

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042321\
 Data File : VW018759.D
 Acq On : 23 Apr 2021 15:45
 Operator : SY/VA
 Sample : M2165-04
 Misc : 6.25G/10ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB3E5

Manual Integrations
 APPROVED

SAM
 4/27/2021 5:45:49 PM

Quant Time: Apr 24 00:18:26 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	474104	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	357593	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	139174	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	89160	12.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	49.52%		
7) Chloroethane-d5	2.891	69	83191	13.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	52.12%		
11) 1,1-Dichloroethene-d2	4.025	63	118214	9.45	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	37.80%#		
21) 2-Butanone-d5	7.074	46	123093	75.06	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	150.12%#		
24) Chloroform-d	7.653	84	265181	20.38	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	81.52%		
26) 1,2-Dichloroethane-d4	8.305	65	170652	23.33	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	93.32%		
32) Benzene-d6	8.275	84	441061	21.03	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	84.12%		
36) 1,2-Dichloropropane-d6	9.274	67	163847	25.92	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	103.68%		
41) Toluene-d8	10.323	98	346788	18.08	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	72.32%		
43) trans-1,3-Dichloroprop...	10.579	79	67159	24.95	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	99.80%		
47) 2-Hexanone-d5	10.927	63	85120	77.43	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	154.86%#		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	177299	33.58	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	134.32%#		
66) 1,2-Dichlorobenzene-d4	13.853	152	112851	23.08	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	92.32%		
Target Compounds						Qvalue
13) Acetone	4.129	43	11456	9.62	ug/L	90
16) Methylene chloride	4.922	84	20232	2.60	ug/L	92
29) Cyclohexane	7.958	56	4751	0.54	ug/L #	80
33) Benzene	8.323	78	17427	0.78	ug/L	100
34) Trichloroethene	9.091	95	47616	8.24	ug/L	94
35) Methylcyclohexane	9.335	83	9997	0.99	ug/L	95
42) Toluene	10.390	91	49352	2.05	ug/L	98
46) Tetrachloroethene	10.859	164	16719298m	4092.70	ug/L	
52) Ethylbenzene	11.731	91	13488	0.51	ug/L	94
53) m,p-Xylene	11.841	106	11714	1.20	ug/L	93
54) o-Xylene	12.164	106	3971	0.42	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	13080	0.77	ug/L	99

