

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

Instrument :
 MSVOA_U
 ClientSampleId :
 EW8Z2ME

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)

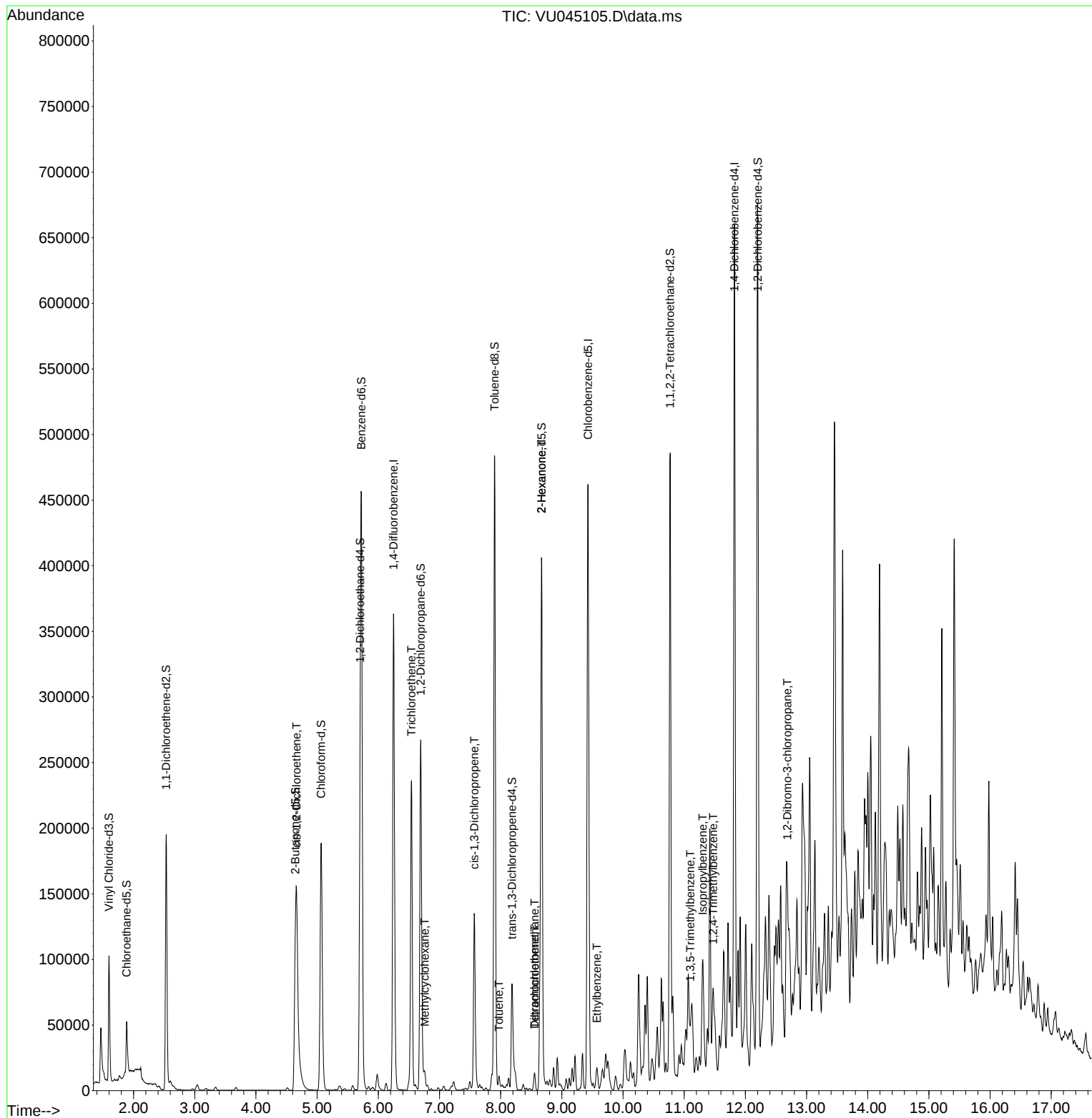
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	303197	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	298623	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	145580	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	84670	25.510	ug/L	0.00
Spiked Amount 50.000	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
39) cis-1,3-Dichloropropene	7.568	75	3630	0.841	ug/L #	62
42) Toluene	7.970	91	7867	0.699	ug/L	91
46) Tetrachloroethene	8.555	164	2656	1.397	ug/L	93
48) 2-Hexanone	8.668	43	24947	5.585	ug/L #	60
49) Dibromochloromethane	8.555	129	2689	0.995	ug/L #	11
52) Ethylbenzene	9.575	91	9392	0.790	ug/L	100
61) Isopropylbenzene	11.301	105	40037	3.758	ug/L	93
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
68) 1,2-Dibromo-3-chloropr...	12.687	75	1240	1.072	ug/L #	6

