

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042321\
 Data File : VW018760.D
 Acq On : 23 Apr 2021 16:09
 Operator : SY/VA
 Sample : M2165-07
 Misc : 6.69G/10ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB3E8

Quant Time: Apr 24 00:18:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 24 00:16:05 2021
 Response via : Initial Calibration

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

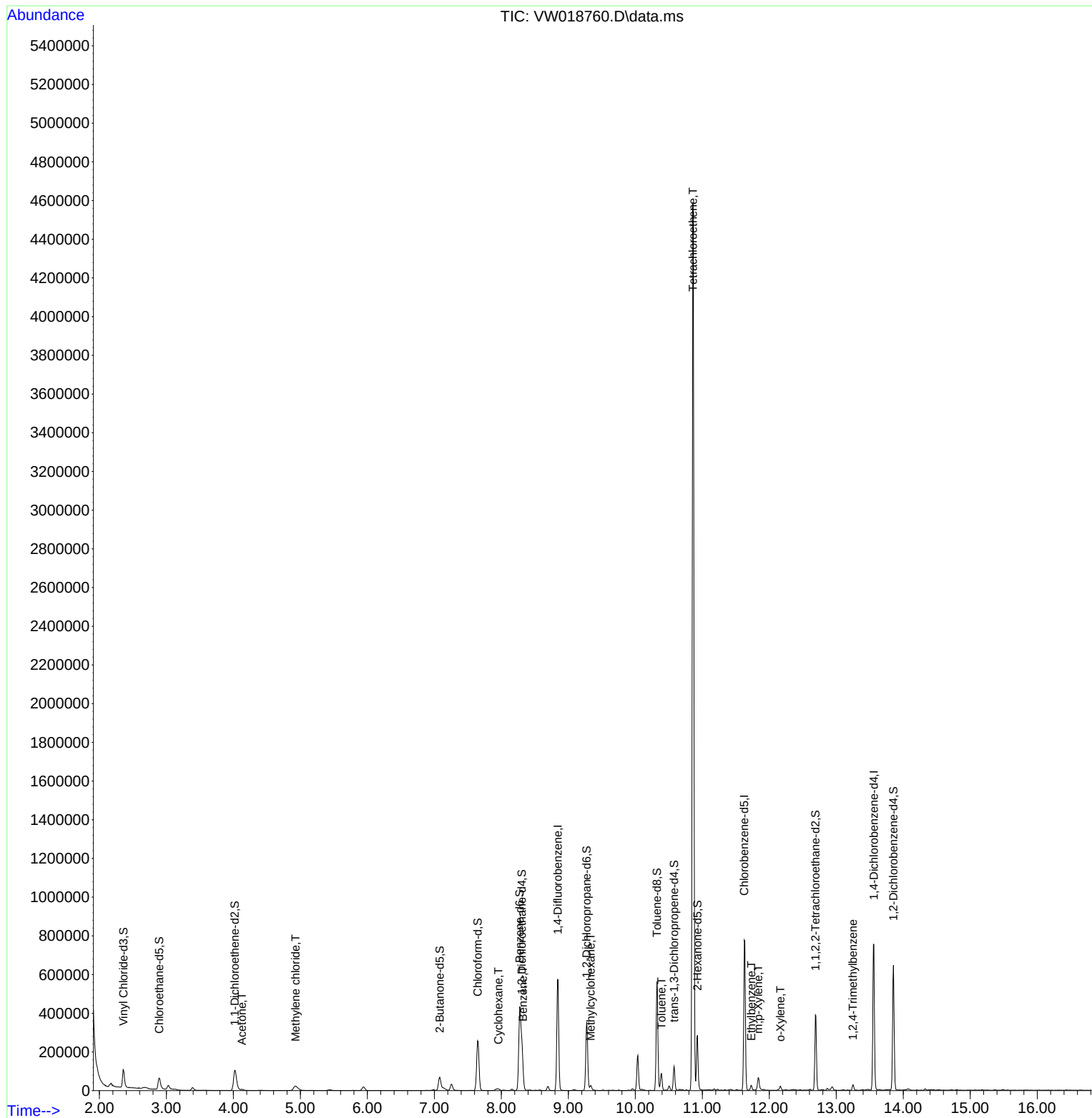
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	478712	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	425982	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	187297	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	88959	12.23	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	48.92%		
7) Chloroethane-d5	2.892	69	82619	12.81	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	51.24%		
11) 1,1-Dichloroethene-d2	4.019	63	120844	9.57	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	38.28%#		
21) 2-Butanone-d5	7.080	46	114054	68.88	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	137.76%#		
24) Chloroform-d	7.647	84	267515	20.36	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	81.44%		
26) 1,2-Dichloroethane-d4	8.305	65	166241	22.51	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	90.04%		
