

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 :

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)

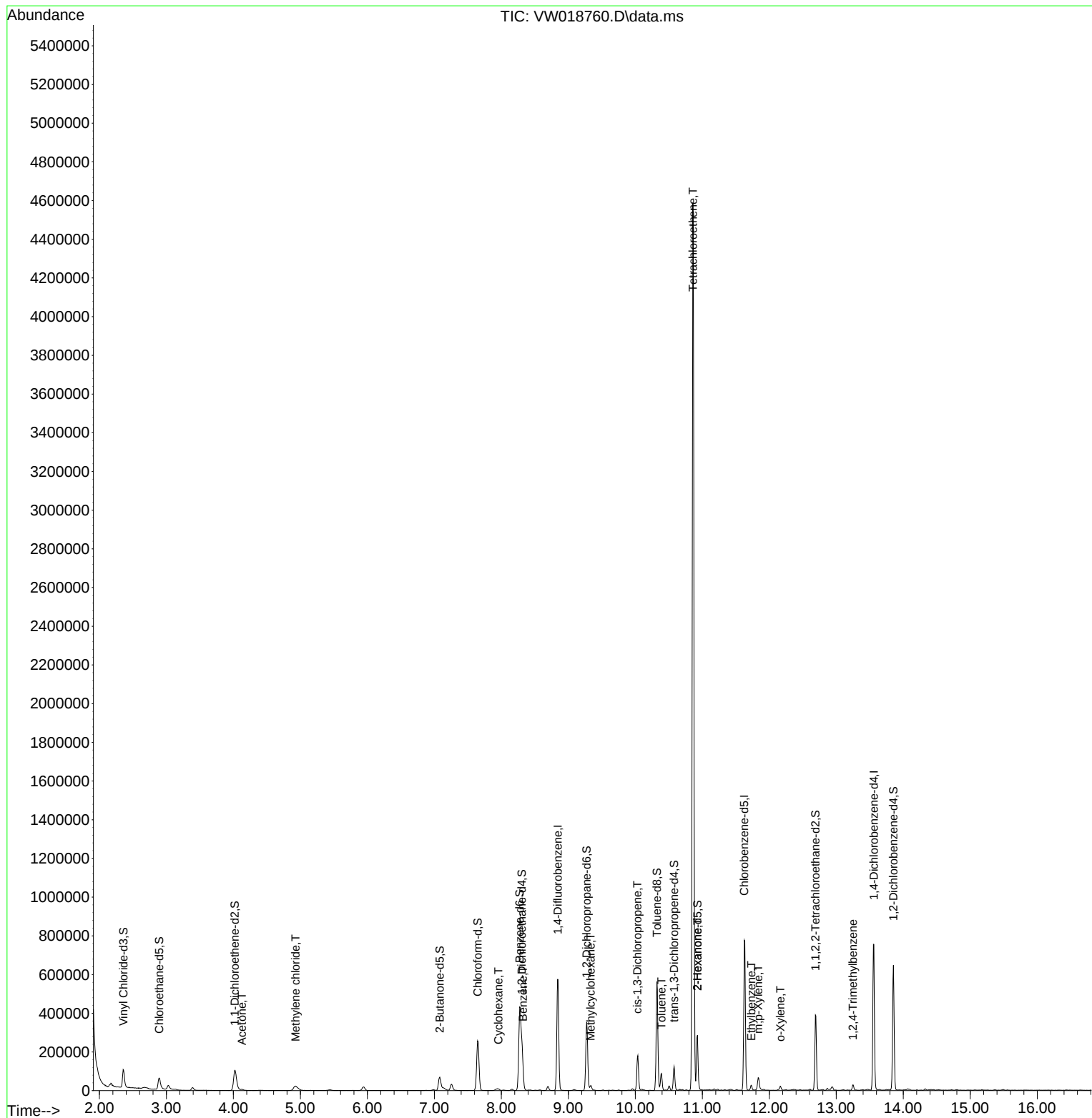
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	478712	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	425982	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	187297	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	88959	12.23	ug/L	0.00
Spiked Amount	25.000	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
39) cis-1,3-Dichloropropene	10.030	75	4867	0.48	ug/L	96
42) Toluene	10.390	91	64928	2.26	ug/L	97
46) Tetrachloroethene	10.860	164	971203	199.57	ug/L	95
48) 2-Hexanone	10.927	43	12498	4.75	ug/L #	65
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

