug/L	100
35) Methylcyclohexane	9.335	83	5440	0.66	ug/L #	10
42) Toluene	10.390	91	6338	0.32	ug/L	91
48) 2-Hexanone	10.927	43	10640	5.87	ug/L #	47
54) o-Xylene	12.164	106	4465	0.58	ug/L	81
57) 1,1,2,2-Tetrachloroethane	12.689	83	12261	2.84	ug/L #	58
62) 1,3,5-Trimethylbenzene	12.945	105	10617	1.03	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.548	75	1144	2.85	ug/L #	25
70) 1,2,4-trichlorobenzene	15.133	180	1590	0.52	ug/L #	1
71) Naphthalene	15.365	128	8738	1.36	ug/L #	32
72) 1,2,3-Trichlorobenzene	15.566	180	4333	1.61	ug/L #	14

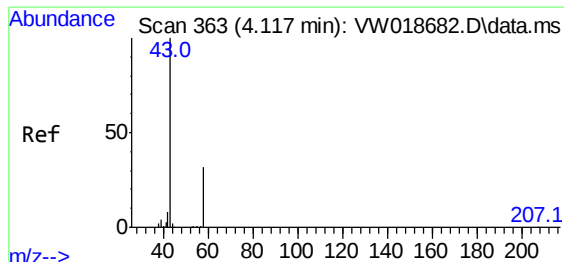
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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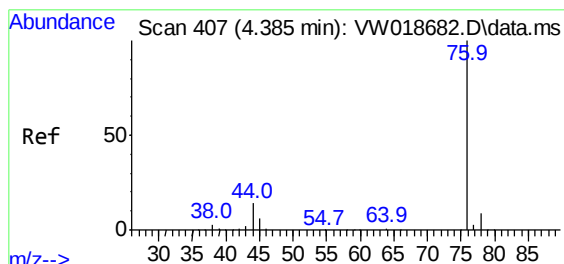
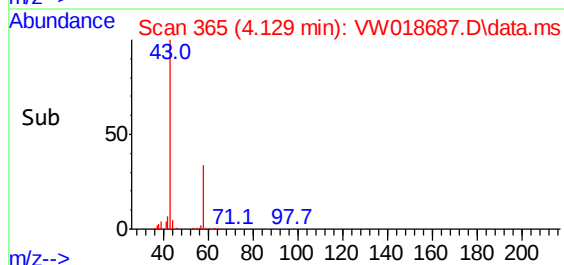
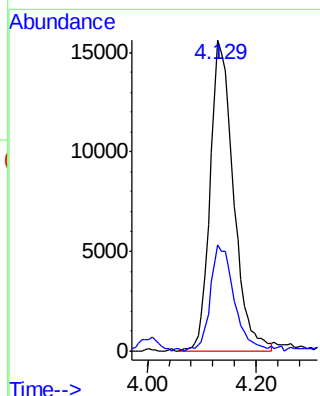
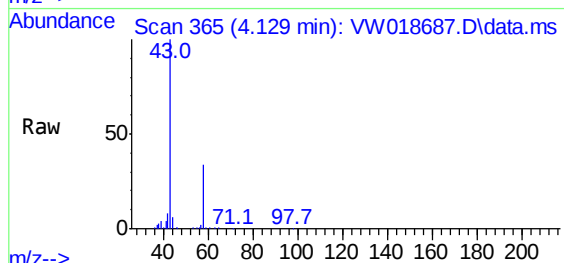




#13
Acetone
Concen: 44.41 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.013 min
Lab File: VW018687.D
Acq: 20 Apr 2021 13:36