32) Benzene-d6	8.275	84	442698	17.72	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	70.88%		
36) 1,2-Dichloropropane-d6	9.274	67	164438	21.84	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	87.36%		
41) Toluene-d8	10.323	98	365042	15.97	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	63.88%		
43) trans-1,3-Dichloroprop...	10.579	79	67681	21.11	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	84.44%		
47) 2-Hexanone-d5	10.927	63	101662	77.63	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	155.26%#		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	196206	31.20	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	124.80%#		
66) 1,2-Dichlorobenzene-d4	13.853	152	158047	24.02	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	96.08%		
Target Compounds					Qvalue	
13) Acetone	4.129	43	7843	6.52	ug/L	84
16) Methylene chloride	4.928	84	20431	2.60	ug/L	82
29) Cyclohexane	7.958	56	4923	0.47	ug/L	85
33) Benzene	8.323	78	23398	0.87	ug/L	100
35) Methylcyclohexane	9.335	83	9154	0.76	ug/L	92
42) Toluene	10.390	91	64928	2.26	ug/L	97
46) Tetrachloroethene	10.860	164	971203	199.57	ug/L	95
52) Ethylbenzene	11.731	91	17302	0.55	ug/L	93
53) m,p-Xylene	11.835	106	16528	1.42	ug/L	82
54) o-Xylene	12.164	106	4954	0.44	ug/L	90
63) 1,2,4-Trimethylbenzene	13.249	105	15742	0.69	ug/L	100