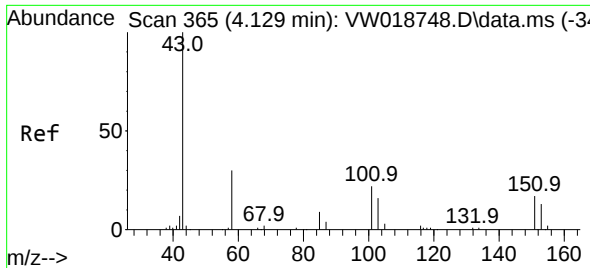
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0
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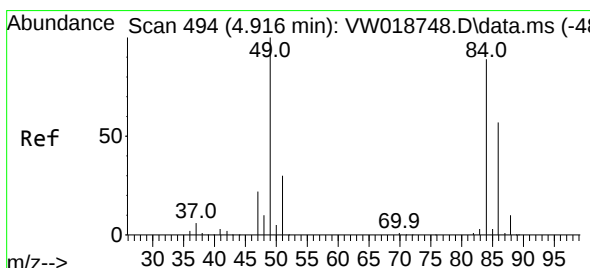
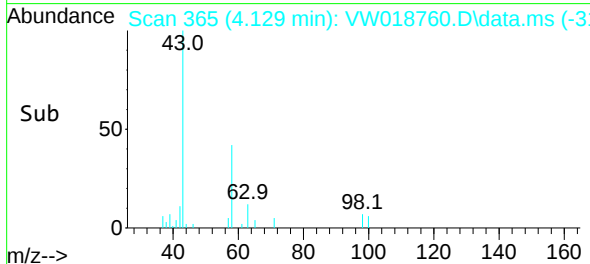
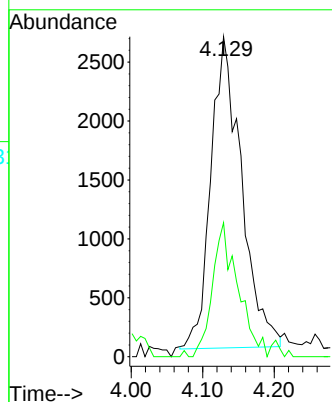
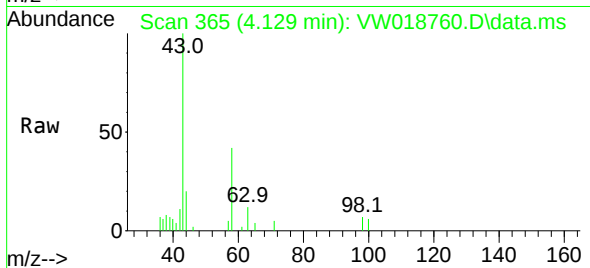




#13
Acetone
Concen: 6.52 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.000 min
Lab File: VW018760.D
Acq: 23 Apr 2021 16:09

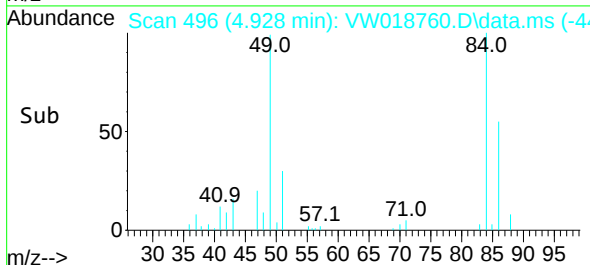
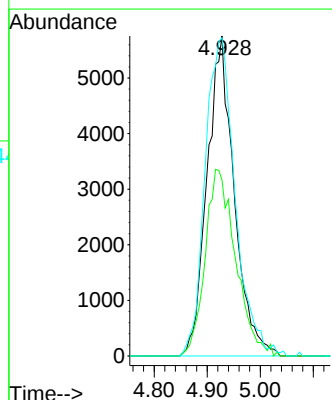
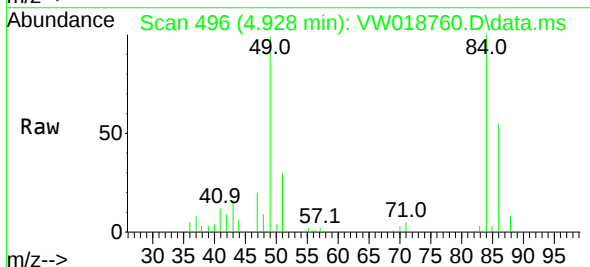
Instrument :
MSVOA_W
ClientSampled :

