

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
 Data File : VU045105.D
 Acq On : 04 Oct 2021 18:41
 Operator : SY/MD
 Sample : M3974-08ME
 Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW8Z2ME

Manual Integrations
 APPROVED

MMDadoda
 10/11/2021 11:53:46 AM

Quant Time: Oct 05 02:47:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 05 02:41:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	303197	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	298623	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	145580	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	84670	25.510	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	51.020%#		
7) Chloroethane-d5	1.887	69	33606	12.777	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery =	25.560%#		
11) 1,1-Dichloroethene-d2	2.533	63	129674	23.264	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	46.520%#		
21) 2-Butanone-d5	4.645	46	237825	90.634	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.630%		
24) Chloroform-d	5.067	84	191105	36.455	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	72.920%		
26) 1,2-Dichloroethane-d4	5.703	65	137865	38.826	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	77.660%		
32) Benzene-d6	5.723	84	378118	36.490	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	72.980%		
36) 1,2-Dichloropropane-d6	6.694	67	130577	38.647	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	77.300%		
41) Toluene-d8	7.899	98	328413	36.726	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	73.460%#		
43) trans-1,3-Dichloroprop...	8.186	79	57590	38.318	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.640%		
47) 2-Hexanone-d5	8.668	63	177733	94.923	ug/L	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.920%		
56) 1,1,2,2-Tetrachloroeth...	10.771	84	224538	42.677	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.360%		
66) 1,2-Dichlorobenzene-d4	12.201	152	131620	41.544	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.080%		
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.665	96	45389	16.654	ug/L	96
34) Trichloroethene	6.543	95	81992	30.821	ug/L	99
35) Methylcyclohexane	6.758	83	5739	1.289	ug/L	95
42) Toluene	7.970	91	7867	0.699	ug/L	91
46) Tetrachloroethene	8.555	164	2656	1.397	ug/L	93
52) Ethylbenzene	9.575	91	9392	0.790	ug/L	100
61) Isopropylbenzene	10.491	105	5588m	0.524	ug/L	
62) 1,3,5-Trimethylbenzene	11.099	105	11527	1.296	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	17791	1.953	ug/L	100

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

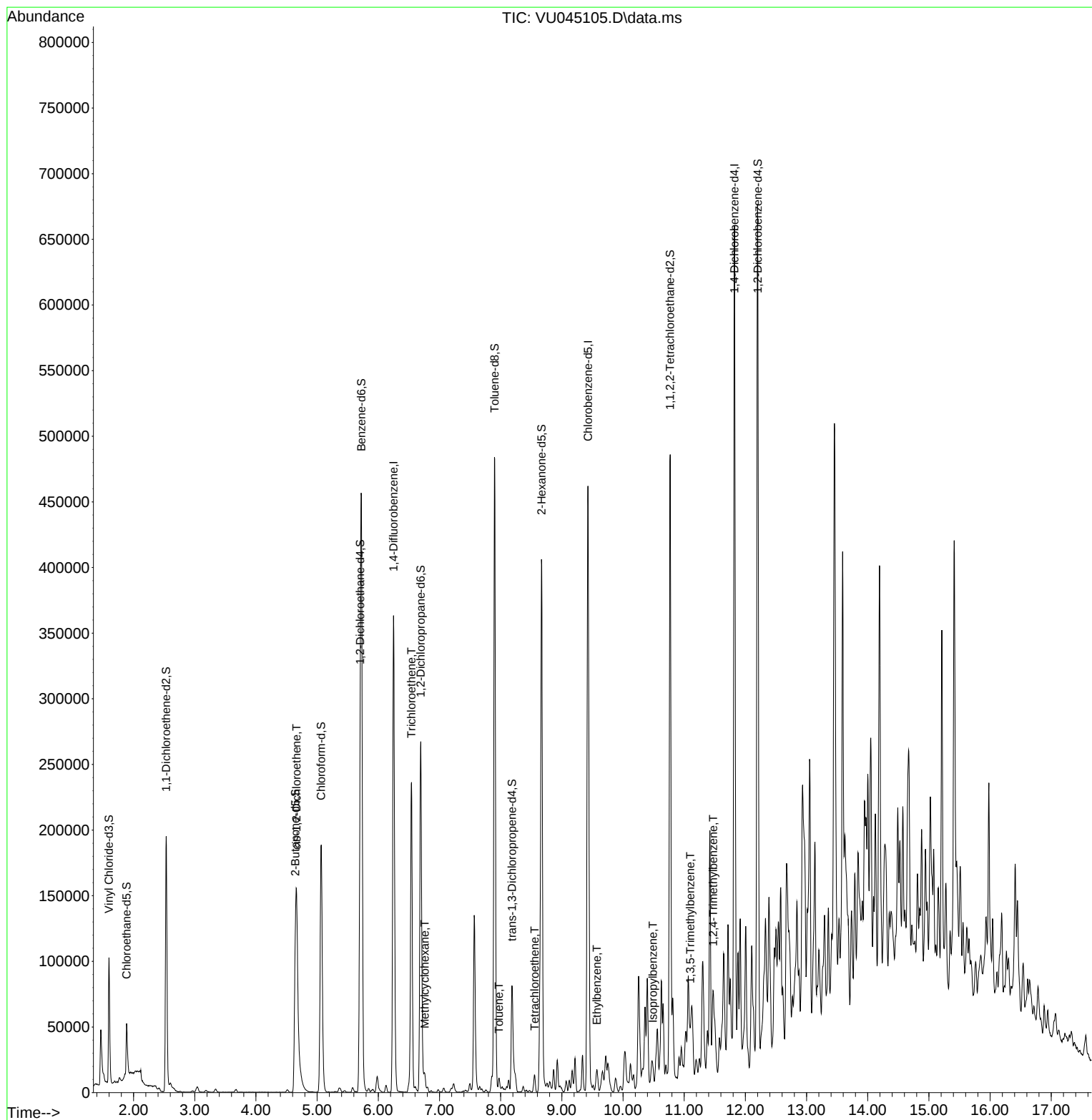
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045105.D
Acq On : 04 Oct 2021 18:41
Operator : SY/MD
Sample : M3974-08ME
Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