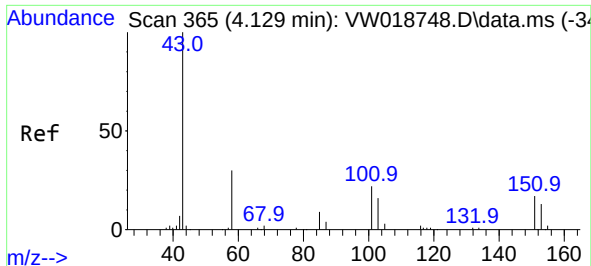
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Apr 24 00:16:05 2021
Response via : Initial Calibration

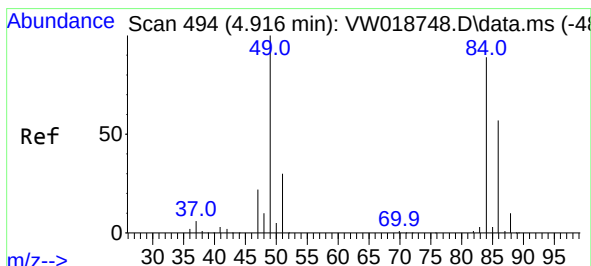
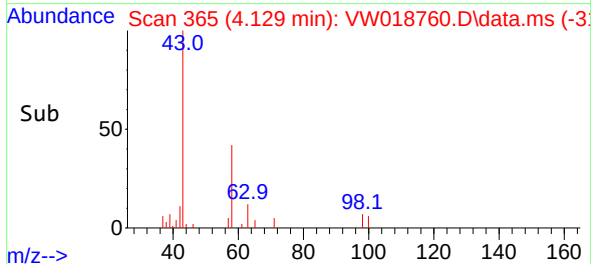
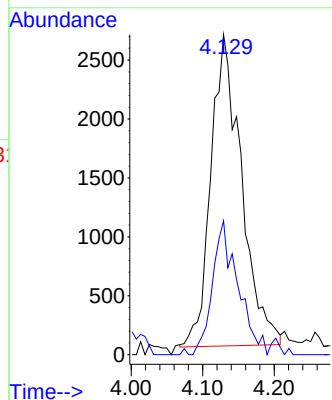
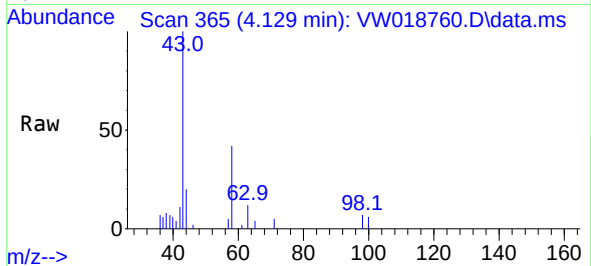




#13
Acetone
Concen: 6.52 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.000 min
Lab File: VW018760.D
Acq: 23 Apr 2021 16:09

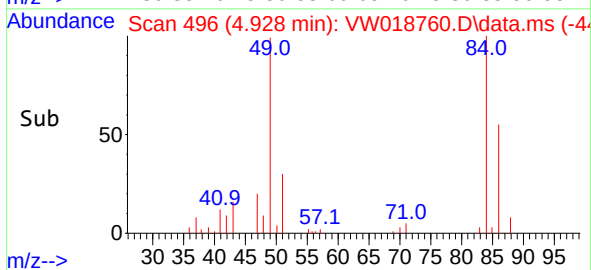
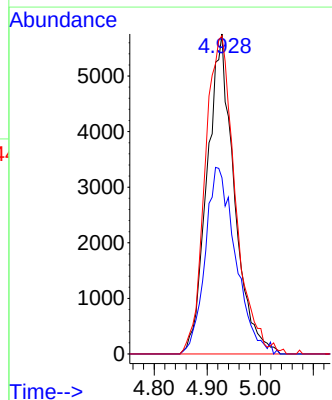
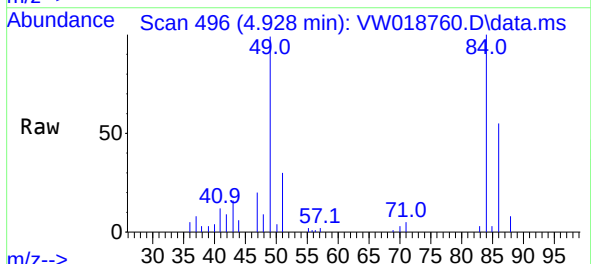
Instrument :
MSVOA_W
ClientSampled :
GB3E8

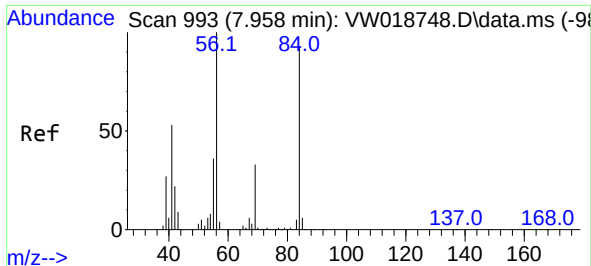
Tgt Ion: 43 Resp: 7843
Ion Ratio Lower Upper
43 100
58 35.0 0.0 53.8



#16
Methylene chloride
Concen: 2.60 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.012 min
Lab File: VW018760.D
Acq: 23 Apr 2021 16:09