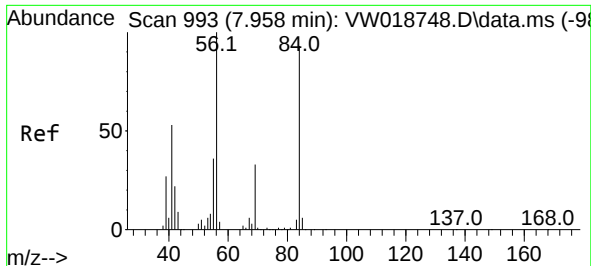
Tgt Ion: 43 Resp: 7843
Ion Ratio Lower Upper
43 100
58 35.0 0.0 53.8



#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

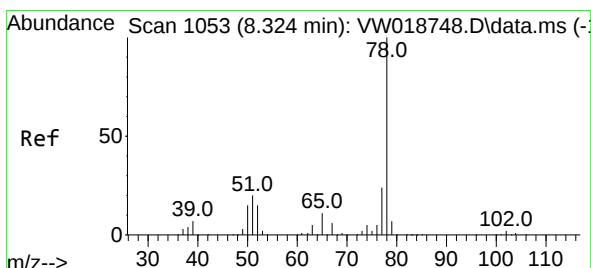
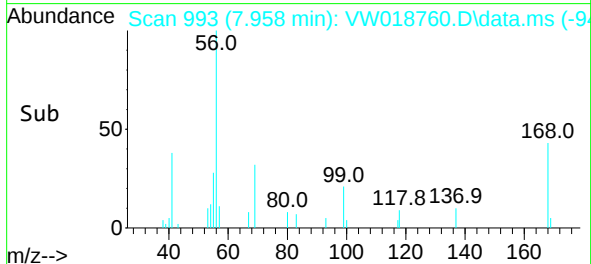
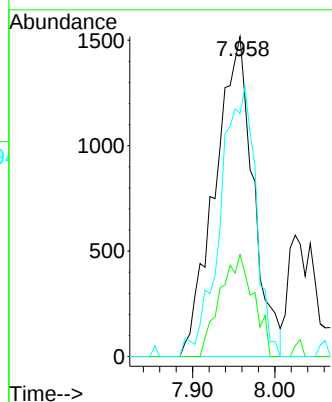
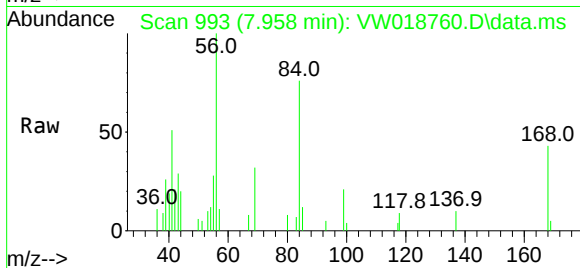




#29
Cyclohexane
Concen: 0.47 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW018760.D
Acq: 23 Apr 2021 16:09

