

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
 Data File : VW018709.D
 Acq On : 21 Apr 2021 13:58
 Operator : SY/VA
 Sample : M2065-14
 Misc : 3.49G/10ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG567

Quant Time: Apr 22 01:22:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 22 01:20:40 2021
 Response via : Initial Calibration

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

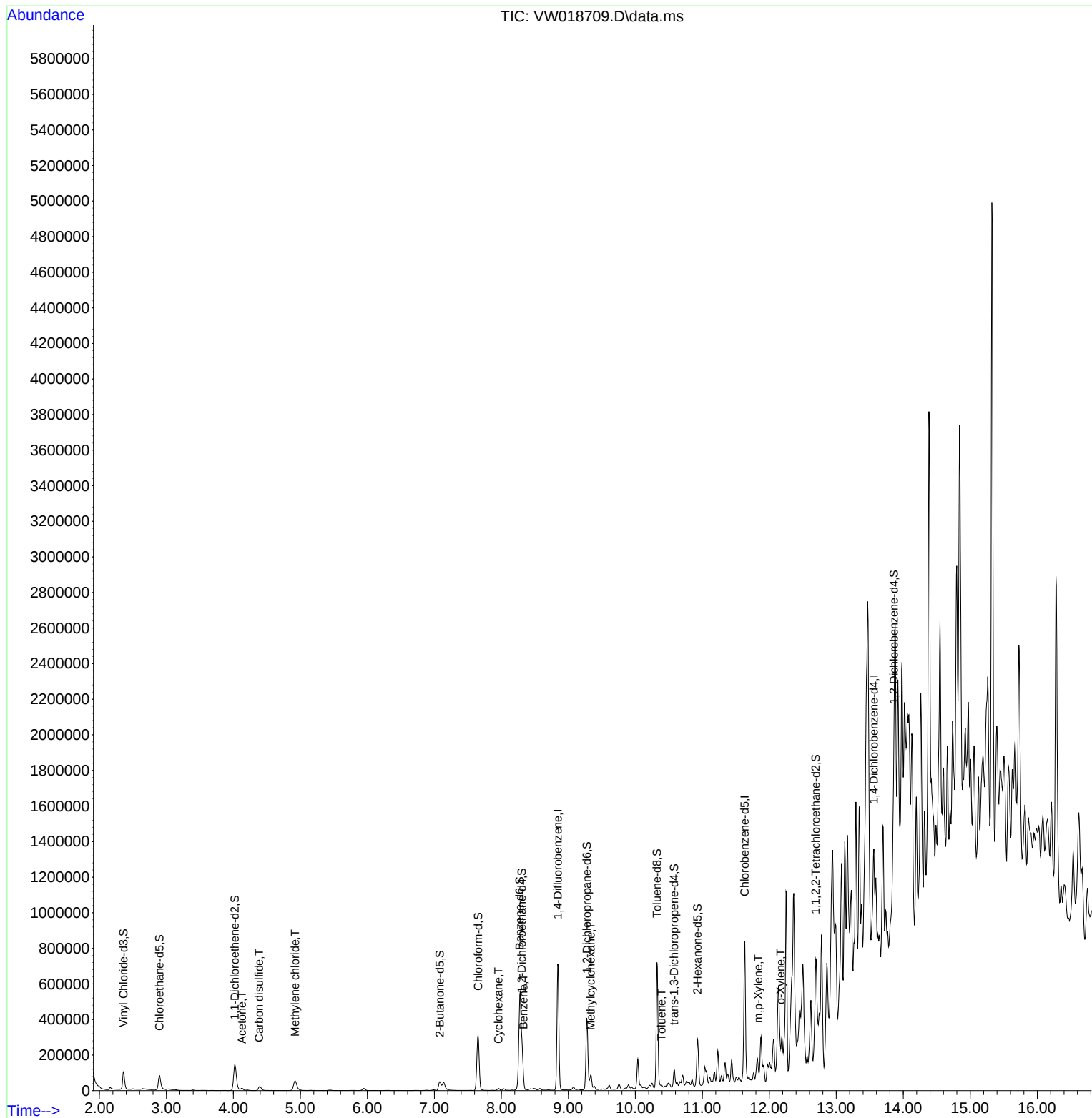
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	592267	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	427703	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	145313	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	119456	13.27	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	53.08%		
7) Chloroethane-d5	2.898	69	110920	13.91	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	55.64%		
11) 1,1-Dichloroethene-d2	4.019	63	159384	10.20	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	40.80%#		
21) 2-Butanone-d5	7.080	46	82811	40.42	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	80.84%		
24) Chloroform-d	7.653	84	316994	19.50	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	78.00%		
26) 1,2-Dichloroethane-d4	8.305	65	169305	18.53	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	74.12%		
32) Benzene-d6	8.275	84	545942	21.76	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	87.04%		
36) 1,2-Dichloropropane-d6	9.274	67	183309	24.24	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	96.96%		
41) Toluene-d8	10.323	98	429909	18.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	74.96%		
43) trans-1,3-Dichloroprop...	10.579	79	55861	17.35	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	69.40%		
47) 2-Hexanone-d5	10.927	63	69924	53.18	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	106.36%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	134386	21.28	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	85.12%		
66) 1,2-Dichlorobenzene-d4	13.859	152	106069	20.78	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	83.12%		
Target Compounds					Qvalue	
13) Acetone	4.129	43	21200	14.26	ug/L	89
14) Carbon disulfide	4.385	76	23269	1.00	ug/L #	95
16) Methylene chloride	4.922	84	48263	4.97	ug/L	88
29) Cyclohexane	7.958	56	4662	0.44	ug/L	85
33) Benzene	8.330	78	13887	0.52	ug/L	100
35) Methylcyclohexane	9.335	83	27150	2.26	ug/L #	70
42) Toluene	10.390	91	9371	0.33	ug/L	97
53) m,p-Xylene	11.835	106	6102	0.52	ug/L	80
54) o-Xylene	12.170	106	9443	0.84	ug/L	85