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

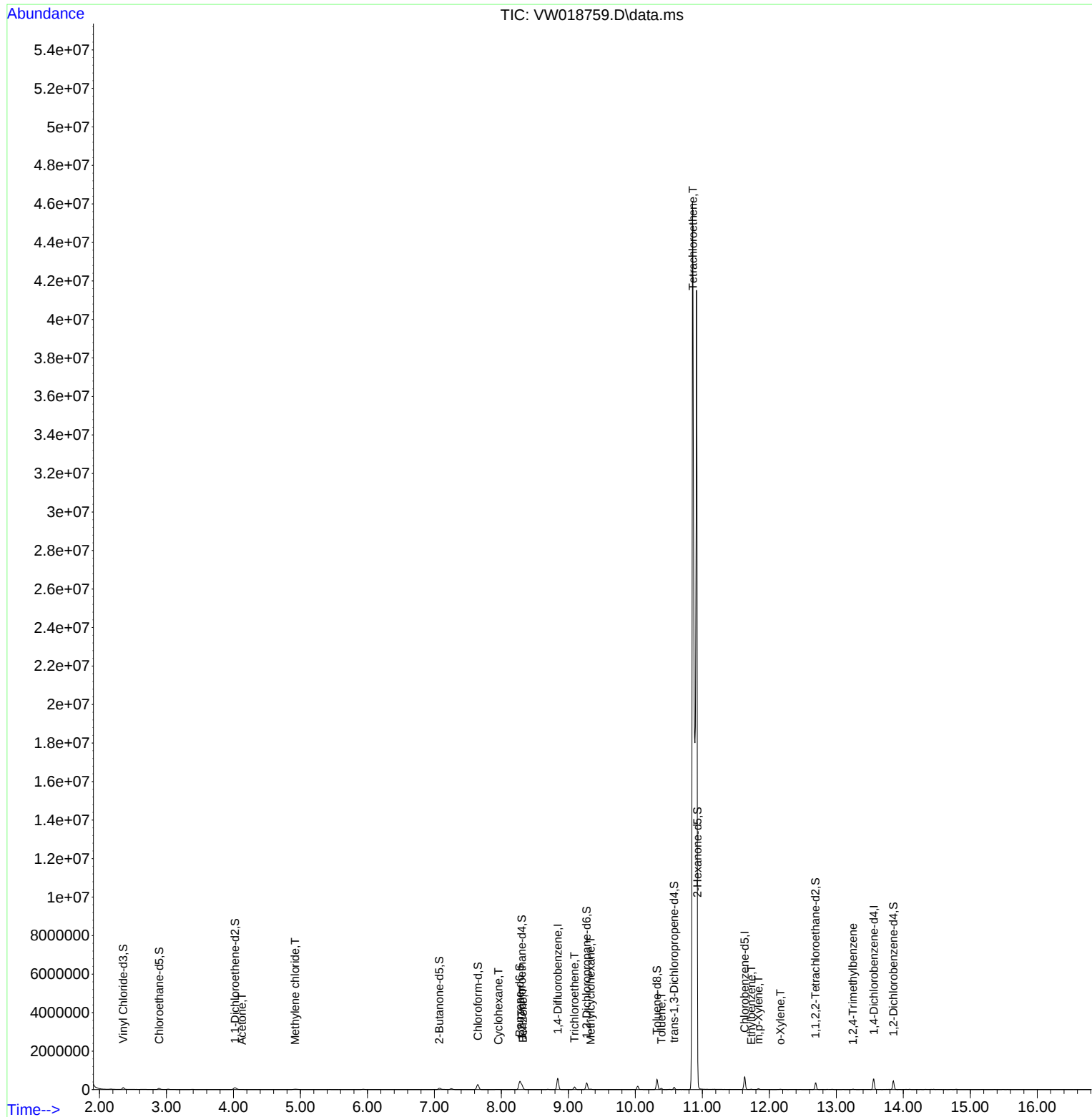
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042321\
Data File : VW018759.D
Acq On : 23 Apr 2021 15:45
Operator : SY/VA
Sample : M2165-04
Misc : 6.25G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

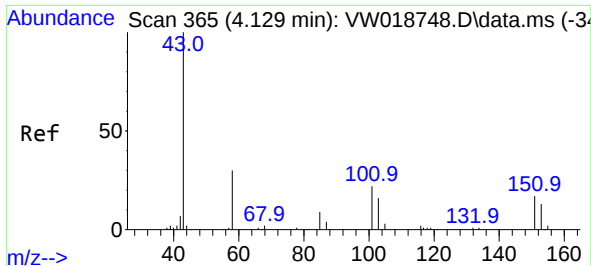
Instrument :
MSVOA_W
ClientSampleId :
GB3E5

Manual Integrations
APPROVED

SAM
4/27/2021 5:45:49 PM

Quant Time: Apr 24 00:18:26 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





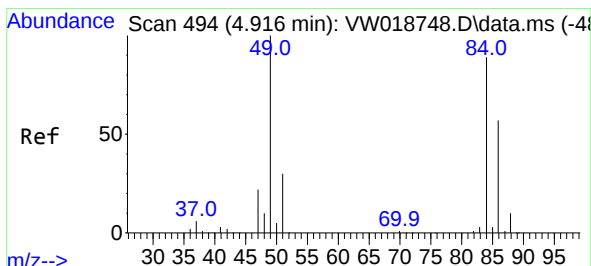
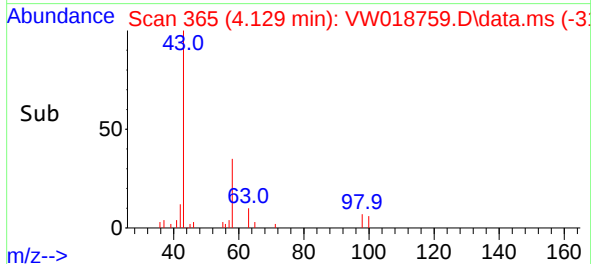
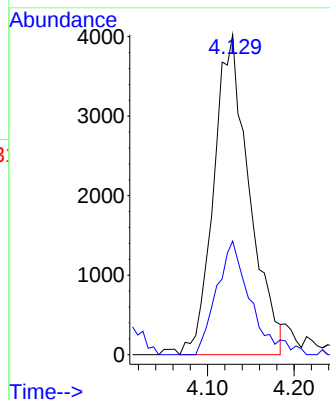
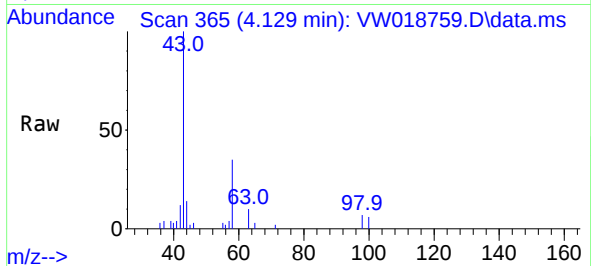
#13
Acetone
Concen: 9.62 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.000 min
Lab File: VW018759.D
Acq: 23 Apr 2021 15:45