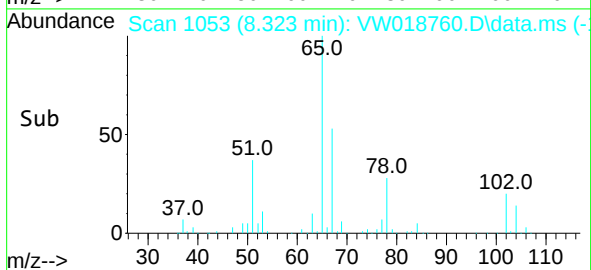
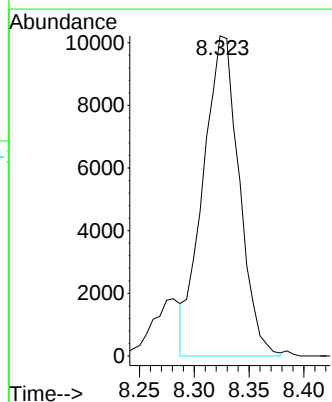
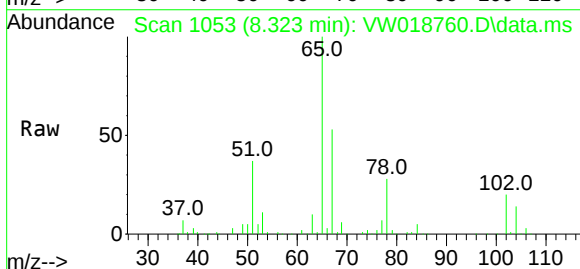
Instrument :
MSVOA_W
ClientSampleId :

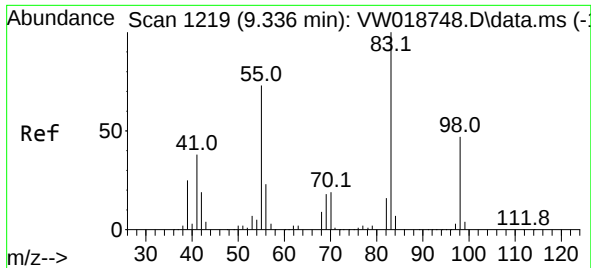
Tgt Ion: 56 Resp: 4923
Ion Ratio Lower Upper
56 100
69 27.9 24.5 36.7
84 76.3 75.0 112.4



#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

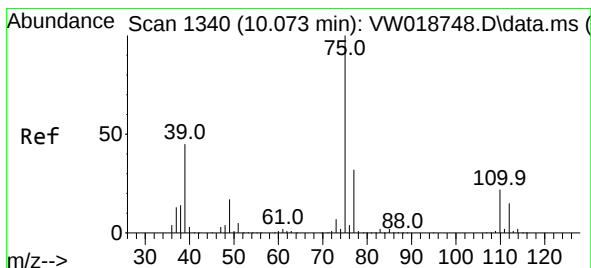
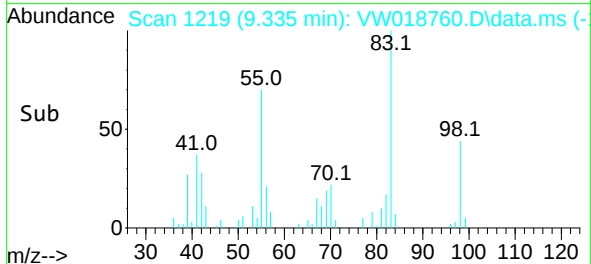
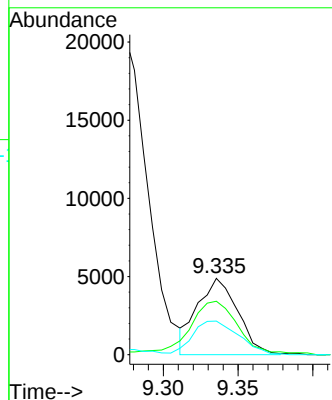
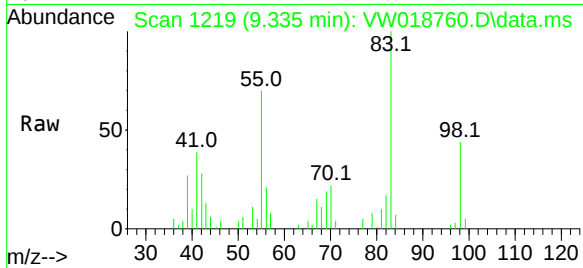




#35
Methylcyclohexane
Concen: 0.76 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018760.D
Acq: 23 Apr 2021 16:09