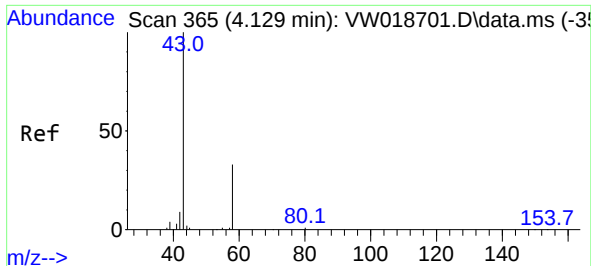
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 22 01:22:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Apr 22 01:20:40 2021
Response via : Initial Calibration

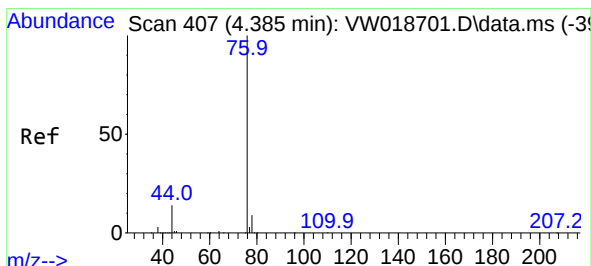
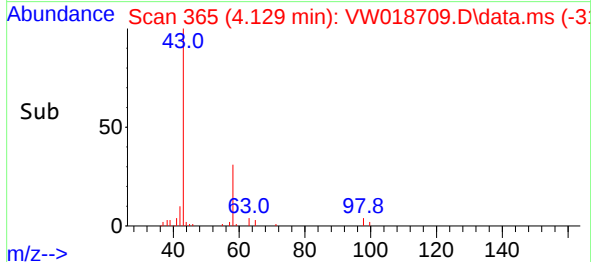
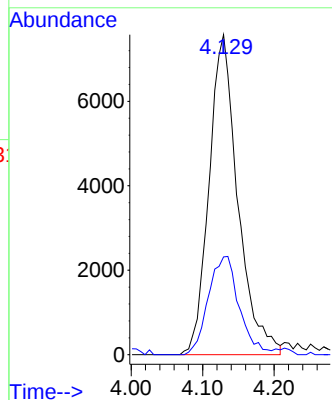
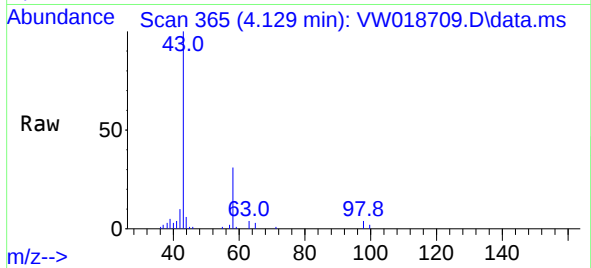