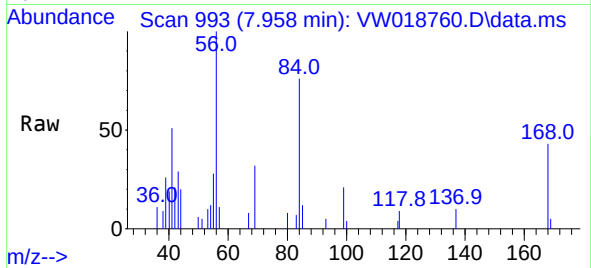
Tgt Ion: 84 Resp: 20431
Ion Ratio Lower Upper
84 100
86 55.0 45.3 84.1
49 99.5 86.6 160.8





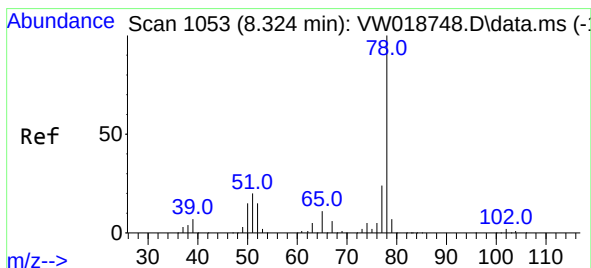
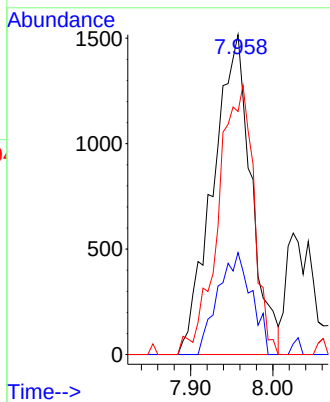
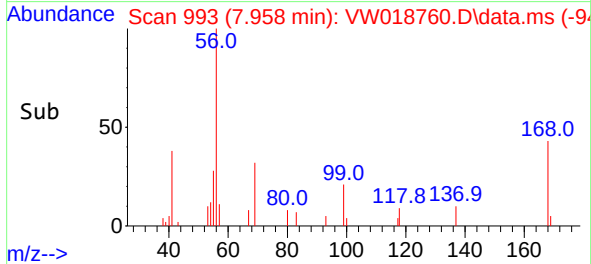
#29
Cyclohexane
Concen: 0.47 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW018760.D
Acq: 23 Apr 2021 16:09

Instrument :
MSVOA_W
ClientSampleId :
GB3E8



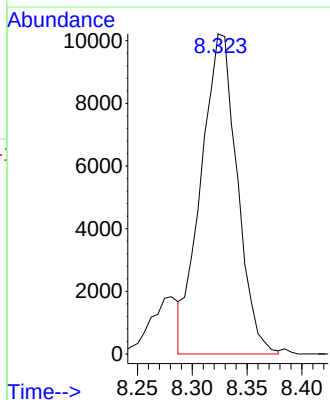
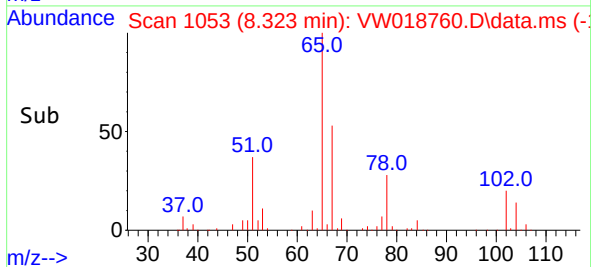
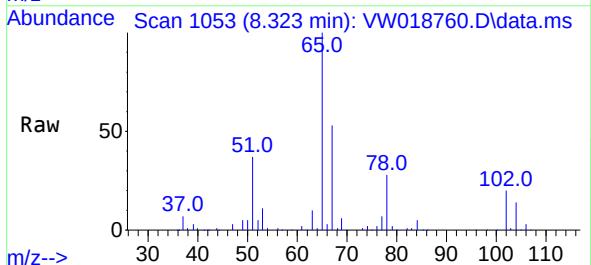
Tgt Ion: 56 Resp: 4923