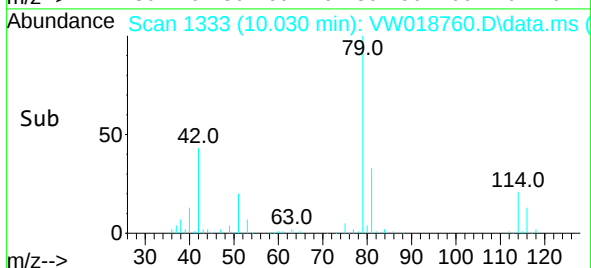
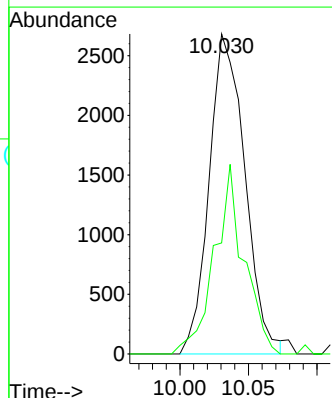
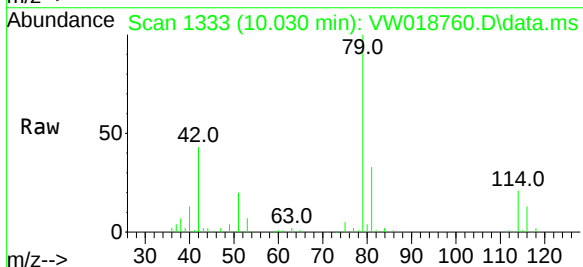
Instrument :
MSVOA_W
ClientSampled :

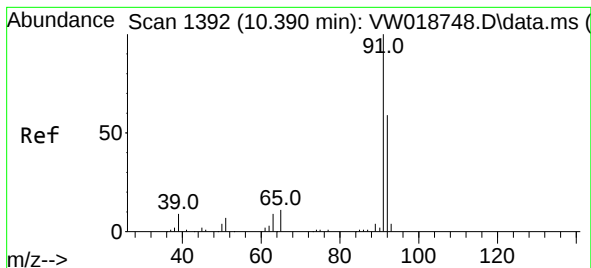
Tgt Ion: 83 Resp: 9154
Ion Ratio Lower Upper
83 100
55 85.4 58.9 88.3
98 50.2 40.1 60.1



#39
cis-1,3-Dichloropropene
Concen: 0.48 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW018760.D
Acq: 23 Apr 2021 16:09

Tgt Ion: 75 Resp: 4867
Ion Ratio Lower Upper
75 100
77 34.7 22.6 42.0





#42

Toluene

Concen: 2.26 ug/L

RT: 10.390 min Scan# 1392

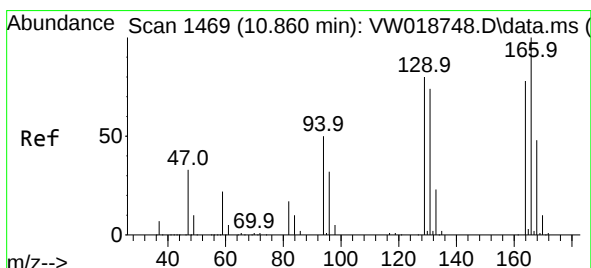
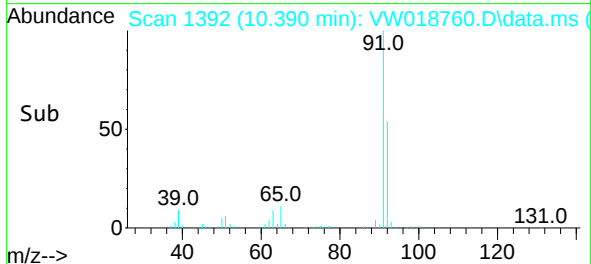
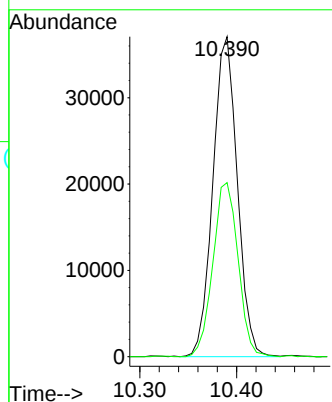
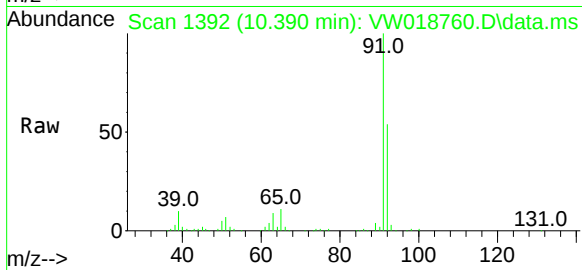
Delta R.T. -0.000 min