#13
Acetone
Concen: 14.26 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.000 min
Lab File: VW018709.D
Acq: 21 Apr 2021 13:58

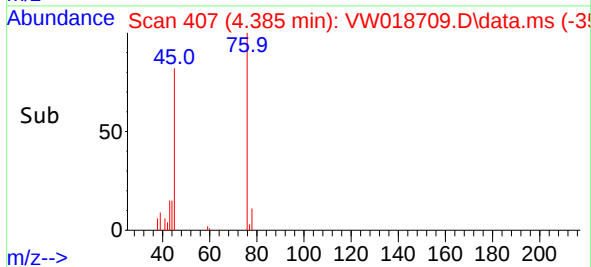
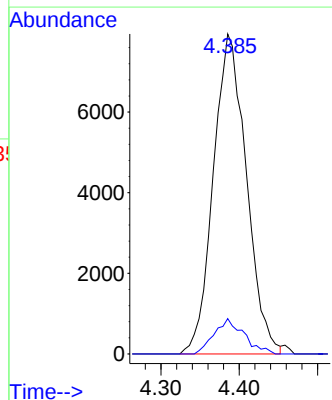
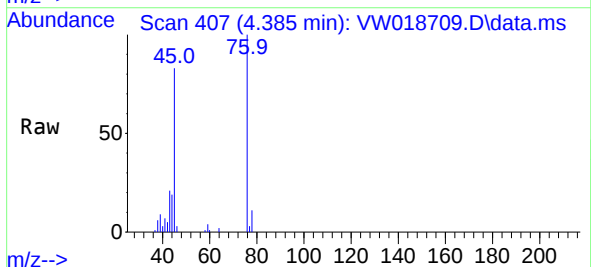
Instrument :
MSVOA_W
ClientSampled :
BG567

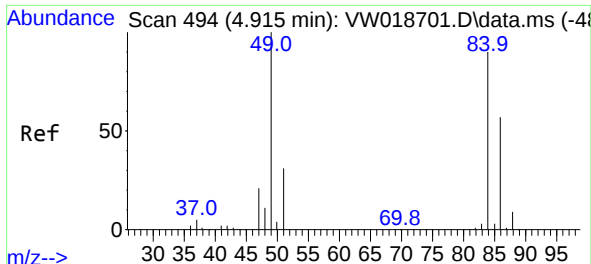
Tgt Ion: 43 Resp: 21200
Ion Ratio Lower Upper
43 100
58 32.8 0.0 53.8



#14
Carbon disulfide
Concen: 1.00 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW018709.D
Acq: 21 Apr 2021 13:58

Tgt Ion: 76 Resp: 23269
Ion Ratio Lower Upper
76 100
78 11.0 7.4 11.0#

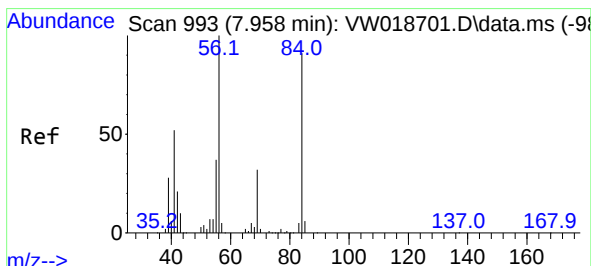
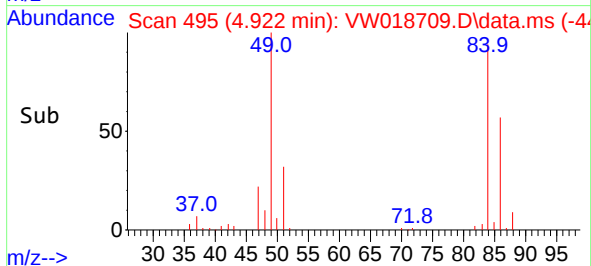
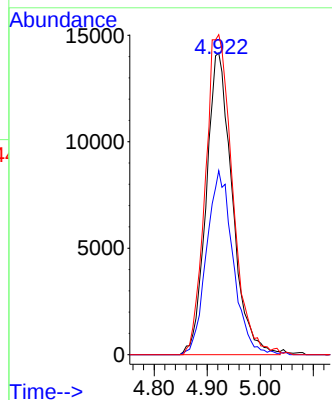
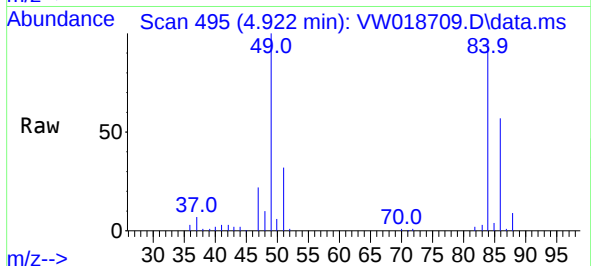