Tgt Ion: 43 Resp: 11456
Ion Ratio Lower Upper
43 100
58 32.1 0.0 53.8

Instrument :
MSVOA_W
ClientSampled :
GB3E5

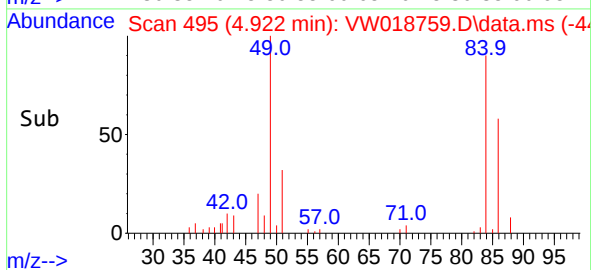
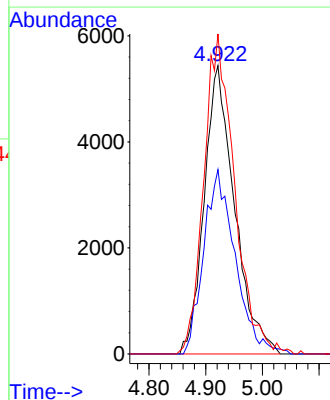
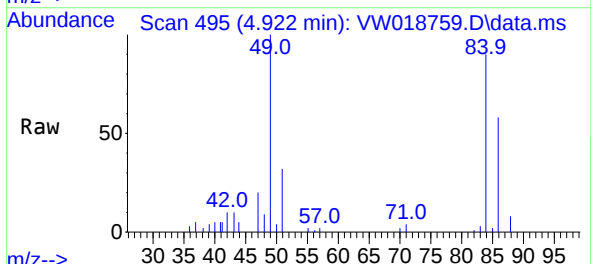
Manual Integrations
APPROVED

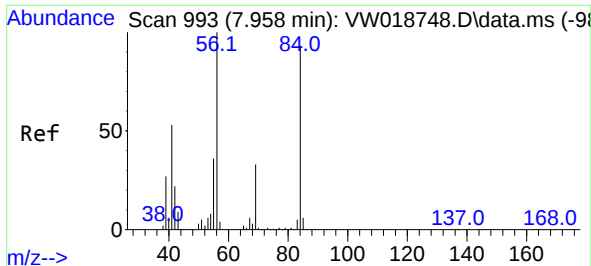
SAM
4/27/2021 5:45:49 PM



#16
Methylene chloride
Concen: 2.60 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018759.D
Acq: 23 Apr 2021 15:45

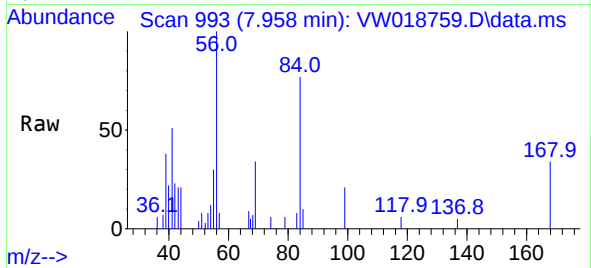
Tgt Ion: 84 Resp: 20232
Ion Ratio Lower Upper
84 100
86 63.9 45.3 84.1
49 111.0 86.6 160.8





#29
Cyclohexane
Concen: 0.54 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW018759.D
Acq: 23 Apr 2021 15:45