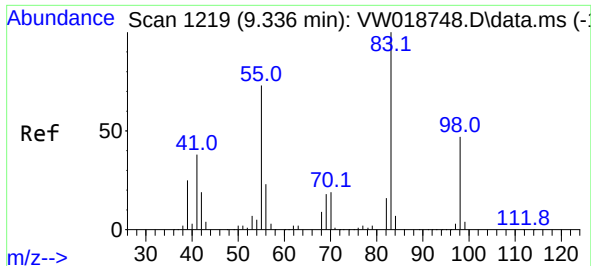
Ion	Ratio	Lower	Upper
56	100		
69	27.9	24.5	36.7
84	76.3	75.0	112.4



#33
Benzene
Concen: 0.87 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018760.D
Acq: 23 Apr 2021 16:09

Tgt Ion: 78 Resp: 23398

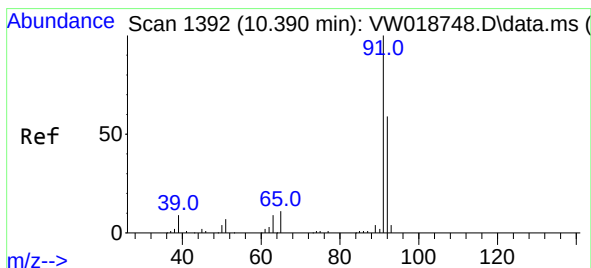
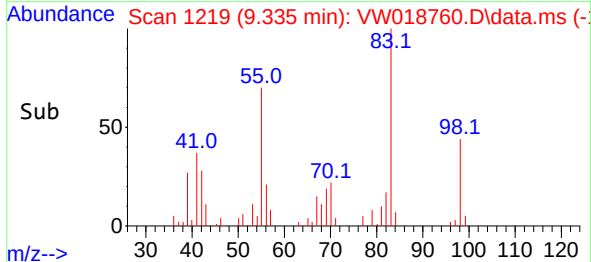
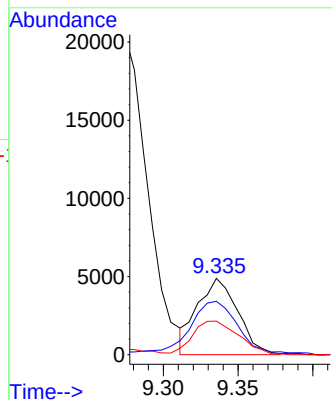
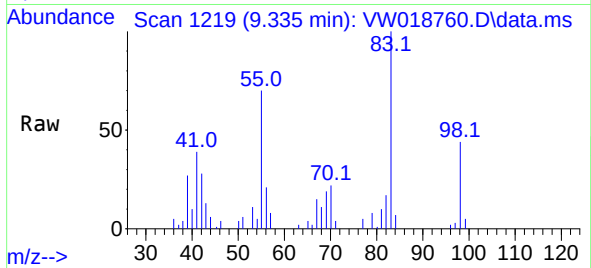




#35
Methylcyclohexane
Concen: 0.76 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018760.D
Acq: 23 Apr 2021 16:09

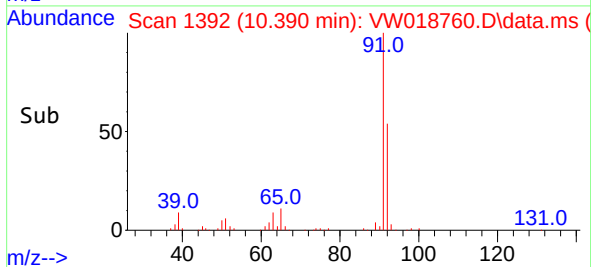
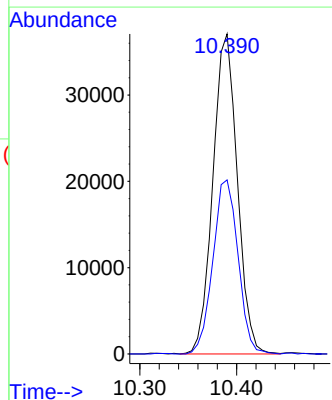
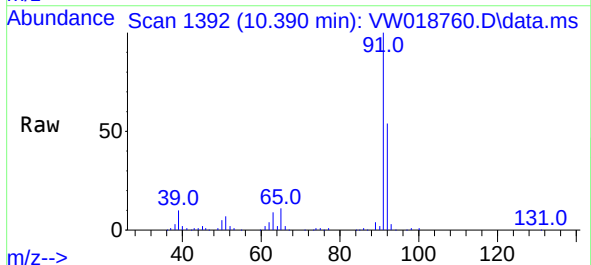
Instrument :
MSVOA_W
ClientSampled :
GB3E8

