

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
 Data File : VW018574.D
 Acq On : 07 Apr 2021 12:30
 Operator : SY/VA
 Sample : M1881-12
 Misc : 4.42G/10ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ESQG9

Manual Integrations
 APPROVED

MMDadoda
 4/9/2021 9:26:53 AM

Quant Time: Apr 08 05:35:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 08 05:34:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	593122	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	493158	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	196202	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	165233	20.02	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	80.08%		
7) Chloroethane-d5	2.892	69	124715	17.26	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	69.04%		
10) 1,1-Dichloroethene-d2	4.019	63	190711	13.38	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	53.52%		
20) 2-Butanone-d5	7.074	46	64146	34.91	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	69.82%		
24) Chloroform-d	7.647	84	278247	18.42	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	73.68%		
26) 1,2-Dichloroethane-d4	8.305	65	165116m	18.72	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	74.88%		
29) Benzene-d6	8.275	84	554556	21.15	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	84.60%		
33) 1,2-Dichloropropane-d6	9.275	67	156706	20.72	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	82.88%		
37) Toluene-d8	10.323	98	515155	20.41	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	81.64%		
38) trans-1,3-Dichloroprop...	10.579	79	65877	16.89	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	67.56%		
39) 2-Hexanone-d5	10.927	63	53544	36.18	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	72.36%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	124017	18.33	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	73.32%		
61) 1,2-Dichlorobenzene-d4	13.853	152	130567	18.72	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	74.88%#		
Target Compounds						Qvalue
5) Vinyl chloride	2.367	62	6598	0.59	ug/L	# 17
13) Acetone	4.123	43	10732	8.13	ug/L	100
16) Methylene chloride	4.928	84	8342m	0.86	ug/L	
22) cis-1,2-Dichloroethene	7.165	96	5636	0.65	ug/L	89
35) Trichloroethene	9.092	95	1827	0.23	ug/L	96
44) Toluene	10.384	91	10130	0.31	ug/L	87