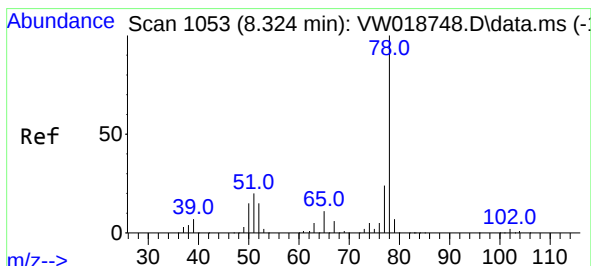
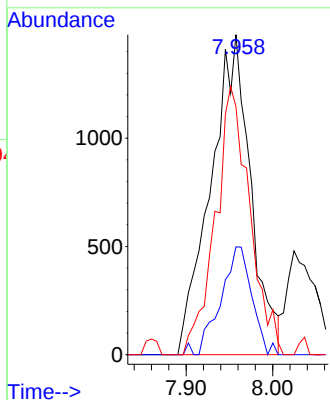
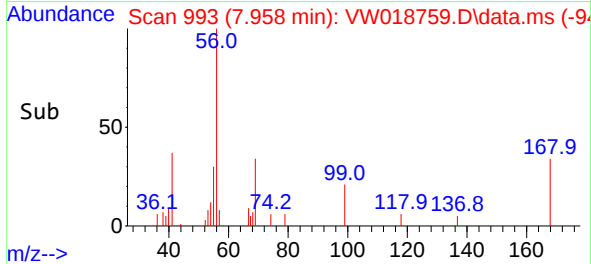
Instrument :
MSVOA_W
ClientSampled :
GB3E5



Tgt Ion: 56 Resp: 4751
Ion Ratio Lower Upper
56 100
69 25.4 24.5 36.7
84 71.7 75.0 112.4#

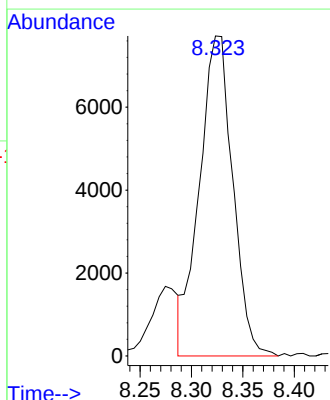
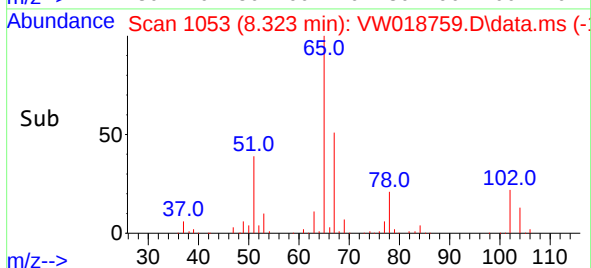
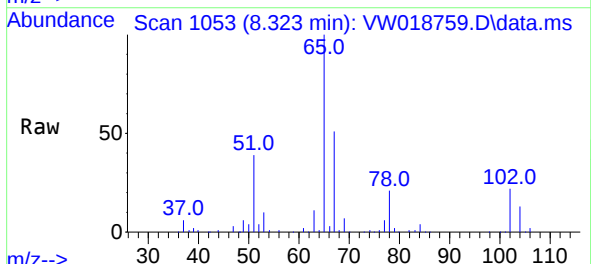
Manual Integrations
APPROVED

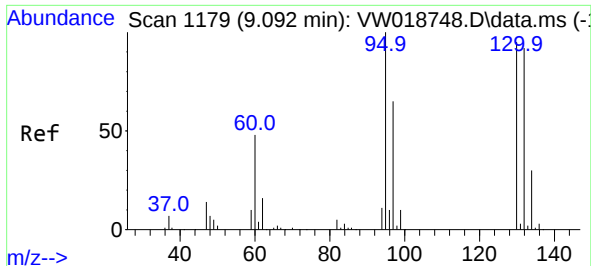
SAM
4/27/2021 5:45:49 PM



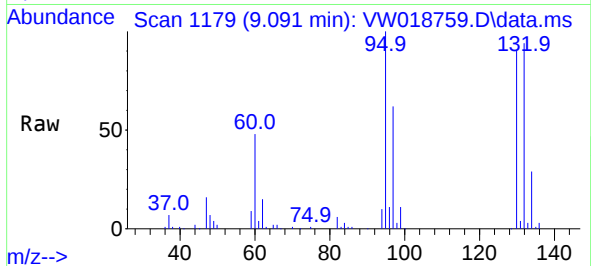
#33
Benzene
Concen: 0.78 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018759.D
Acq: 23 Apr 2021 15:45