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



#46

Tetrachloroethene

Concen: 199.57 ug/L

RT: 10.860 min Scan# 1469

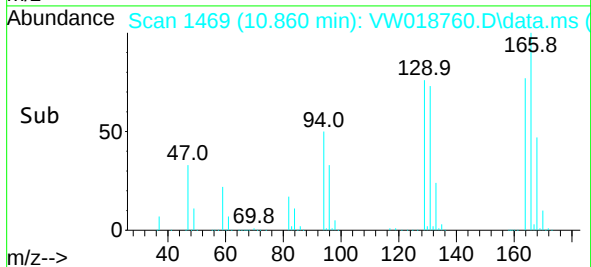
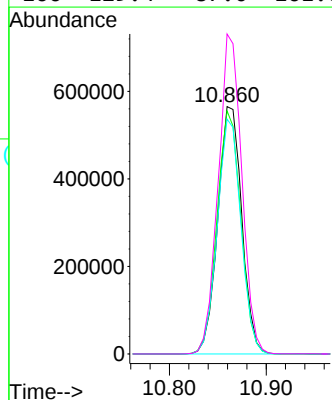
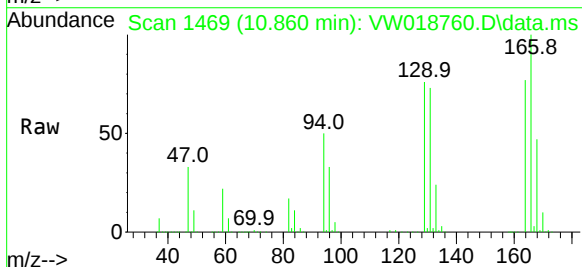
Delta R.T. -0.000 min

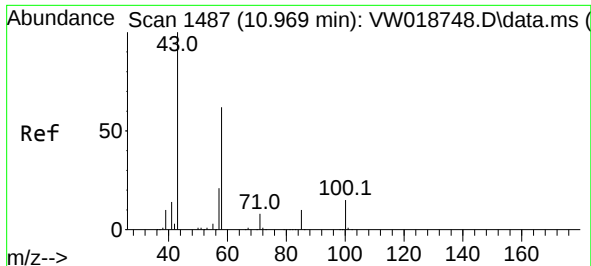
Lab File: VW018760.D

Acq: 23 Apr 2021 16:09

Tgt Ion: 164 Resp: 971203

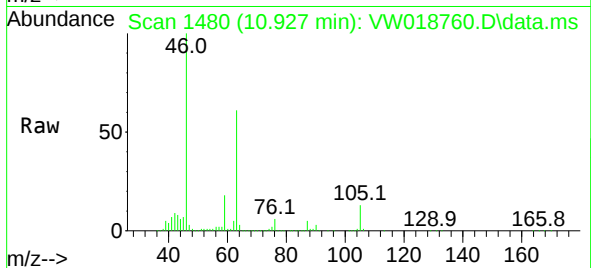
Ion	Ratio	Lower	Upper
164	100		
129	98.2	66.7	123.9
131	95.0	61.1	113.5
166	129.4	87.0	161.6