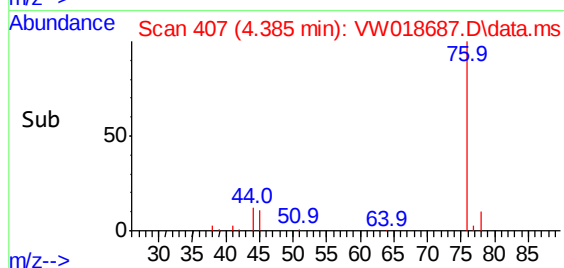
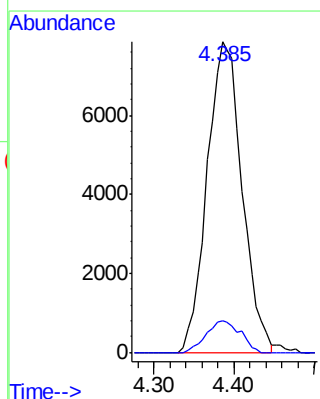
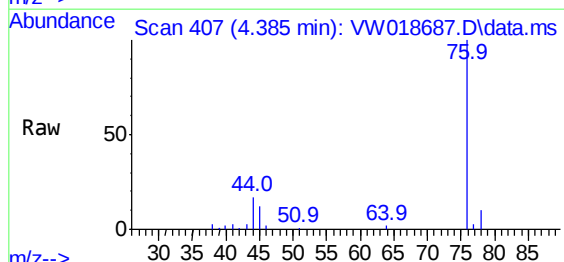
Instrument :
MSVOA_W
ClientSampled :
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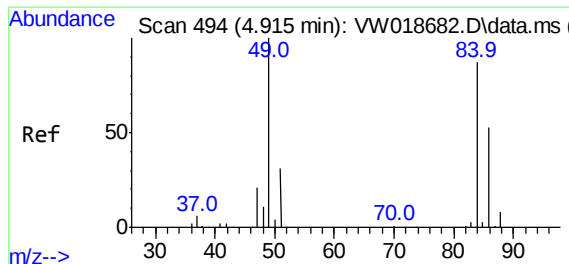
Tgt Ion: 43 Resp: 46572
Ion Ratio Lower Upper
43 100
58 34.6 0.0 53.8



#14
Carbon disulfide
Concen: 1.45 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW018687.D
Acq: 20 Apr 2021 13:36

Tgt Ion: 76 Resp: 23741
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.0

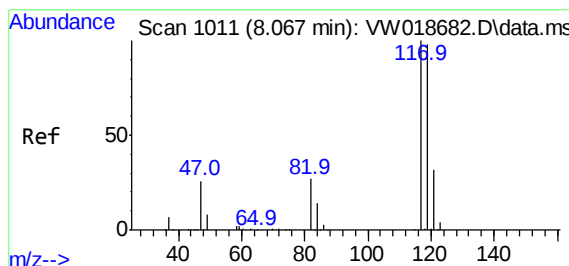
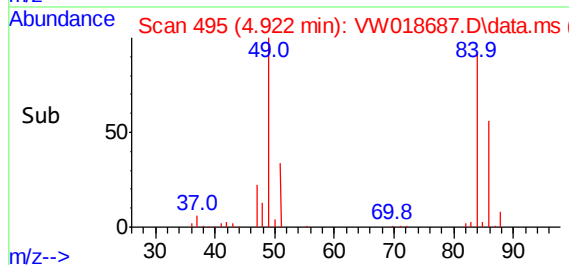
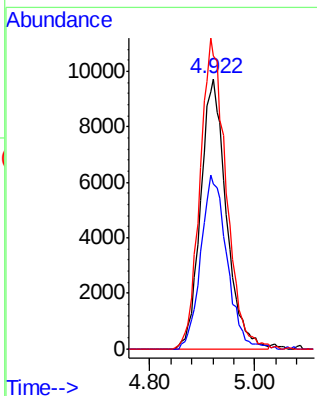
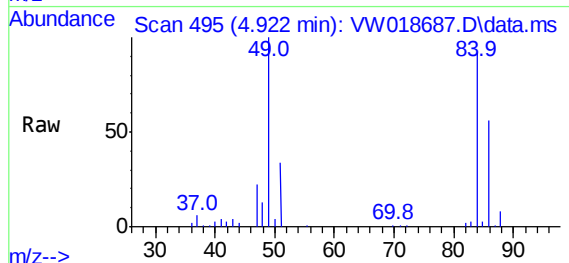




#16
Methylene chloride
Concen: 4.80 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018687.D
Acq: 20 Apr 2021 13:36