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

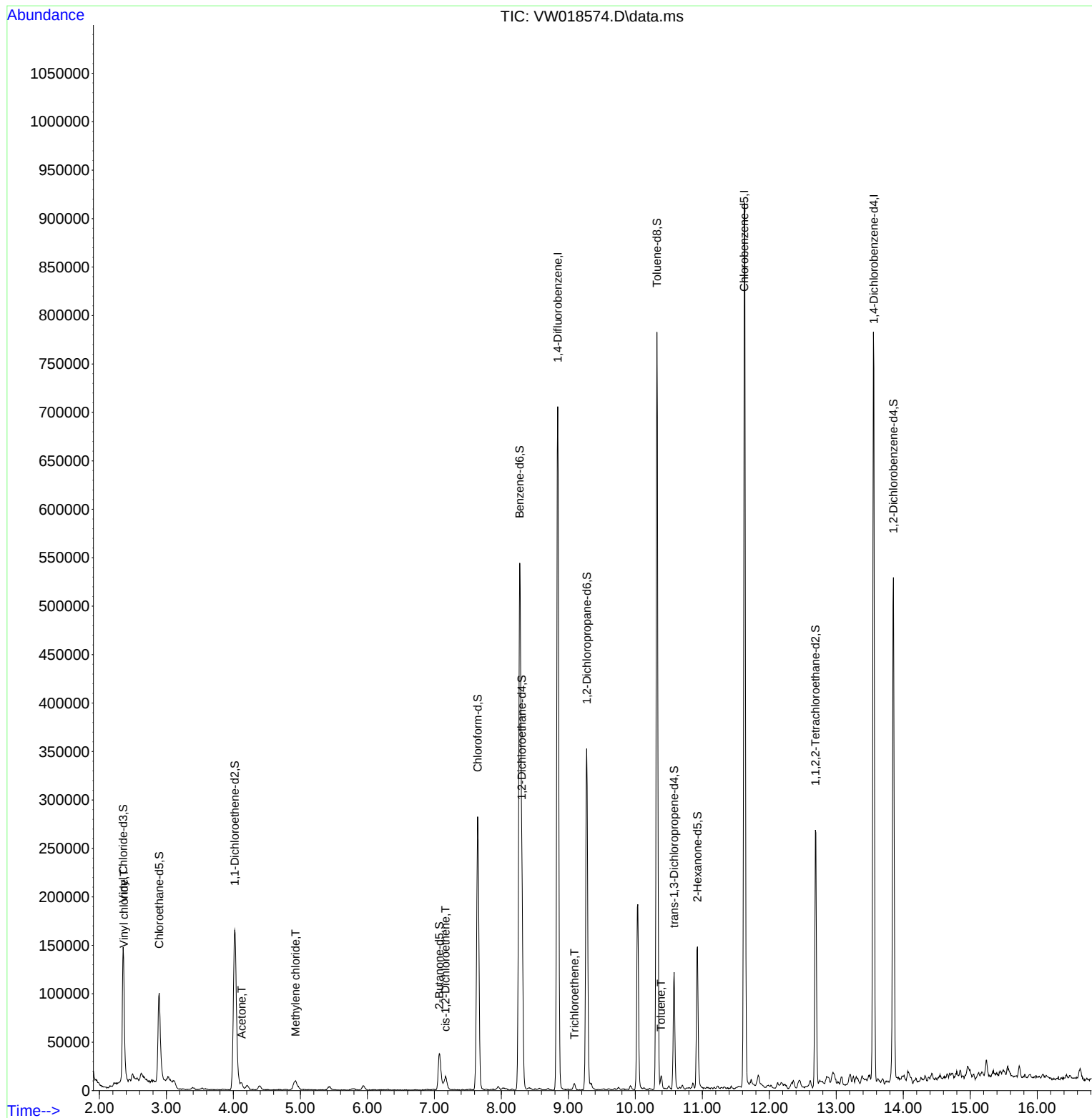
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
Data File : VW018574.D
Acq On : 07 Apr 2021 12:30
Operator : SY/VA
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Misc : 4.42G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

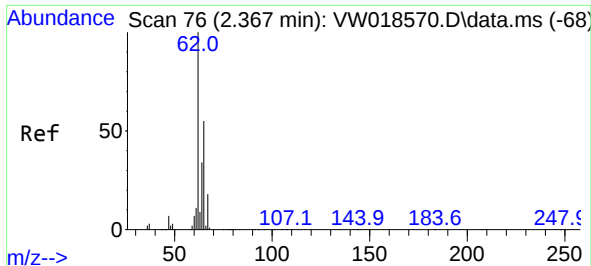
Instrument :
MSVOA_W
ClientSampleId :
ESQG9

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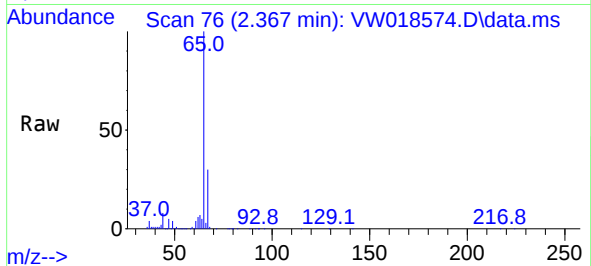
Quant Time: Apr 08 05:35:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 08 05:34:15 2021
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 0.59 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018574.D
 Acq: 07 Apr 2021 12:30