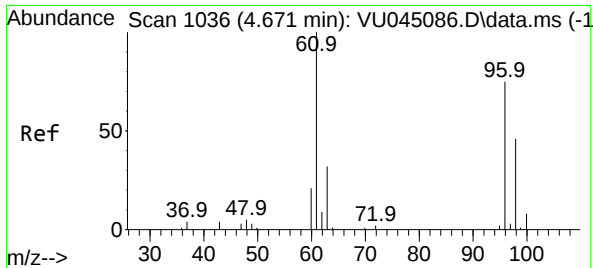
Instrument :
MSVOA_U
ClientSampleId :
EW8Z2ME

Manual Integrations
APPROVED

MMDadoda
10/11/2021 11:53:46 AM

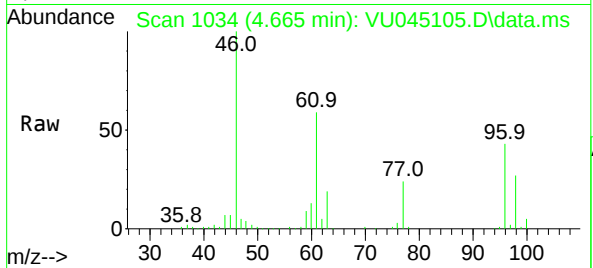
Quant Time: Oct 05 02:47:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 05 02:41:56 2021
Response via : Initial Calibration





#20
cis-1,2-Dichloroethene
Concen: 16.654 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.006 min
Lab File: VU045105.D
Acq: 04 Oct 2021 18:41