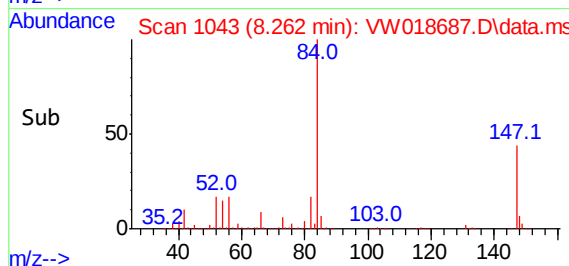
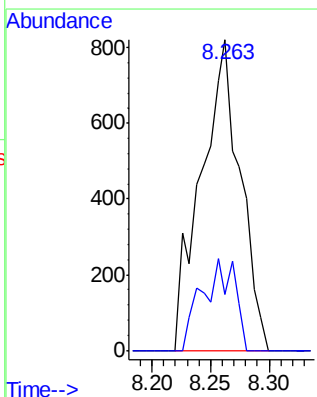
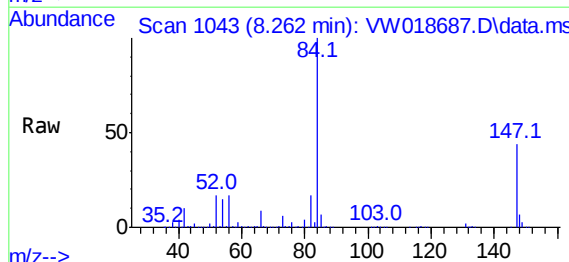
Instrument :
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ClientSampled :
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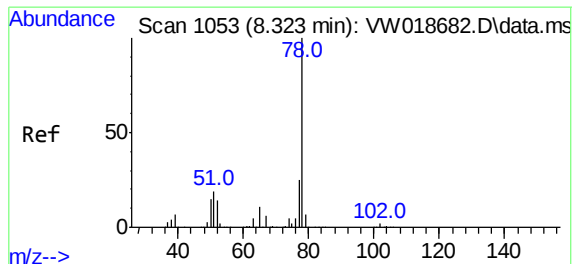
Tgt Ion: 84 Resp: 32824
Ion Ratio Lower Upper
84 100
86 60.9 45.3 84.1
49 108.5 86.6 160.8



#31
Carbon tetrachloride
Concen: 0.33 ug/L
RT: 8.262 min Scan# 1043
Delta R.T. 0.195 min
Lab File: VW018687.D
Acq: 20 Apr 2021 13:36

Tgt Ion: 117 Resp: 1905
Ion Ratio Lower Upper
117 100
119 3.1 76.5 114.7#

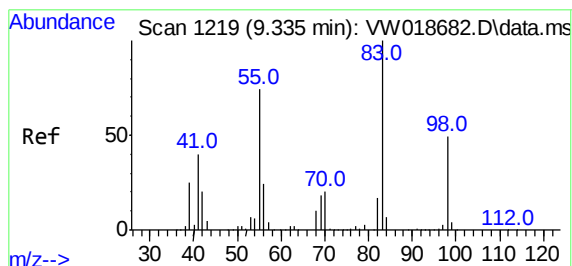
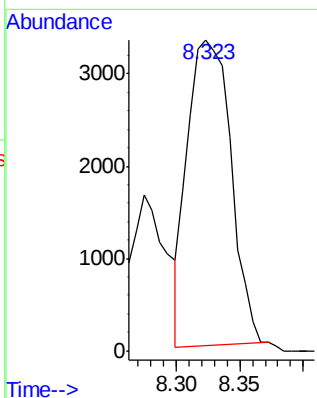
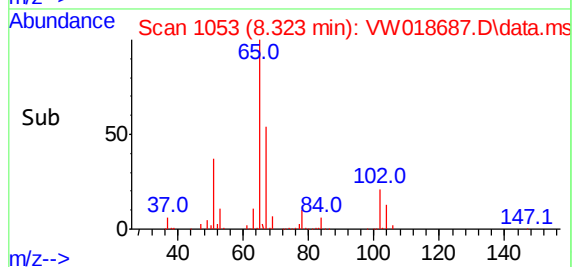
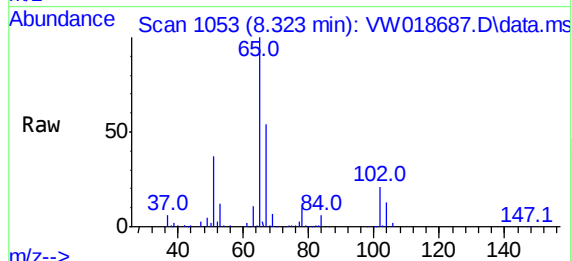




#33
Benzene
Concen: 0.42 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018687.D
Acq: 20 Apr 2021 13:36