Tgt Ion: 78 Resp: 17427



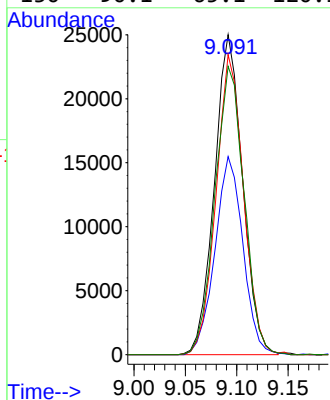


#34
Trichloroethene
Concen: 8.24 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018759.D
Acq: 23 Apr 2021 15:45



Tgt Ion: 95 Resp: 47616

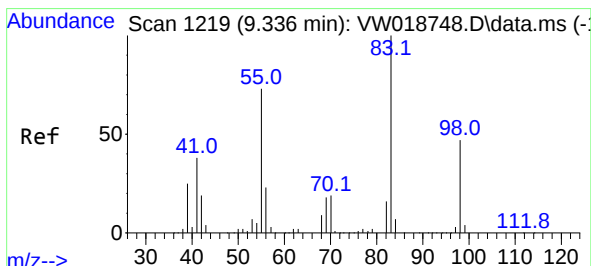
Ion	Ratio	Lower	Upper
95	100		
97	61.9	47.3	87.8
132	93.8	71.0	131.8
130	90.1	65.1	120.9



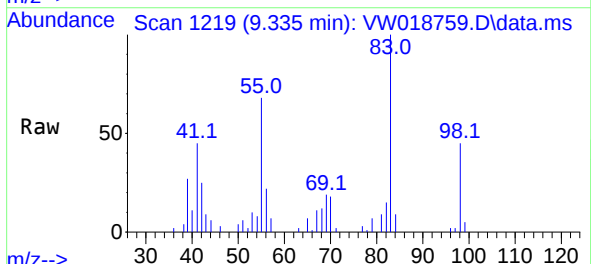
Instrument :
MSVOA_W
ClientSampled :
GB3E5

Manual Integrations
APPROVED

SAM
4/27/2021 5:45:49 PM

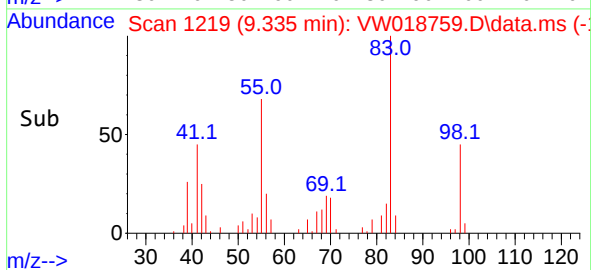
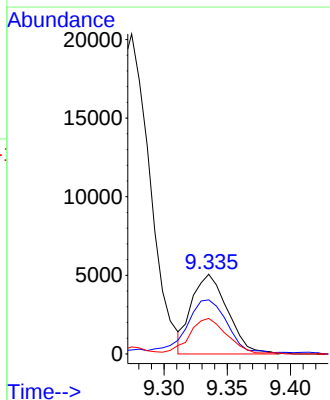


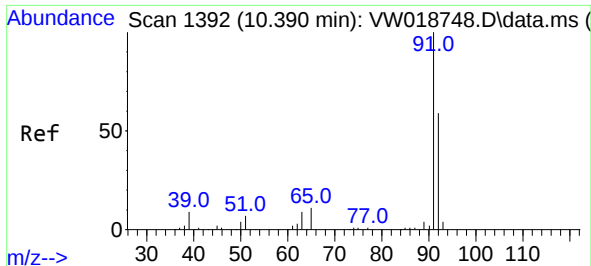
#35
Methylcyclohexane
Concen: 0.99 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018759.D
Acq: 23 Apr 2021 15:45