#16
Methylene chloride
Concen: 4.97 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018709.D
Acq: 21 Apr 2021 13:58

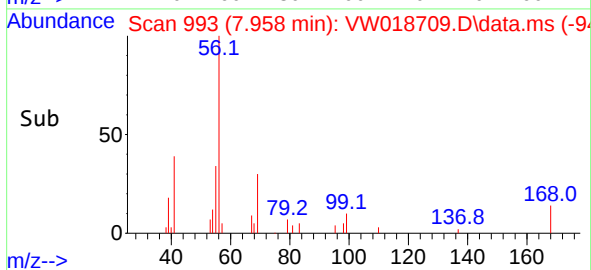
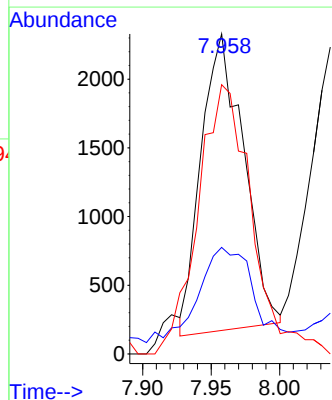
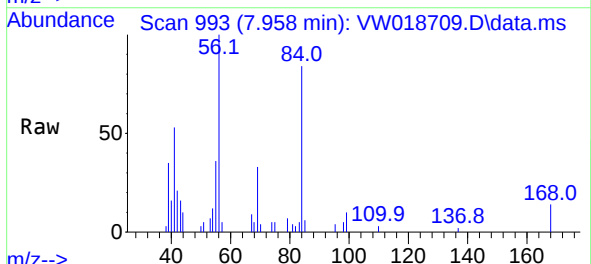
Instrument :
MSVOA_W
ClientSampled :
BG567

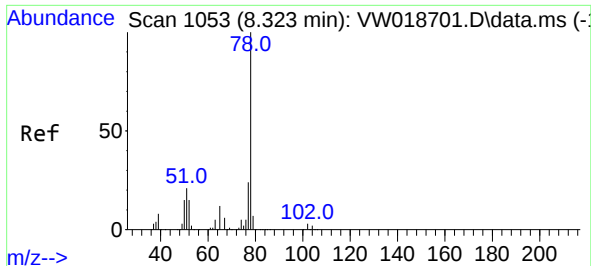
Tgt Ion:	84	Resp:	48263
Ion	Ratio	Lower	Upper
84	100		
86	61.0	45.3	84.1
49	106.1	86.6	160.8



#29
Cyclohexane
Concen: 0.44 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW018709.D
Acq: 21 Apr 2021 13:58

Tgt Ion:	56	Resp:	4662
Ion	Ratio	Lower	Upper
56	100		
69	25.6	24.5	36.7
84	109.4	75.0	112.4

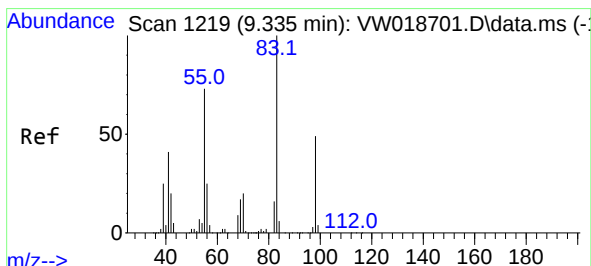
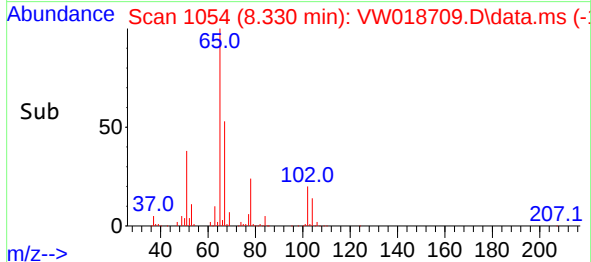
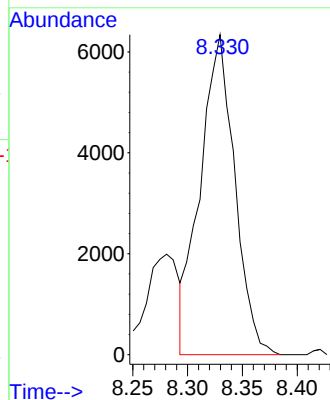
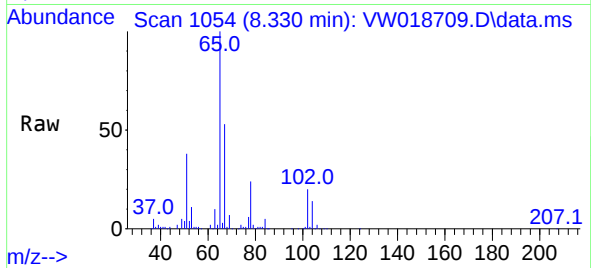