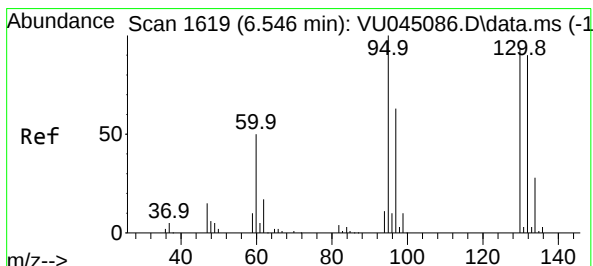
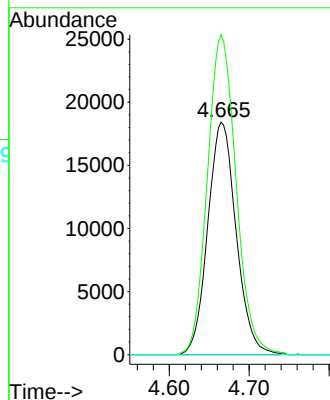
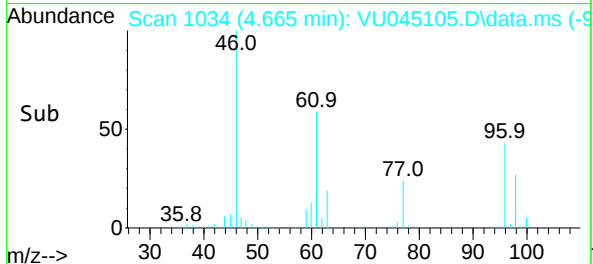
Instrument :
MSVOA_U
ClientSampleId :
EW8Z2ME



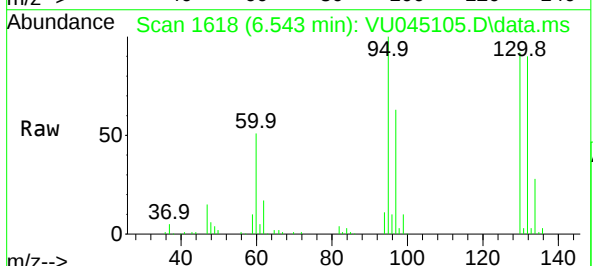
Tgt Ion: 96 Resp: 45389
Ion Ratio Lower Upper
96 100
61 137.6 100.2 186.0
68 0.0 0.0 0.0

Manual Integrations
APPROVED

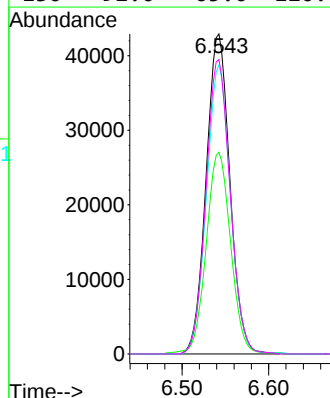
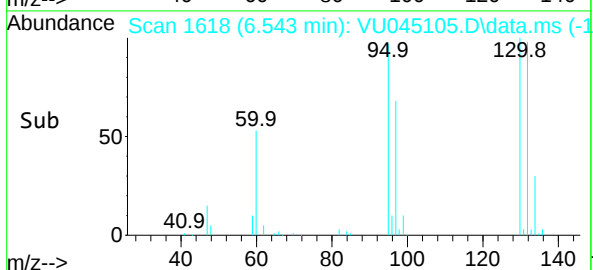
MMDadoda
10/11/2021 11:53:46 AM

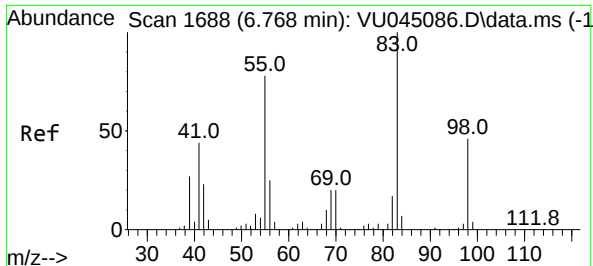


#34
Trichloroethene
Concen: 30.821 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU045105.D
Acq: 04 Oct 2021 18:41



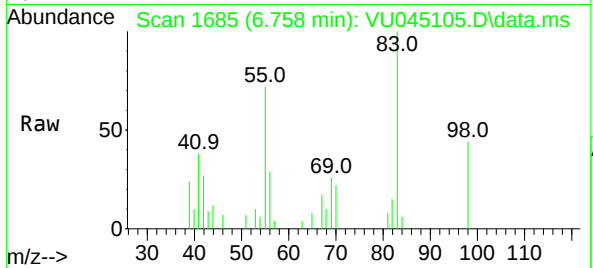
Tgt Ion: 95 Resp: 81992
Ion Ratio Lower Upper
95 100
97 63.0 44.4 82.4
132 90.3 62.9 116.9
130 92.0 65.0 120.8