Tgt Ion: 83 Resp: 9997

Ion	Ratio	Lower	Upper
83	100		
55	77.0	58.9	88.3
98	46.4	40.1	60.1





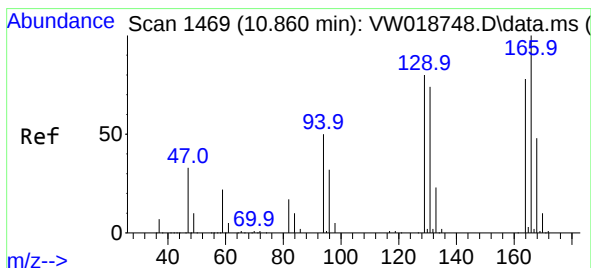
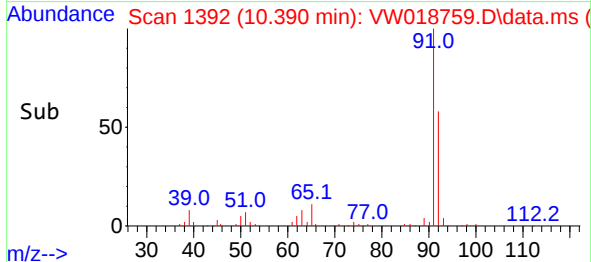
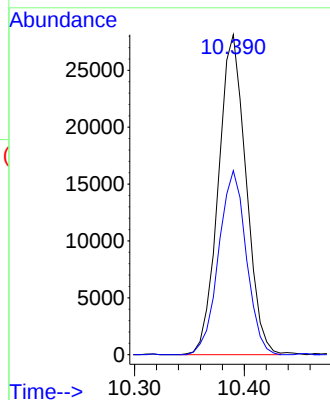
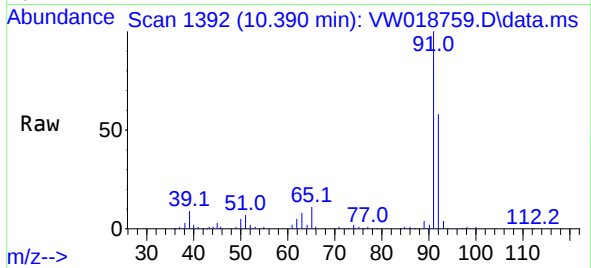
#42
Toluene
Concen: 2.05 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018759.D
Acq: 23 Apr 2021 15:45

Tgt Ion: 91 Resp: 49352
Ion Ratio Lower Upper
91 100
92 57.5 39.5 73.3

Instrument :
MSVOA_W
ClientSampled :
GB3E5

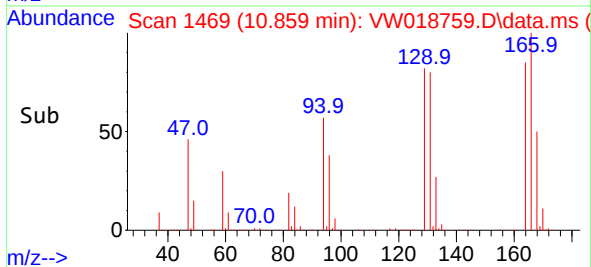
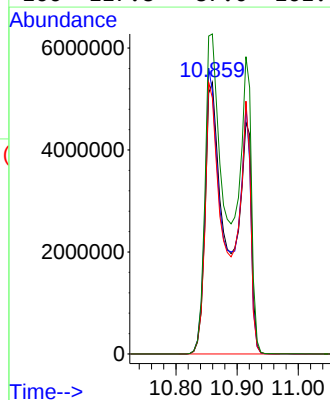
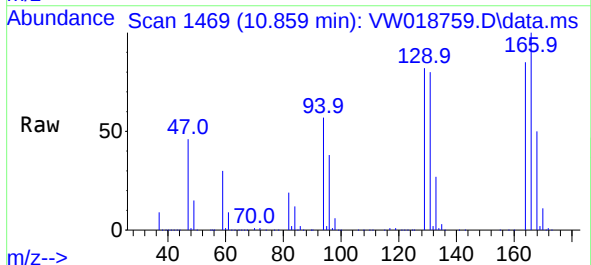
Manual Integrations
APPROVED

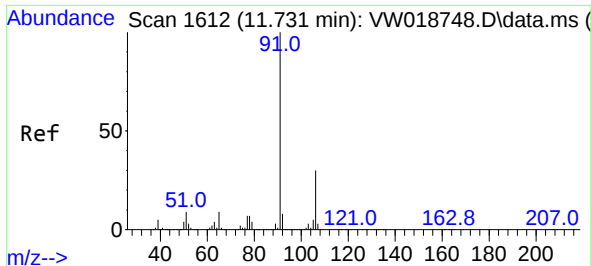
SAM
4/27/2021 5:45:49 PM



#46
Tetrachloroethene
Concen: 4092.70 ug/L m
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW018759.D
Acq: 23 Apr 2021 15:45