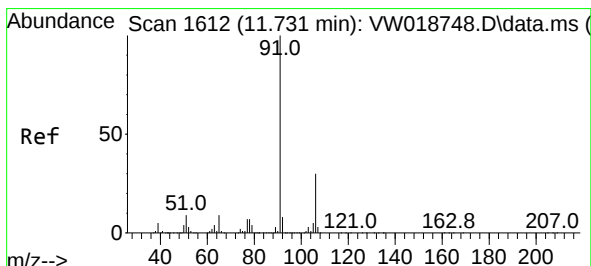
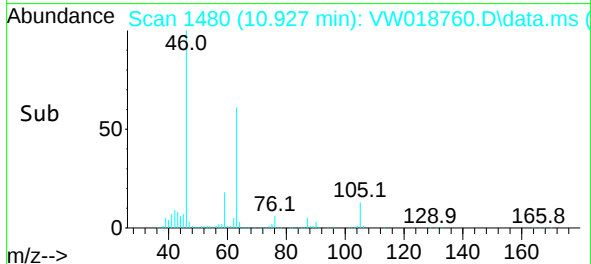
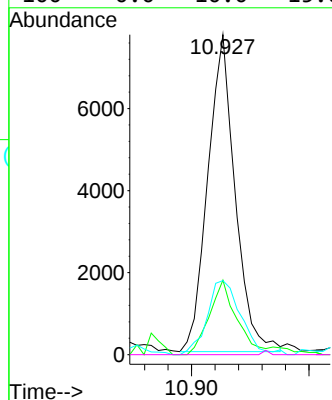


#48
2-Hexanone
Concen: 4.75 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW018760.D
Acq: 23 Apr 2021 16:09

Instrument :
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ClientSampleId :

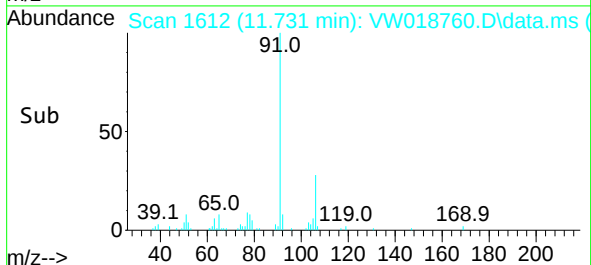
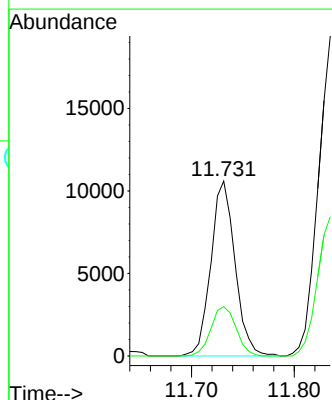
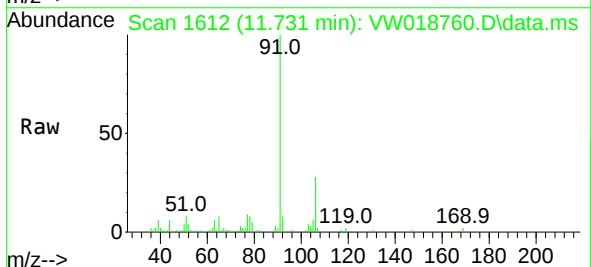


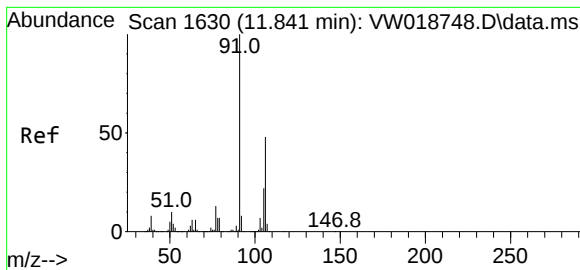
Tgt Ion: 43 Resp: 12498
Ion Ratio Lower Upper
43 100
58 23.5 42.7 64.1#
57 28.4 15.8 23.8#
100 0.0 10.0 15.0#