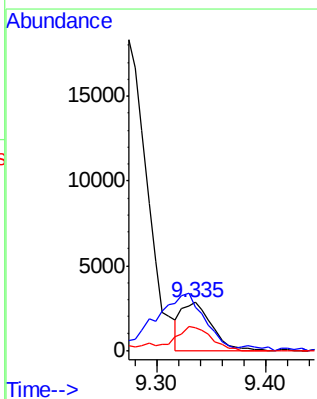
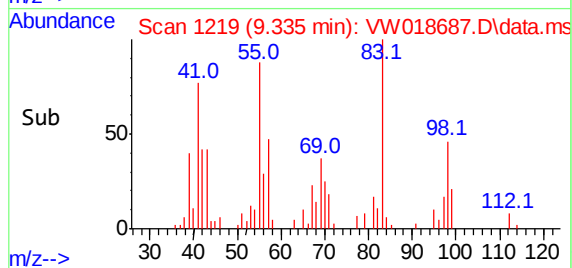
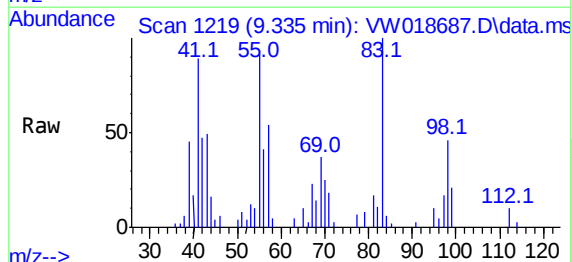
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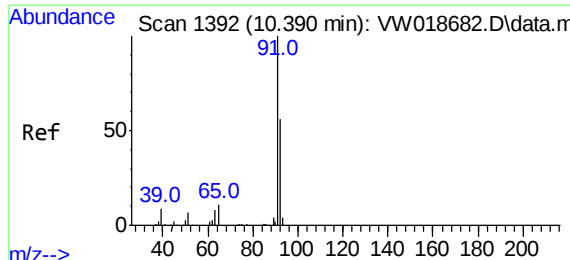
Tgt Ion: 78 Resp: 7729



#35
Methylcyclohexane
Concen: 0.66 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018687.D
Acq: 20 Apr 2021 13:36

Tgt Ion: 83 Resp: 5440
Ion Ratio Lower Upper
83 100
55 197.4 58.9 88.3#
98 54.3 40.1 60.1





#42

Toluene

Concen: 0.32 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW018687.D

Acq: 20 Apr 2021 13:36

Instrument :

MSVOA_W

ClientSampleId :

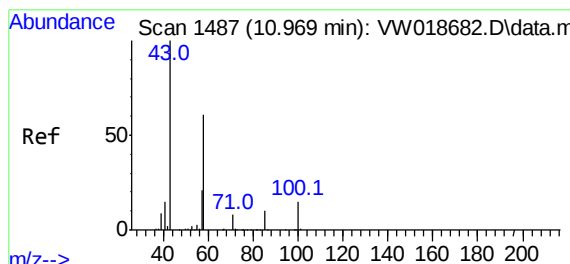
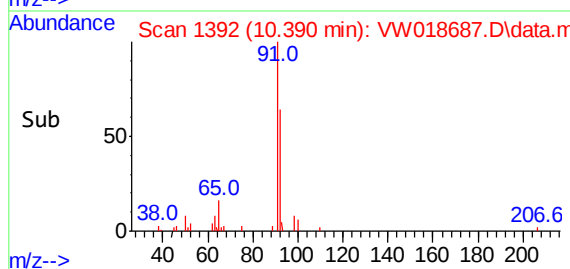
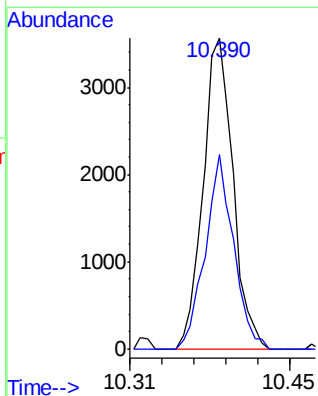
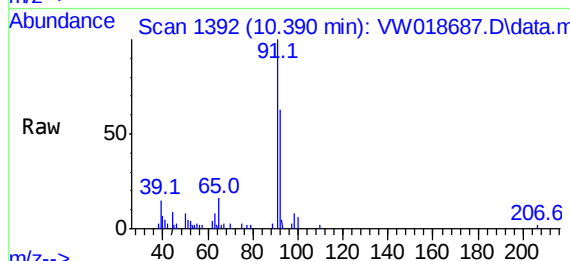
BG561