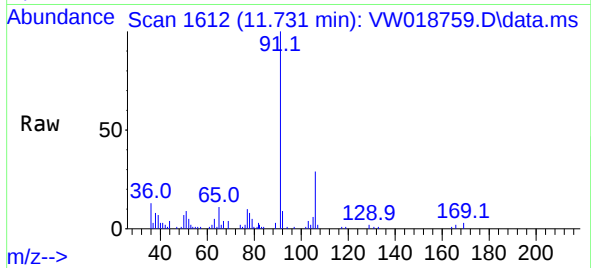
Tgt Ion:164 Resp:16719298
Ion Ratio Lower Upper
164 100
129 96.7 66.7 123.9
131 94.2 61.1 113.5
166 117.8 87.0 161.6





#52
Ethylbenzene
Concen: 0.51 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018759.D
Acq: 23 Apr 2021 15:45

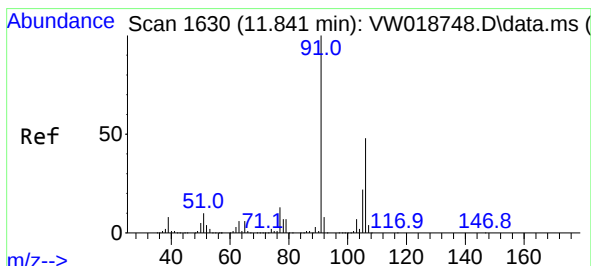
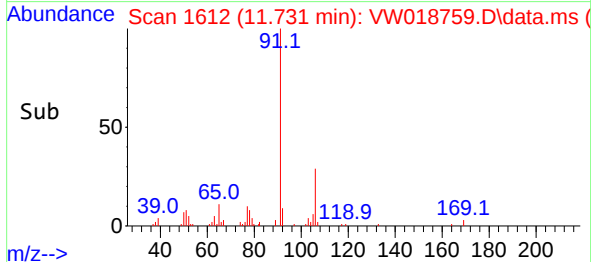
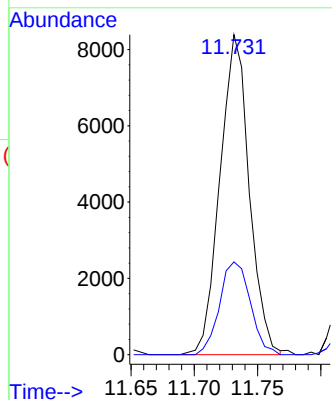
Instrument :
MSVOA_W
ClientSampled :
GB3E5



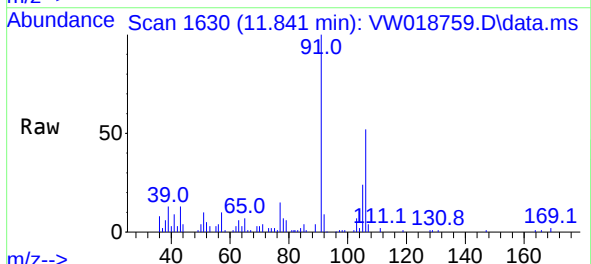
Tgt Ion: 91 Resp: 13488
Ion Ratio Lower Upper
91 100
106 29.0 22.5 41.7

Manual Integrations
APPROVED

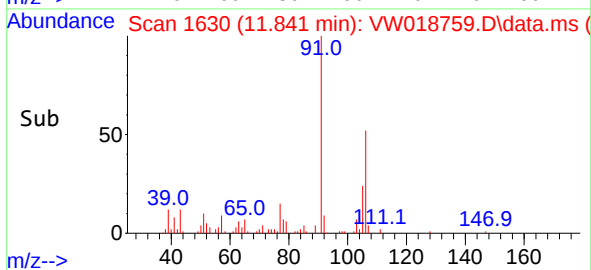
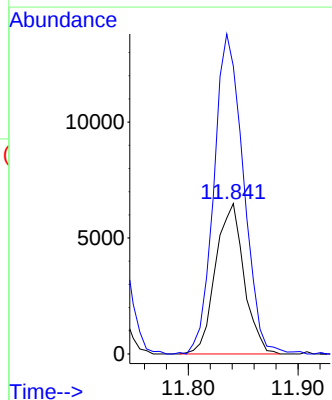
SAM
4/27/2021 5:45:49 PM