#33
Benzene
Concen: 0.52 ug/L
RT: 8.330 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW018709.D
Acq: 21 Apr 2021 13:58

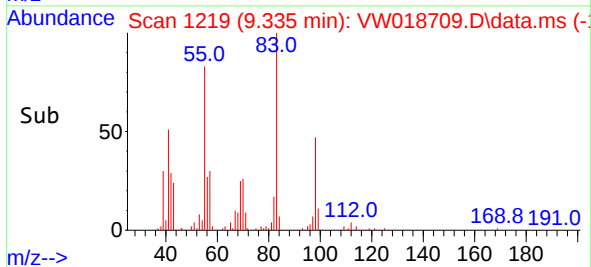
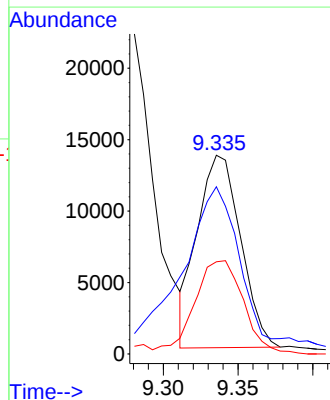
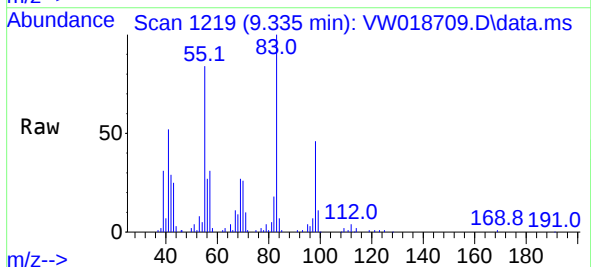
Instrument :
MSVOA_W
ClientSampled :
BG567

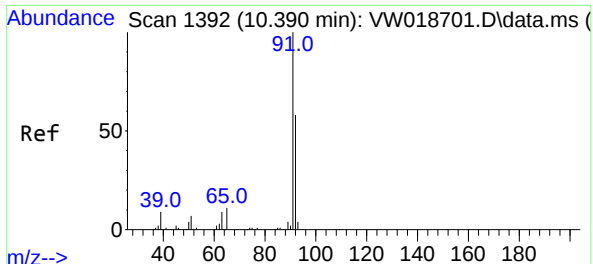
Tgt Ion: 78 Resp: 13887



#35
Methylcyclohexane
Concen: 2.26 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018709.D
Acq: 21 Apr 2021 13:58

Tgt Ion: 83 Resp: 27150
Ion Ratio Lower Upper
83 100
55 112.3 58.9 88.3#
98 54.8 40.1 60.1