#35
Methylcyclohexane
Concen: 1.289 ug/L
RT: 6.758 min Scan# 1685
Delta R.T. -0.010 min
Lab File: VU045105.D
Acq: 04 Oct 2021 18:41

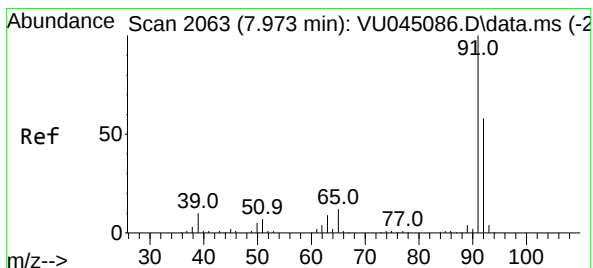
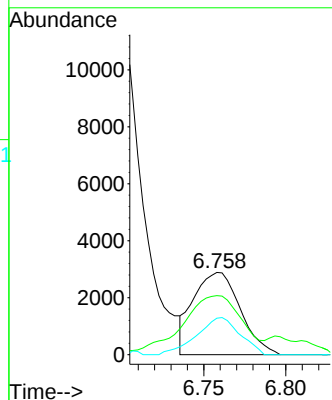
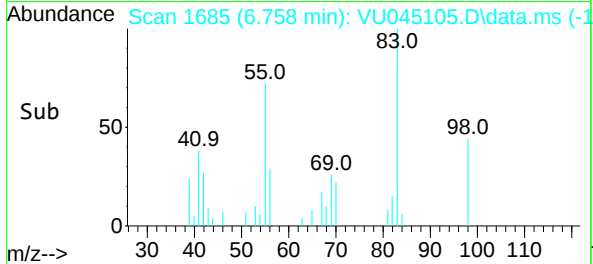
Instrument :
MSVOA_U
ClientSampleId :
EW8Z2ME



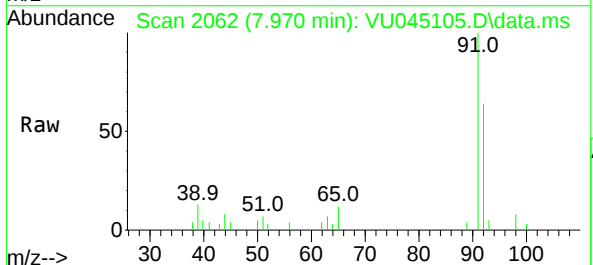
Tgt Ion: 83 Resp: 5739
Ion Ratio Lower Upper
83 100
55 85.9 65.8 98.6
98 41.5 37.1 55.7

Manual Integrations
APPROVED

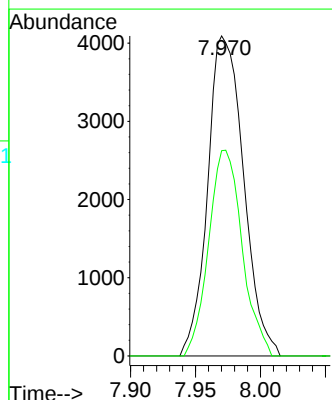
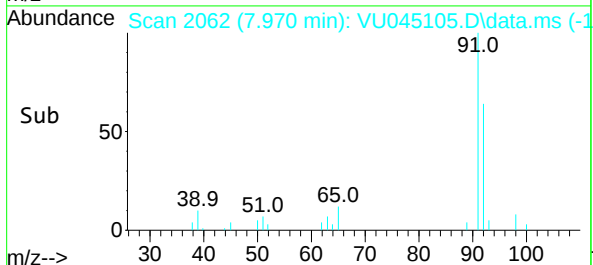
MMDadoda
10/11/2021 11:53:46 AM

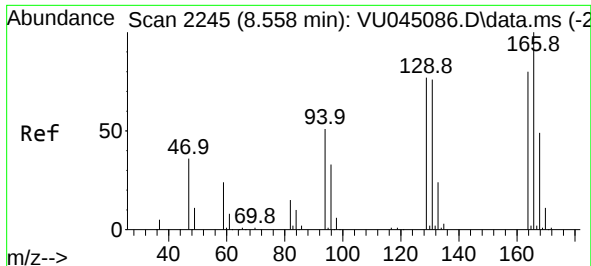


#42
Toluene
Concen: 0.699 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.003 min
Lab File: VU045105.D
Acq: 04 Oct 2021 18:41