Tgt Ion: 91 Resp: 6338

Ion Ratio Lower Upper

91 100

92 62.6 39.5 73.3



#48

2-Hexanone

Concen: 5.87 ug/L

RT: 10.927 min Scan# 1480

Delta R.T. -0.042 min

Lab File: VW018687.D

Acq: 20 Apr 2021 13:36

Tgt Ion: 43 Resp: 10640

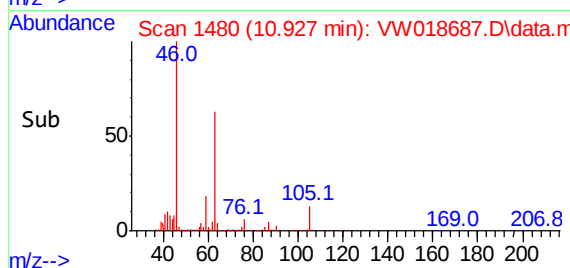
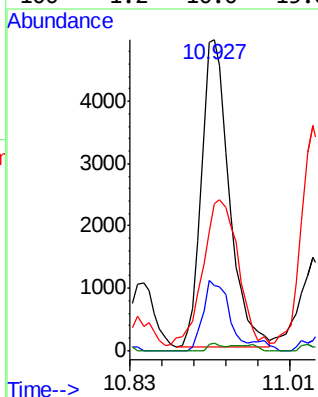
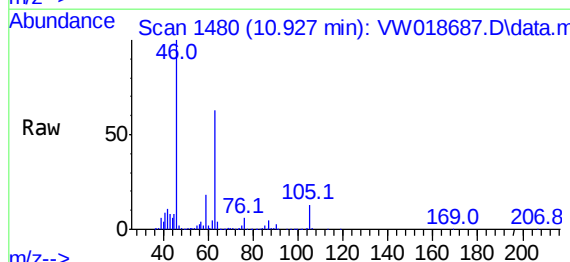
Ion Ratio Lower Upper

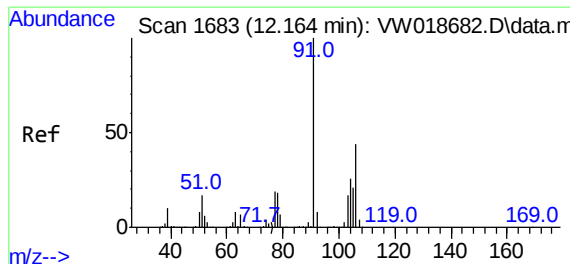
43 100

58 20.9 42.7 64.1#

57 60.0 15.8 23.8#

100 1.2 10.0 15.0#

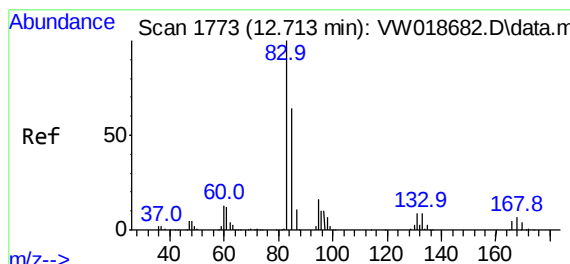
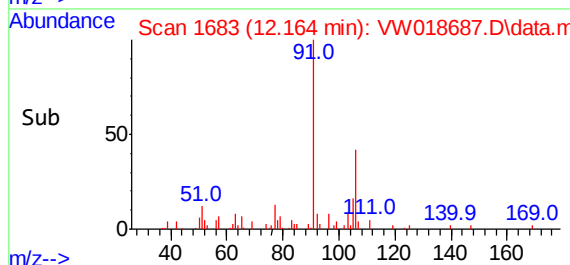
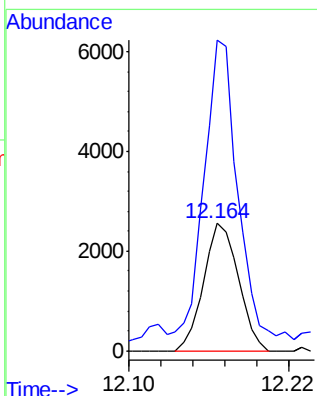
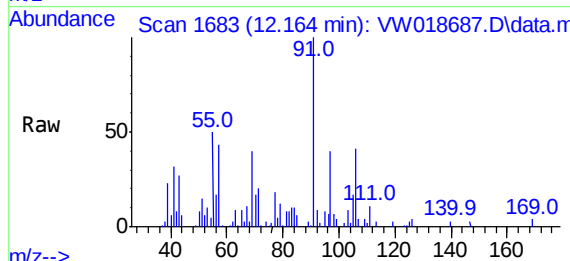