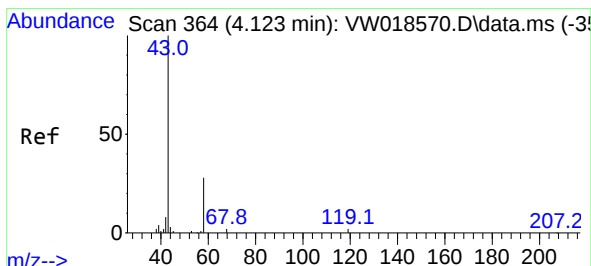
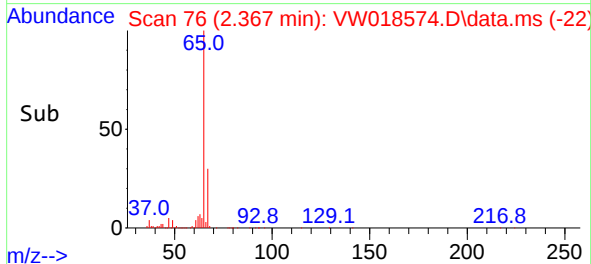
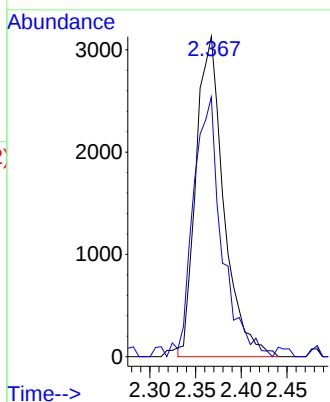
Instrument :
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 ClientSampleId :
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Tgt Ion: 62 Resp: 6598
 Ion Ratio Lower Upper
 62 100
 64 81.1 23.5 43.7#

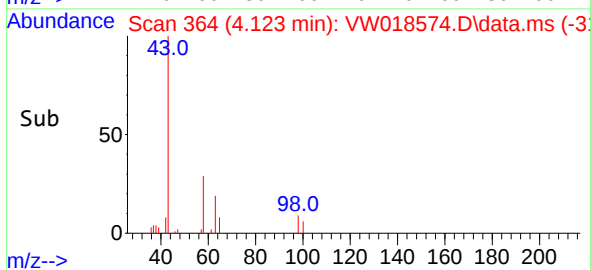
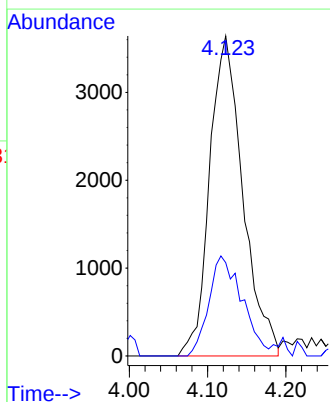
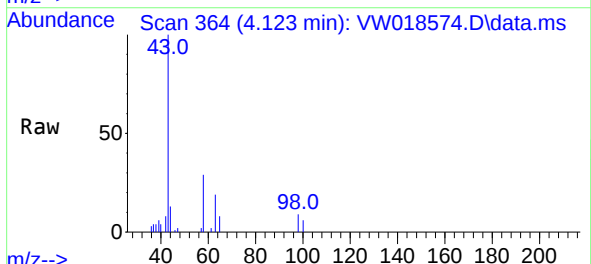
Manual Integrations
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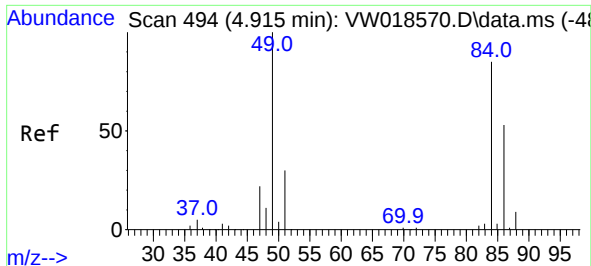
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#13
 Acetone
 Concen: 8.13 ug/L
 RT: 4.123 min Scan# 364
 Delta R.T. 0.000 min
 Lab File: VW018574.D
 Acq: 07 Apr 2021 12:30