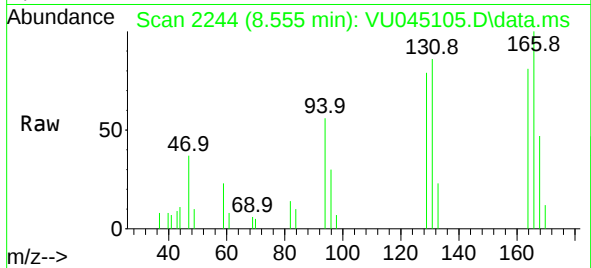


Tgt Ion: 91 Resp: 7867
Ion Ratio Lower Upper
91 100
92 64.1 40.5 75.1

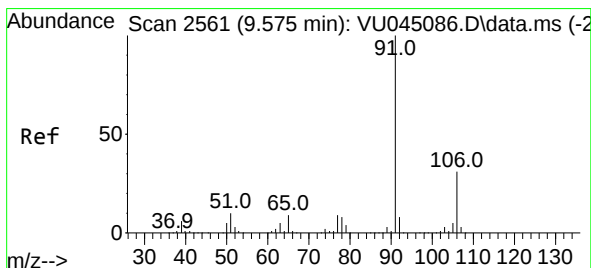
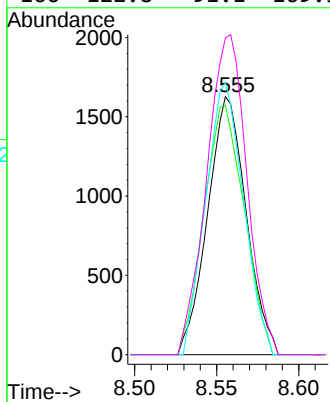
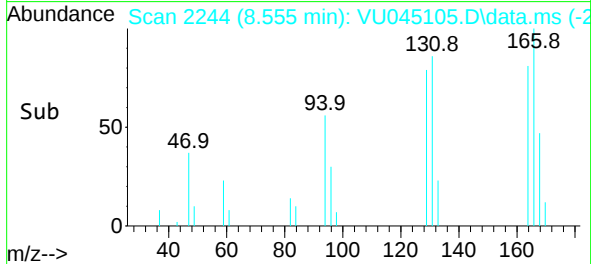




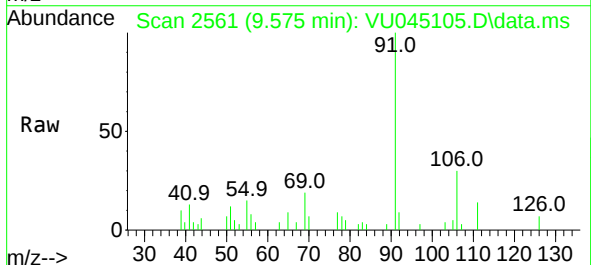
#46
Tetrachloroethene
Concen: 1.397 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU045105.D
Acq: 04 Oct 2021 18:41



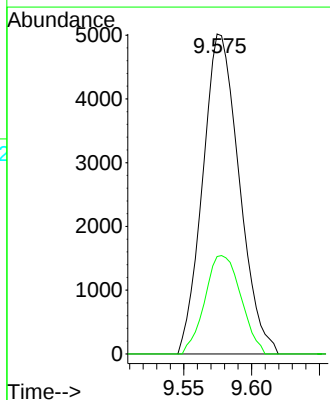
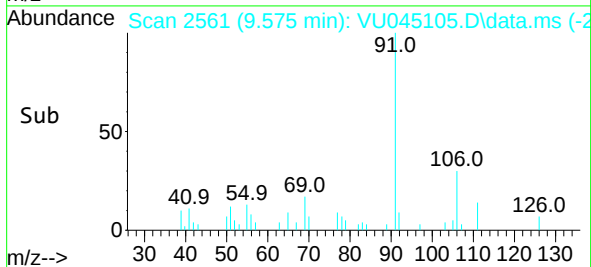
Tgt Ion:	164	Resp:	2656
Ion	Ratio	Lower	Upper
164	100		
129	96.7	69.8	129.6
131	105.4	66.4	123.2
166	122.8	91.1	169.3