#54
o-Xylene
Concen: 0.58 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018687.D
Acq: 20 Apr 2021 13:36

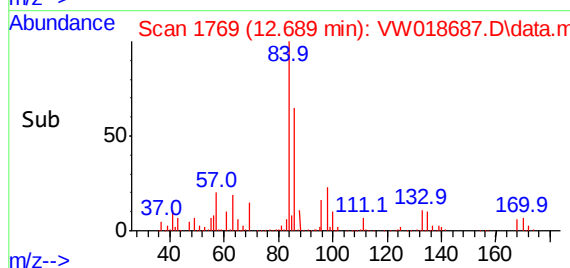
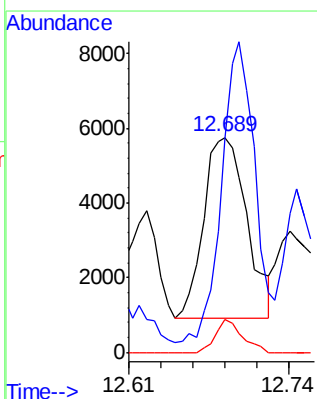
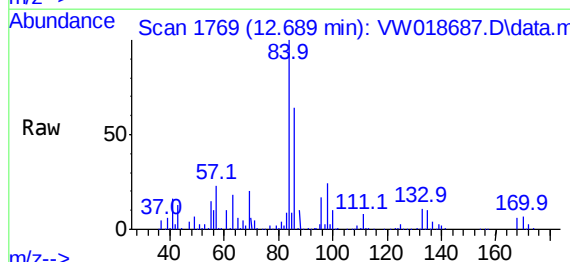
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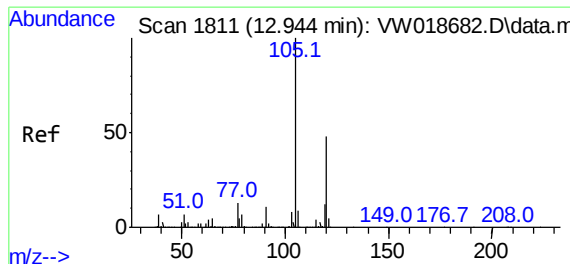
Tgt Ion:106 Resp: 4465
Ion Ratio Lower Upper
106 100
91 244.5 150.0 278.6



#57
1,1,2,2-Tetrachloroethane
Concen: 2.84 ug/L
RT: 12.689 min Scan# 1769
Delta R.T. -0.024 min
Lab File: VW018687.D
Acq: 20 Apr 2021 13:36

Tgt Ion: 83 Resp: 12261
Ion Ratio Lower Upper
83 100
85 99.3 44.4 82.4#
131 15.1 8.2 12.4#

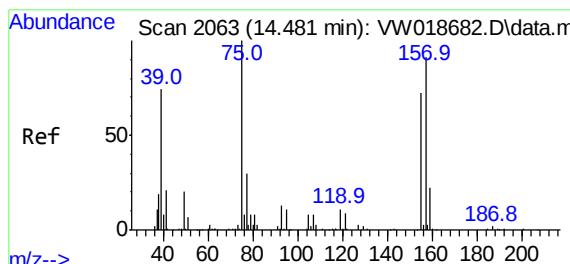
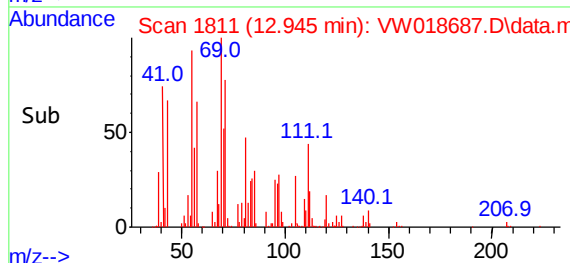
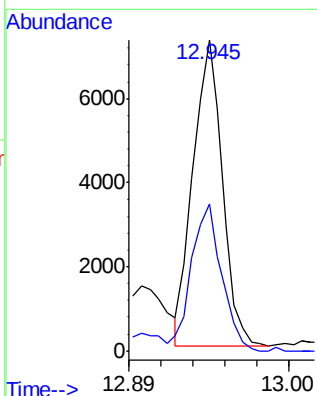
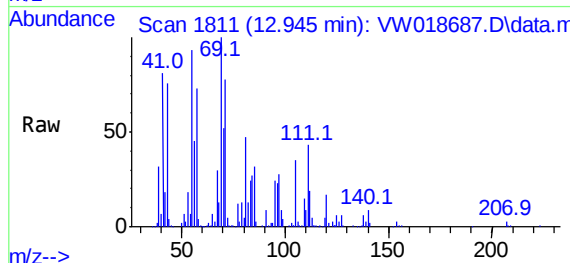