Tgt Ion: 83 Resp: 9154
Ion Ratio Lower Upper
83 100
55 85.4 58.9 88.3
98 50.2 40.1 60.1

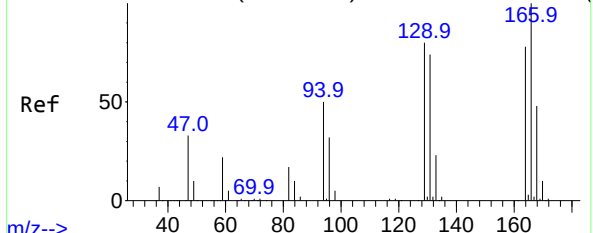


#42
Toluene
Concen: 2.26 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018760.D
Acq: 23 Apr 2021 16:09

Tgt Ion: 91 Resp: 64928
Ion Ratio Lower Upper
91 100
92 54.4 39.5 73.3



Abundance Scan 1469 (10.860 min): VW018748.D\data.ms (

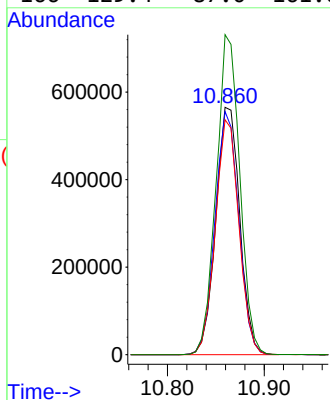
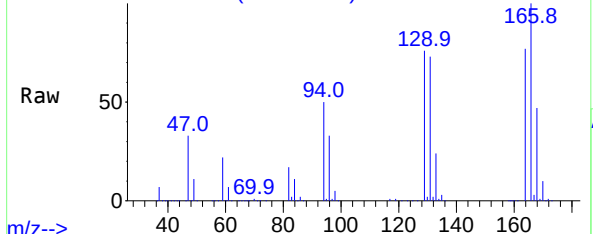


#46
Tetrachloroethene
Concen: 199.57 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW018760.D
Acq: 23 Apr 2021 16:09

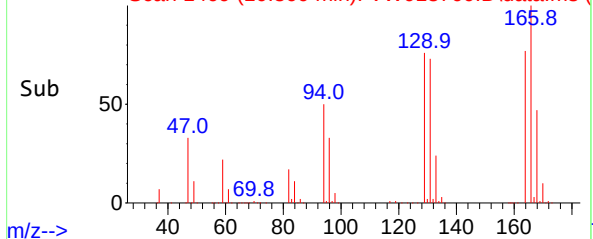
Instrument :
MSVOA_W
ClientSampled :
GB3E8

Tgt Ion:	164	Resp:	971203
Ion	Ratio	Lower	Upper
164	100		
129	98.2	66.7	123.9
131	95.0	61.1	113.5
166	129.4	87.0	161.6

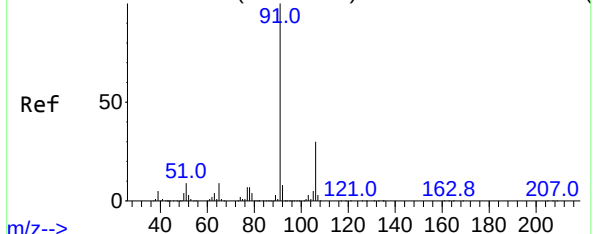
Abundance Scan 1469 (10.860 min): VW018760.D\data.ms