#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

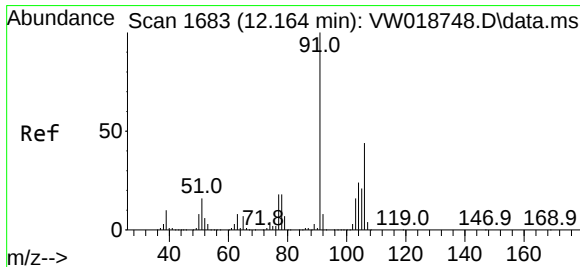
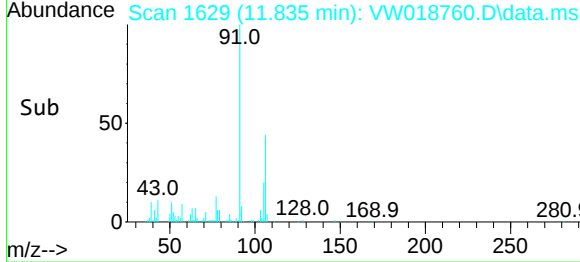
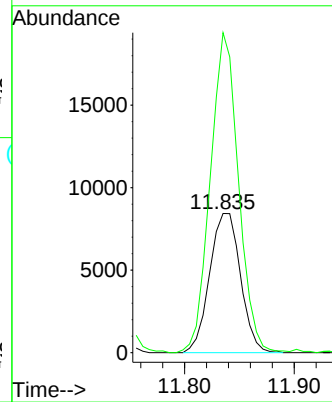
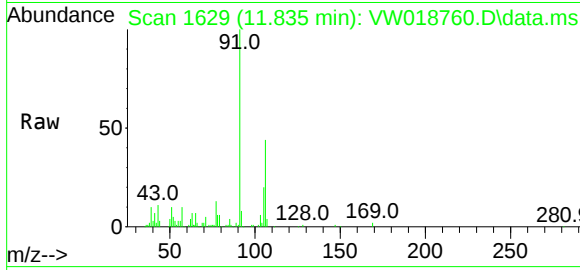




#53
m,p-Xylene
Concen: 1.42 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW018760.D
Acq: 23 Apr 2021 16:09

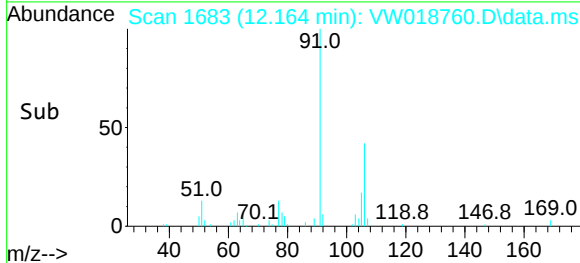
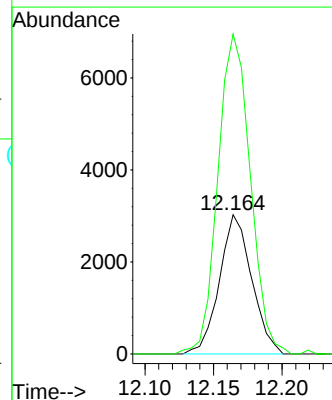
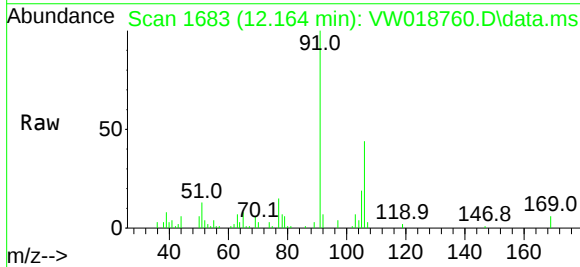
Instrument :
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ClientSampled :

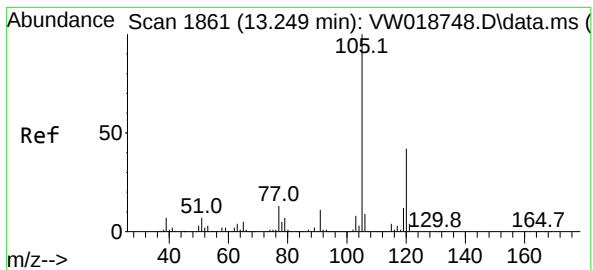
Tgt Ion:106 Resp: 16528
Ion Ratio Lower Upper
106 100
91 229.8 141.3 262.3



#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 :

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