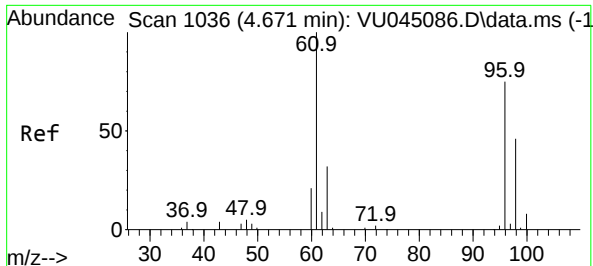
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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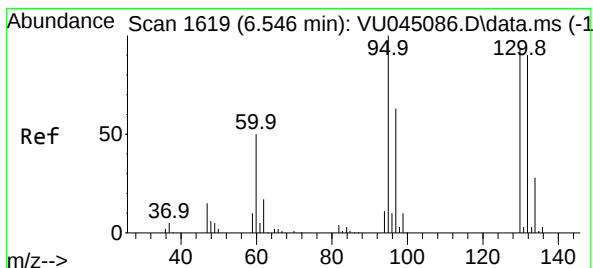
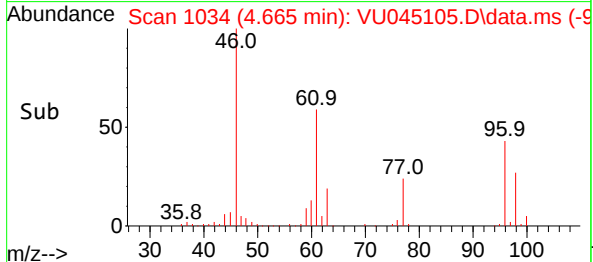
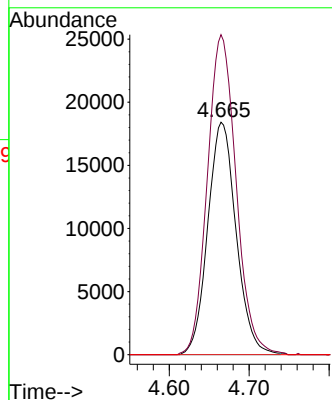
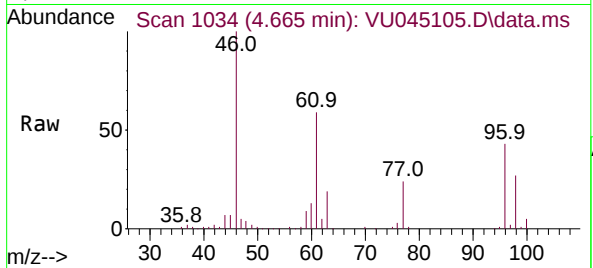




#20
cis-1,2-Dichloroethene
Concen: 16.654 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.006 min
Lab File: VU045105.D
Acq: 04 Oct 2021 18:41

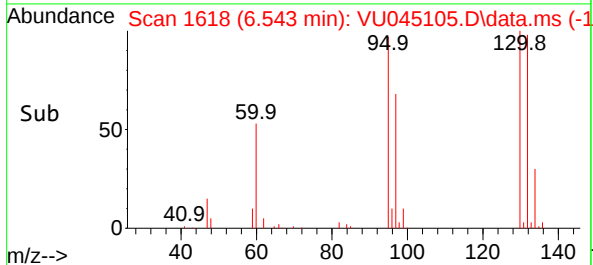
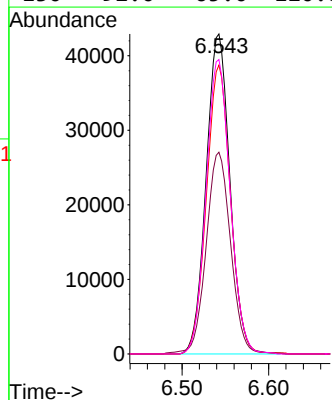
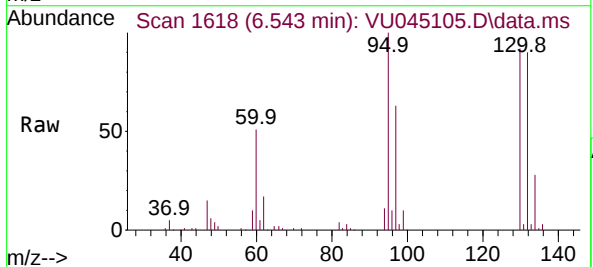
Instrument :
MSVOA_U
ClientSampleId :
EW8Z2ME