#62
 1,3,5-Trimethylbenzene
 Concen: 1.03 ug/L
 RT: 12.945 min Scan# 1811
 Delta R.T. 0.000 min
 Lab File: VW018687.D
 Acq: 20 Apr 2021 13:36

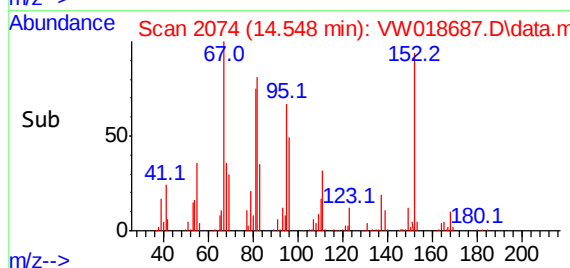
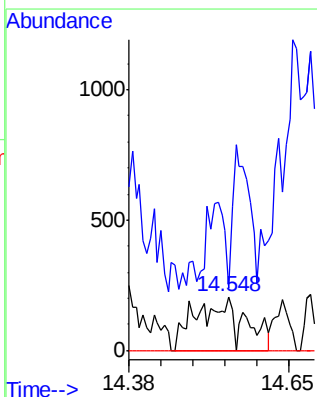
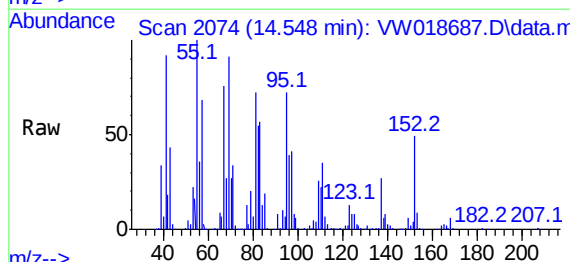
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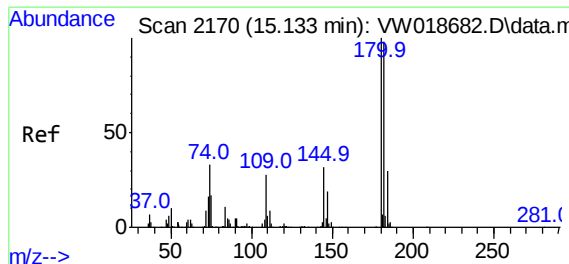
Tgt Ion: 105 Resp: 10617
 Ion Ratio Lower Upper
 105 100
 120 49.8 39.0 58.6



#68
 1,2-Dibromo-3-chloropropane
 Concen: 2.85 ug/L
 RT: 14.548 min Scan# 2074
 Delta R.T. 0.067 min
 Lab File: VW018687.D
 Acq: 20 Apr 2021 13:36

Tgt Ion: 75 Resp: 1144
 Ion Ratio Lower Upper
 75 100
 155 116.4 59.4 89.0#
 157 0.0 72.2 108.2#

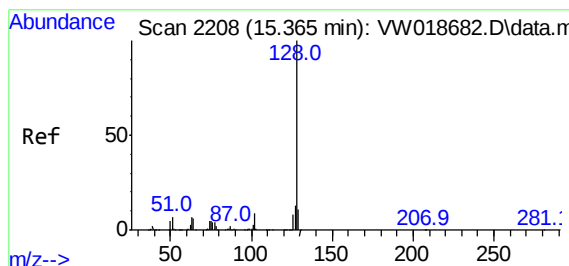
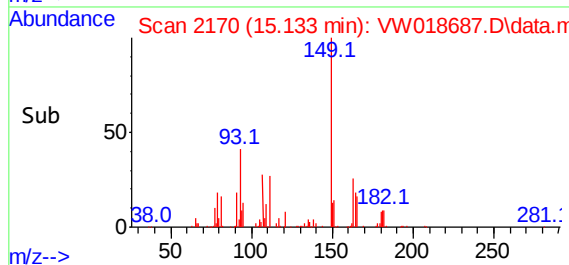
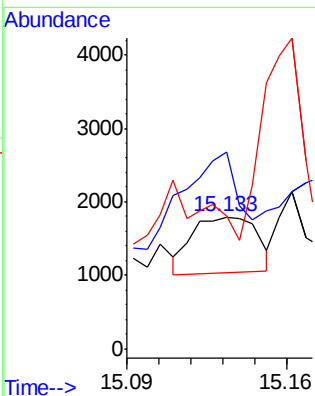
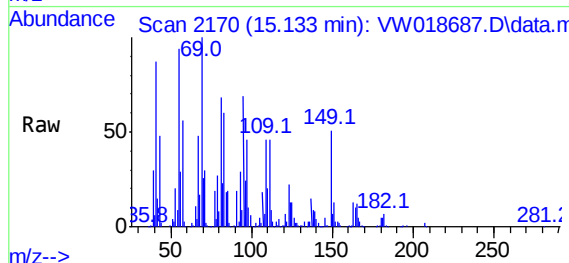