#52
Ethylbenzene
Concen: 0.790 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU045105.D
Acq: 04 Oct 2021 18:41



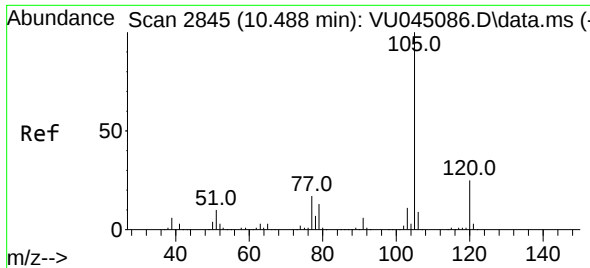
Tgt Ion:	91	Resp:	9392
Ion	Ratio	Lower	Upper
91	100		
106	30.4	21.2	39.4



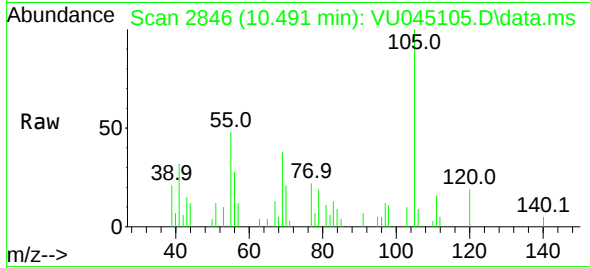
Instrument :
MSVOA_U
ClientSampleId :
EW8Z2ME

Manual Integrations
APPROVED

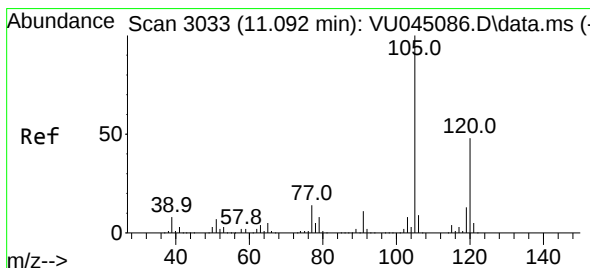
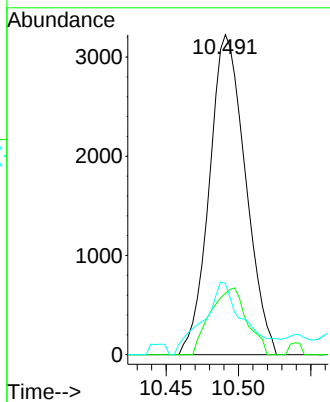
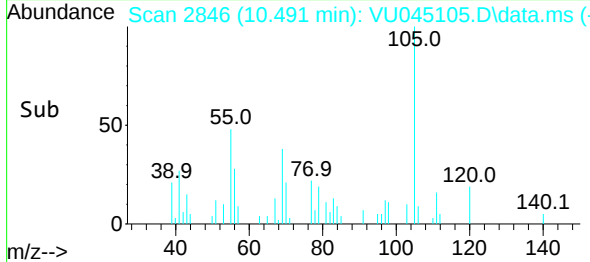
MMDadoda
10/11/2021 11:53:46 AM



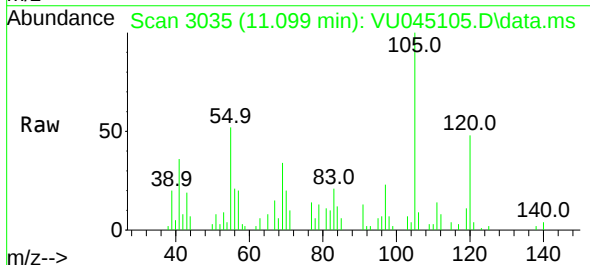
#61
Isopropylbenzene
Concen: 0.524 ug/L m
RT: 10.491 min Scan# 2846
Delta R.T. 0.003 min
Lab File: VU045105.D
Acq: 04 Oct 2021 18:41