Tgt Ion: 43 Resp: 10732
 Ion Ratio Lower Upper
 43 100
 58 31.3 0.0 62.2





#16
Methylene chloride
Concen: 0.86 ug/L m
RT: 4.928 min Scan# 496
Delta R.T. 0.012 min
Lab File: VW018574.D
Acq: 07 Apr 2021 12:30

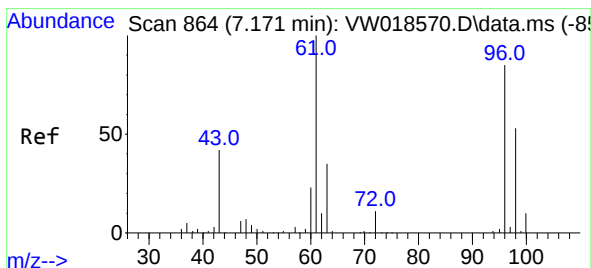
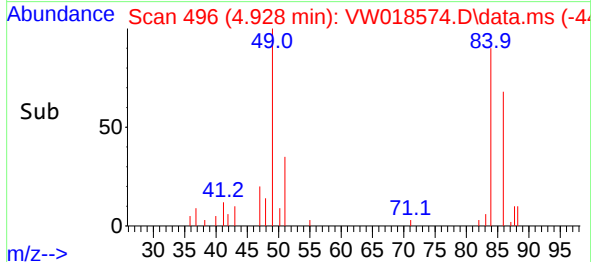
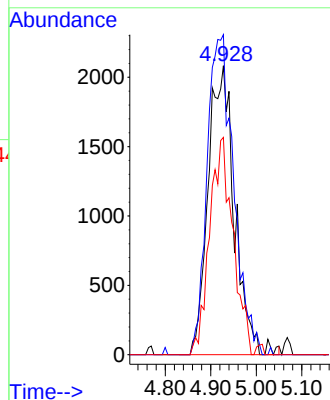
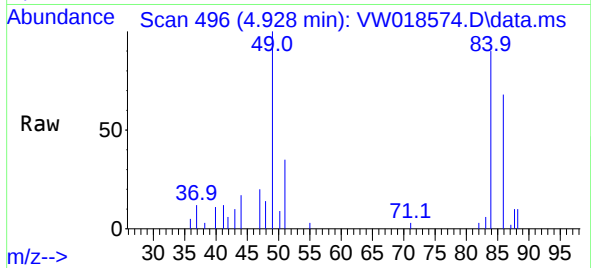
Tgt Ion: 84 Resp: 8342

Ion	Ratio	Lower	Upper
84	100		
49	110.8	74.4	138.2
86	75.2	46.1	85.7

Instrument :
MSVOA_W
ClientSampled :
ESQG9

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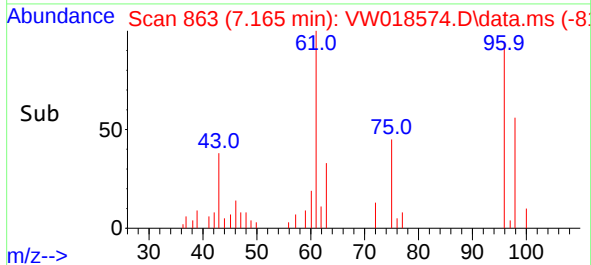
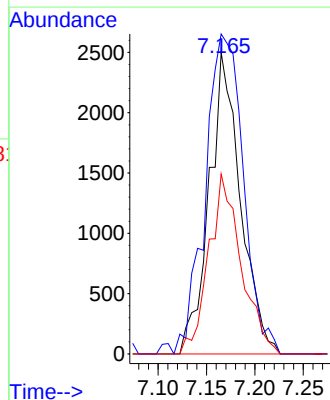
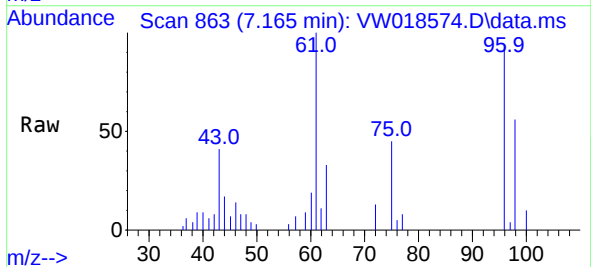
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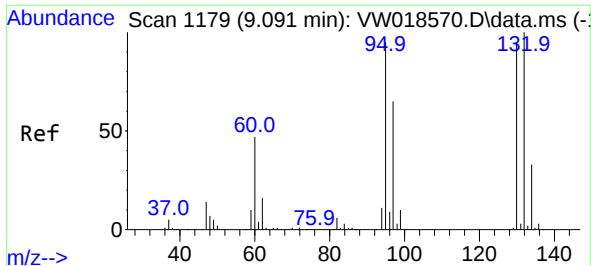