#70
 1,2,4-trichlorobenzene
 Concen: 0.52 ug/L
 RT: 15.133 min Scan# 2170
 Delta R.T. 0.000 min
 Lab File: VW018687.D
 Acq: 20 Apr 2021 13:36

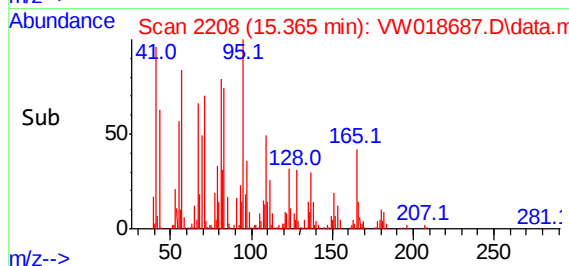
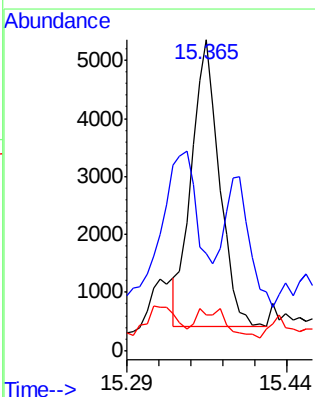
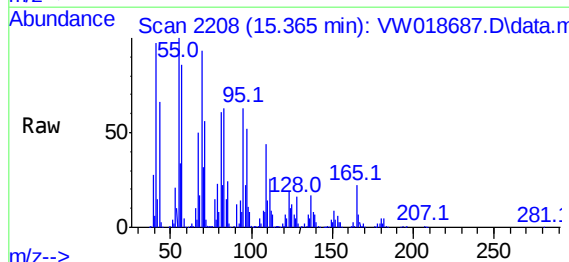
Instrument :
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 ClientSampleId :
 BG561

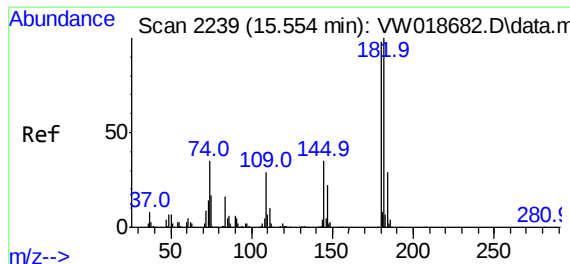
Tgt Ion:	180	Resp:	1590
Ion	Ratio	Lower	Upper
180	100		
182	298.4	74.7	112.1#
145	0.0	25.0	37.4#



#71
 Naphthalene
 Concen: 1.36 ug/L
 RT: 15.365 min Scan# 2208
 Delta R.T. 0.000 min
 Lab File: VW018687.D
 Acq: 20 Apr 2021 13:36

Tgt Ion:	128	Resp:	8738
Ion	Ratio	Lower	Upper
128	100		
127	56.2	10.6	15.8#
129	3.0	9.0	13.6#





#72
 1,2,3-Trichlorobenzene
 Concen: 1.61 ug/L
 RT: 15.566 min Scan# 2241
 Delta R.T. 0.013 min
 Lab File: VW018687.D
 Acq: 20 Apr 2021 13:36

Instrument :
 MSVOA_W
 ClientSampleId :
 BG561

Tgt Ion:180 Resp: 4333

Ion	Ratio	Lower	Upper
180	100		
182	2.7	76.7	115.1#
145	0.0	28.9	43.3#