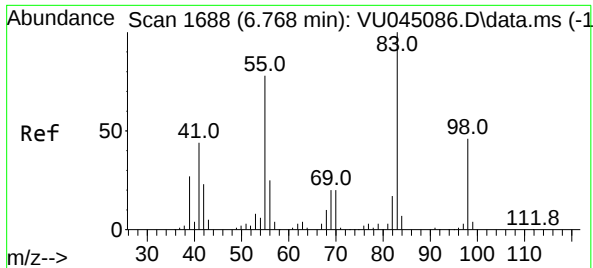
Tgt Ion: 96 Resp: 45389
Ion Ratio Lower Upper
96 100
61 137.6 100.2 186.0
68 0.0 0.0 0.0



#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

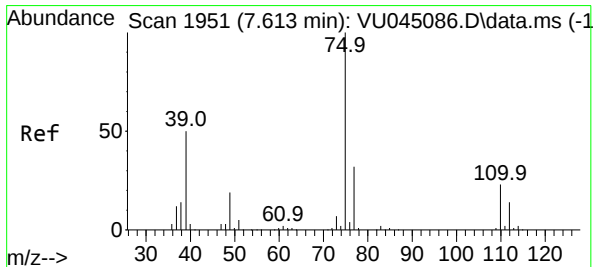
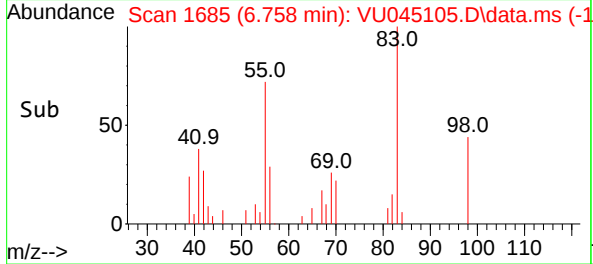
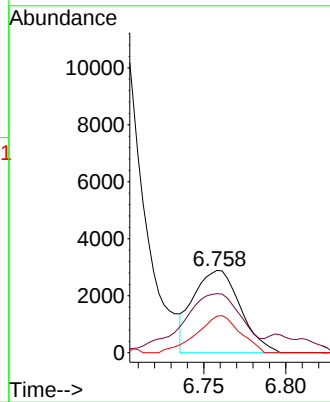
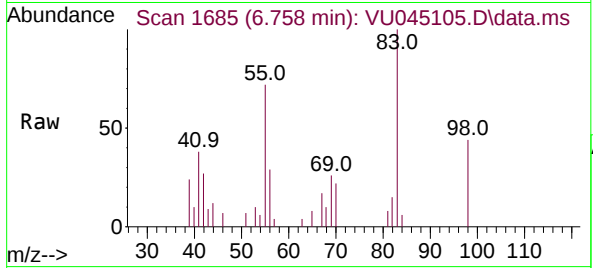




#35
Methylcyclohexane
Concen: 1.289 ug/L
RT: 6.758 min Scan# 1685
Delta R.T. -0.010 min
Lab File: VU045105.D
Acq: 04 Oct 2021 18:41

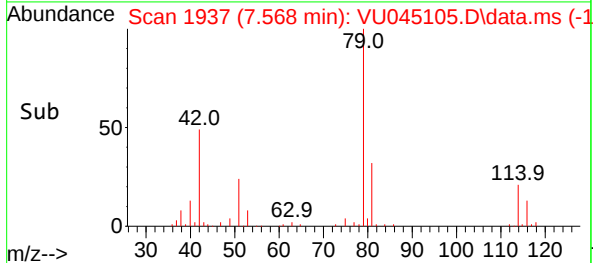
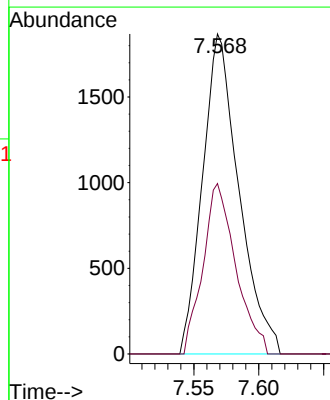
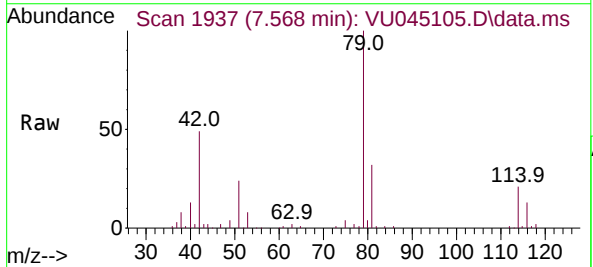
Instrument :
MSVOA_U
ClientSampleId :
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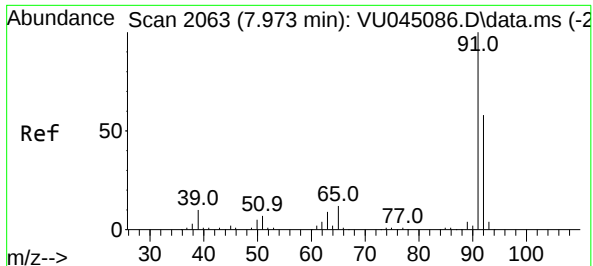
Tgt Ion:	83	Resp:	5739
Ion	Ratio	Lower	Upper
83	100		
55	85.9	65.8	98.6
98	41.5	37.1	55.7