Abundance Scan 1469 (10.860 min): VW018760.D\data.ms (



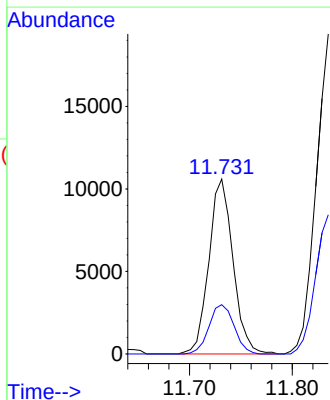
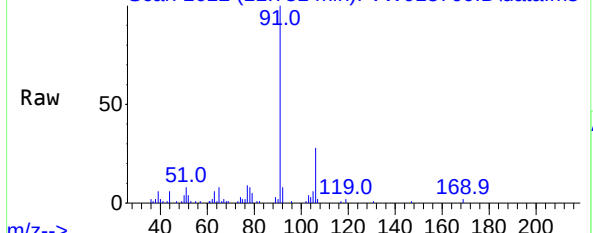
Abundance Scan 1612 (11.731 min): VW018748.D\data.ms (



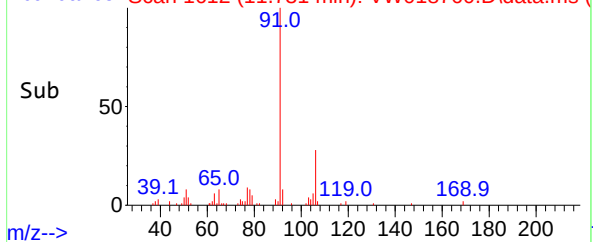
#52
Ethylbenzene
Concen: 0.55 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018760.D
Acq: 23 Apr 2021 16:09

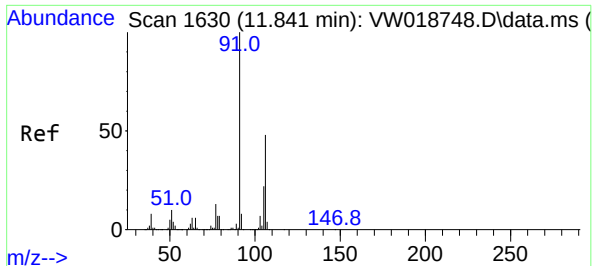
Tgt Ion:	91	Resp:	17302
Ion	Ratio	Lower	Upper
91	100		
106	28.2	22.5	41.7

Abundance Scan 1612 (11.731 min): VW018760.D\data.ms



Abundance Scan 1612 (11.731 min): VW018760.D\data.ms (

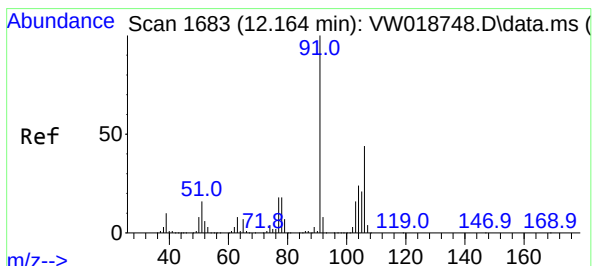
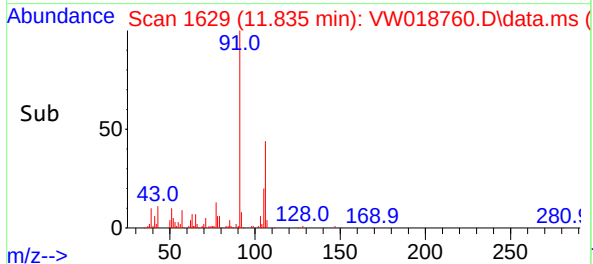
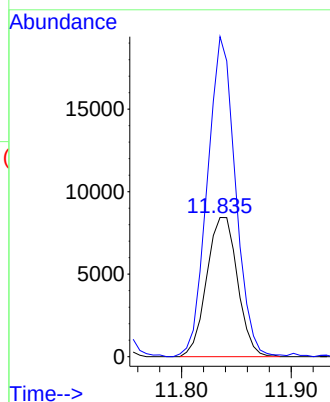
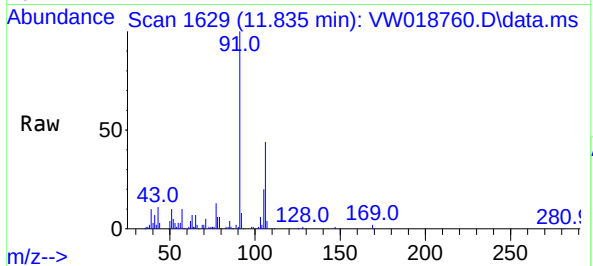