#22
cis-1,2-Dichloroethene
Concen: 0.65 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW018574.D
Acq: 07 Apr 2021 12:30

Tgt Ion: 96 Resp: 5636

Ion	Ratio	Lower	Upper
96	100		
61	106.2	84.8	157.6
98	59.7	45.1	83.9





#35
Trichloroethene
Concen: 0.23 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018574.D
Acq: 07 Apr 2021 12:30

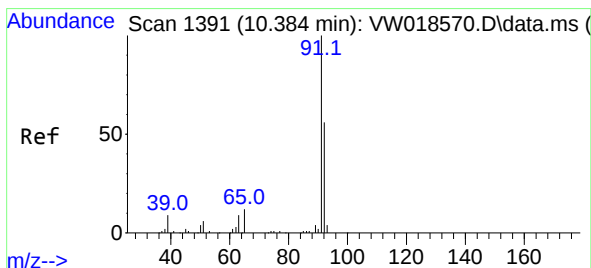
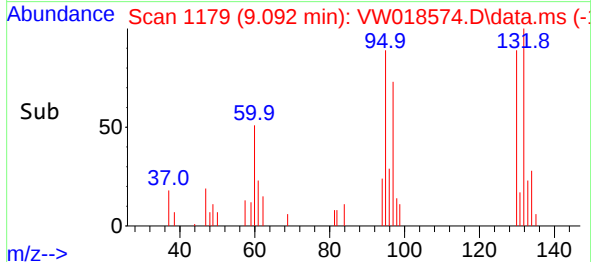
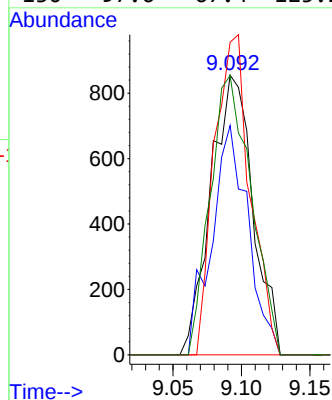
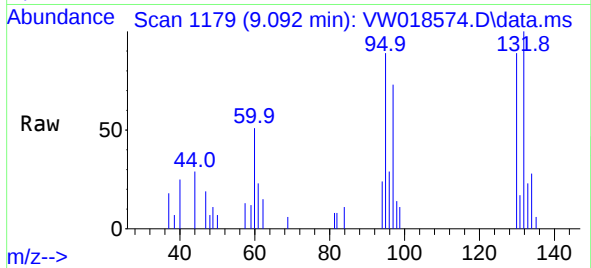
Tgt Ion: 95 Resp: 1827

Ion	Ratio	Lower	Upper
95	100		
97	70.8	44.4	82.4
132	98.0	65.9	122.5
130	97.6	67.4	125.2

Instrument :
MSVOA_W
ClientSampled :
ESQG9

Manual Integrations
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#44
Toluene
Concen: 0.31 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW018574.D
Acq: 07 Apr 2021 12:30

Tgt Ion: 91 Resp: 10130

Ion	Ratio	Lower	Upper
91	100		
92	50.8	42.3	78.5