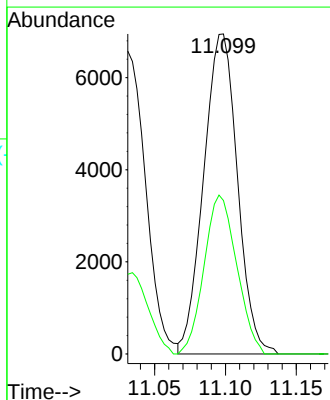
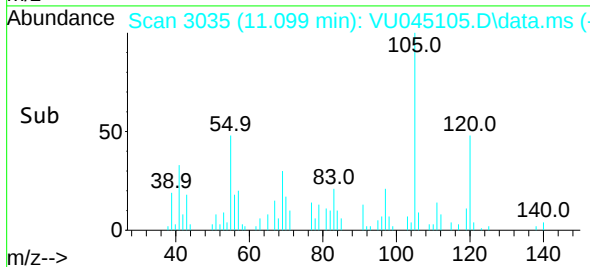
Tgt Ion:105 Resp: 5588
Ion Ratio Lower Upper
105 100
120 212.0 20.5 30.7#
77 99.9 13.5 20.3#



#62
1,3,5-Trimethylbenzene
Concen: 1.296 ug/L
RT: 11.099 min Scan# 3035
Delta R.T. 0.006 min
Lab File: VU045105.D
Acq: 04 Oct 2021 18:41



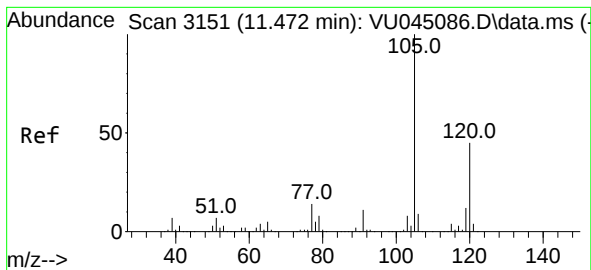
Tgt Ion:105 Resp: 11527
Ion Ratio Lower Upper
105 100
120 47.9 38.8 58.2



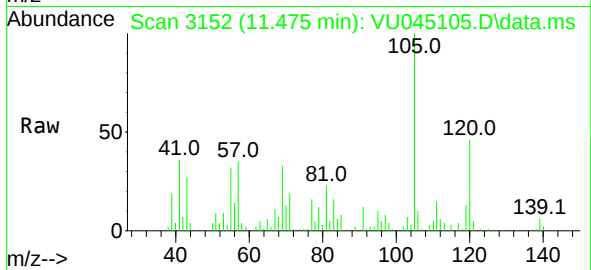
Instrument :
MSVOA_U
ClientSampleId :
EW8Z2ME

Manual Integrations
APPROVED

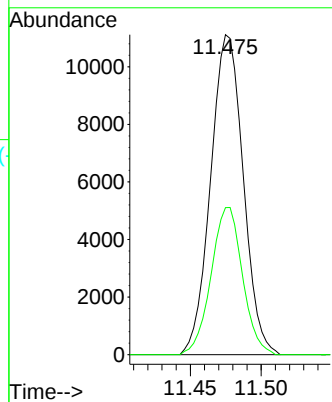
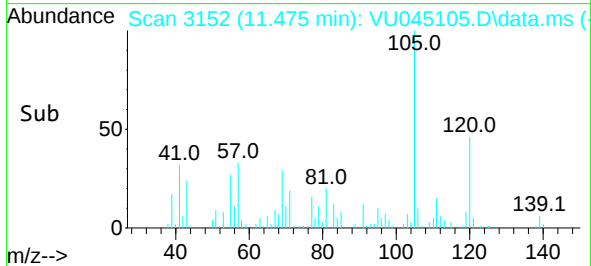
MMDadoda
10/11/2021 11:53:46 AM



#63
 1,2,4-Trimethylbenzene
 Concen: 1.953 ug/L
 RT: 11.475 min Scan# 3152
 Delta R.T. 0.003 min
 Lab File: VU045105.D
 Acq: 04 Oct 2021 18:41



Tgt Ion:105 Resp: 17791
 Ion Ratio Lower Upper
 105 100
 120 44.3 35.7 53.5



Instrument :
 MSVOA_U
 ClientSampleId :
 EW8Z2ME

Manual Integrations
 APPROVED

MMDadoda
 10/11/2021 11:53:46 AM