#53
m,p-Xylene
Concen: 1.42 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW018760.D
Acq: 23 Apr 2021 16:09

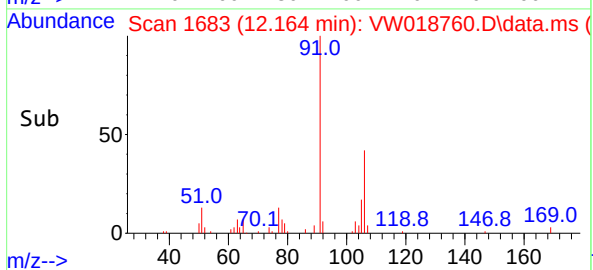
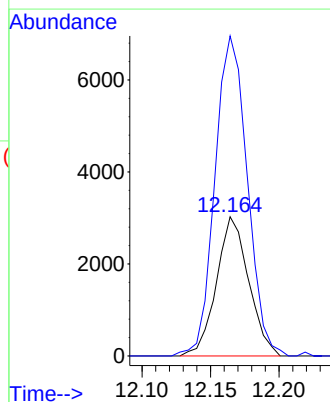
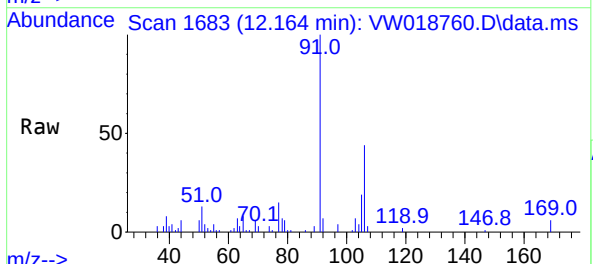
Instrument :
MSVOA_W
ClientSampled :
GB3E8

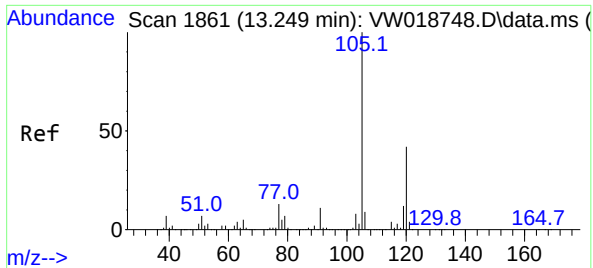
Tgt Ion:106 Resp: 16528
Ion Ratio Lower Upper
106 100
91 229.8 141.3 262.3



#54
o-Xylene
Concen: 0.44 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018760.D
Acq: 23 Apr 2021 16:09

Tgt Ion:106 Resp: 4954
Ion Ratio Lower Upper
106 100
91 229.8 150.0 278.6





#63
 1,2,4-Trimethylbenzene
 Concen: 0.69 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. -0.000 min
 Lab File: VW018760.D
 Acq: 23 Apr 2021 16:09

Instrument :
 MSVOA_W
 ClientSampleId :
 GB3E8

Tgt Ion:105 Resp: 15742
 Ion Ratio Lower Upper
 105 100
 120 44.6 35.6 53.4