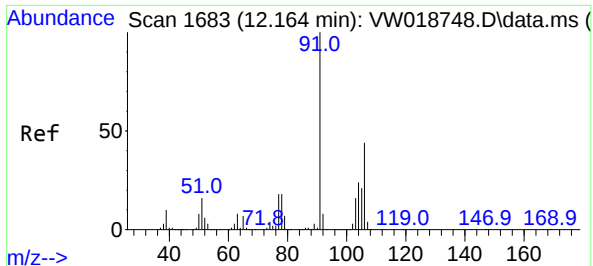


#53
m,p-Xylene
Concen: 1.20 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW018759.D
Acq: 23 Apr 2021 15:45



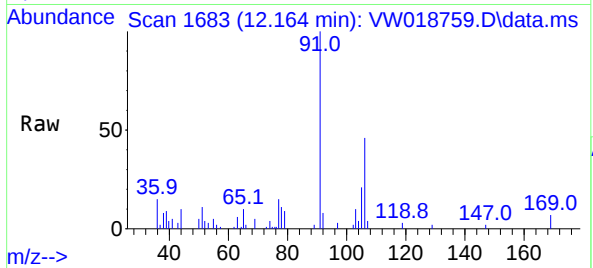
Tgt Ion: 106 Resp: 11714
Ion Ratio Lower Upper
106 100
91 191.4 141.3 262.3





#54
o-Xylene
Concen: 0.42 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018759.D
Acq: 23 Apr 2021 15:45

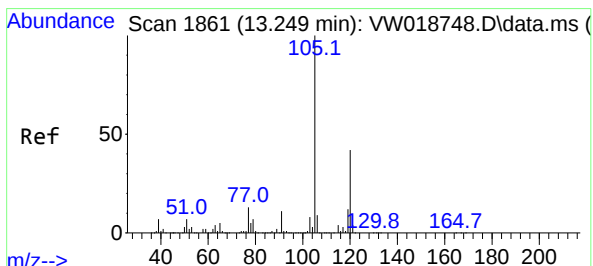
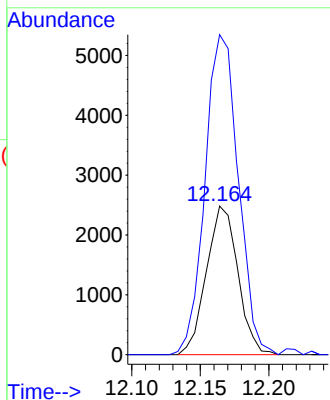
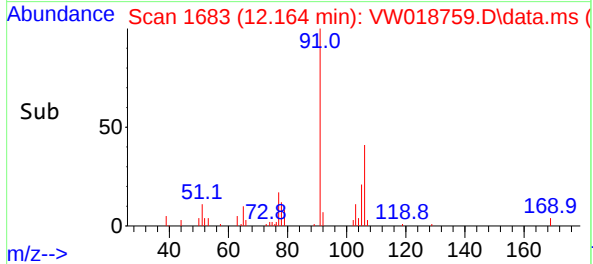
Instrument :
MSVOA_W
ClientSampled :
GB3E5



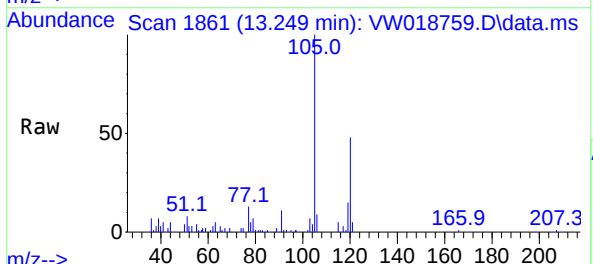
Tgt Ion:106 Resp: 3971
Ion Ratio Lower Upper
106 100
91 215.2 150.0 278.6

Manual Integrations
APPROVED

SAM
4/27/2021 5:45:49 PM



#63
1,2,4-Trimethylbenzene
Concen: 0.77 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW018759.D
Acq: 23 Apr 2021 15:45



Tgt Ion:105 Resp: 13080
Ion Ratio Lower Upper
105 100
120 45.0 35.6 53.4