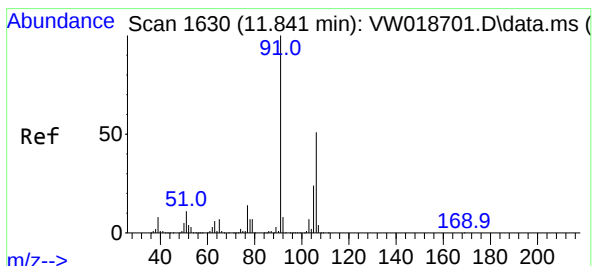
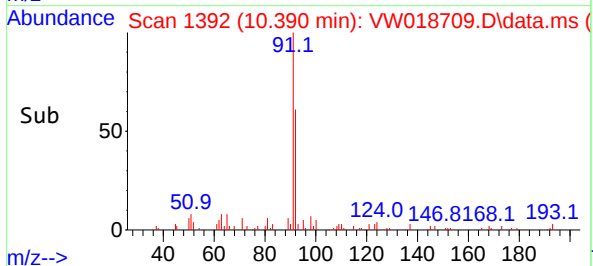
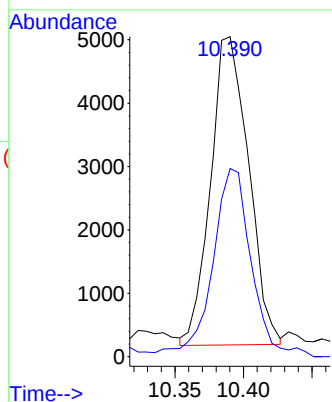
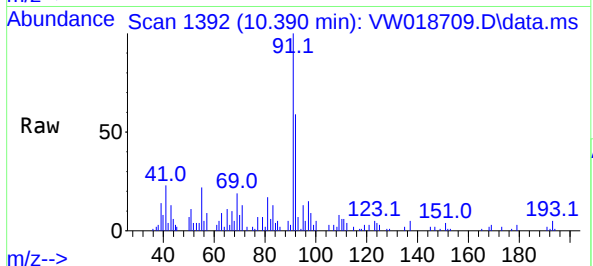




#42
Toluene
Concen: 0.33 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW018709.D
Acq: 21 Apr 2021 13:58

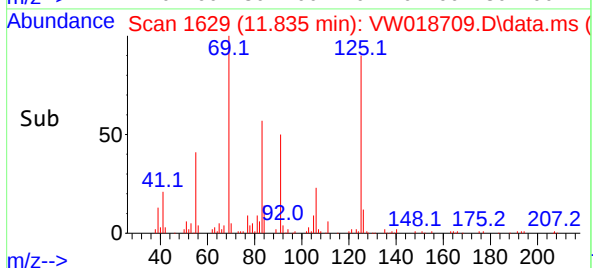
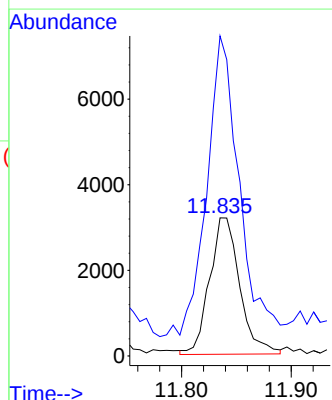
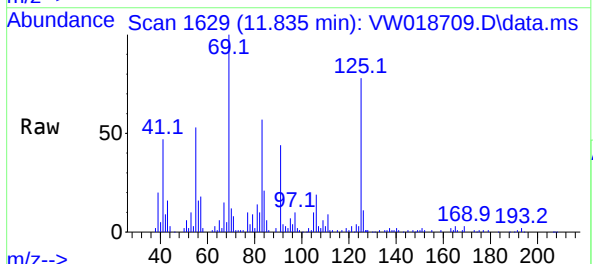
Instrument :
MSVOA_W
ClientSampled :
BG567

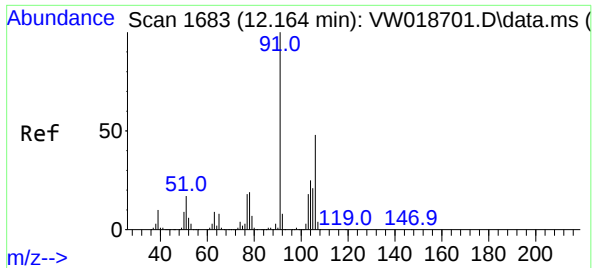
Tgt Ion: 91 Resp: 9371
Ion Ratio Lower Upper
91 100
92 58.8 39.5 73.3



#53
m,p-Xylene
Concen: 0.52 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW018709.D
Acq: 21 Apr 2021 13:58

Tgt Ion: 106 Resp: 6102
Ion Ratio Lower Upper
106 100
91 231.7 141.3 262.3





#54
o-Xylene
Concen: 0.84 ug/L
RT: 12.170 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VW018709.D
Acq: 21 Apr 2021 13:58

Instrument :
MSVOA_W
ClientSampleId :
BG567

Tgt Ion:106 Resp: 9443
Ion Ratio Lower Upper
106 100
91 190.0 150.0 278.6