#39
cis-1,3-Dichloropropene
Concen: 0.841 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.045 min
Lab File: VU045105.D
Acq: 04 Oct 2021 18:41

Tgt Ion:	75	Resp:	3630
Ion	Ratio	Lower	Upper
75	100		
77	53.3	22.4	41.6#

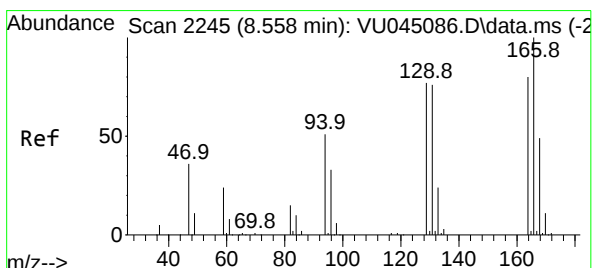
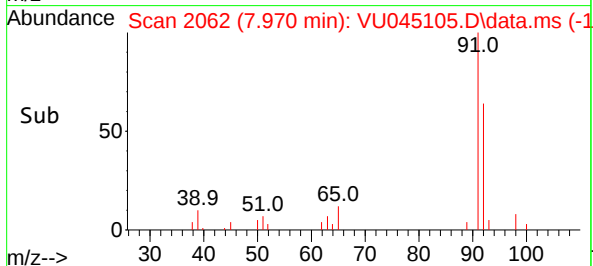
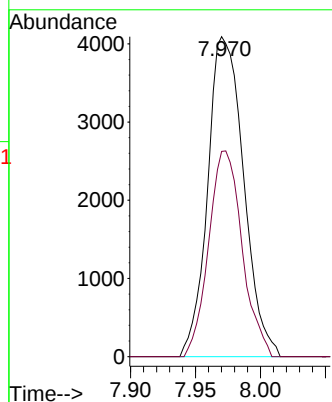
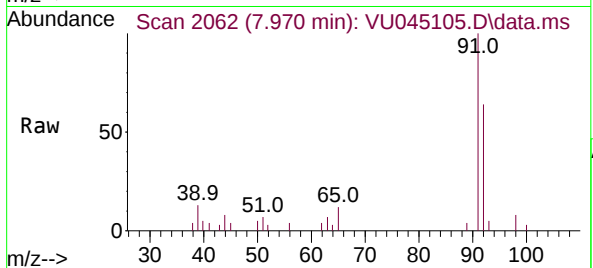




#42
Toluene
Concen: 0.699 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.003 min
Lab File: VU045105.D
Acq: 04 Oct 2021 18:41

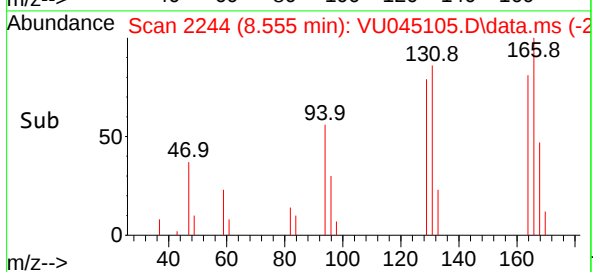
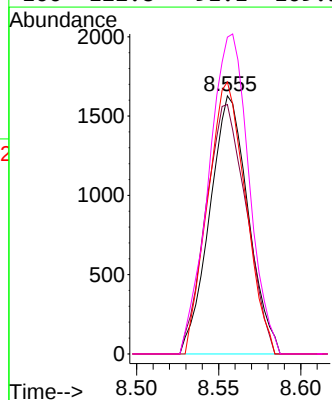
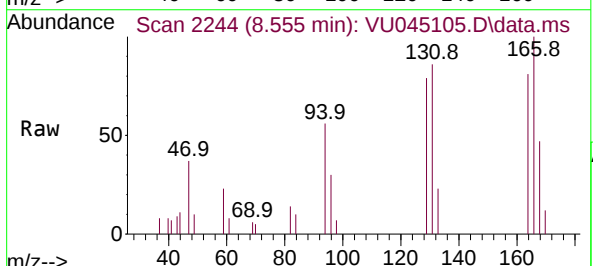
Instrument :
MSVOA_U
ClientSampleId :
EW8Z2ME

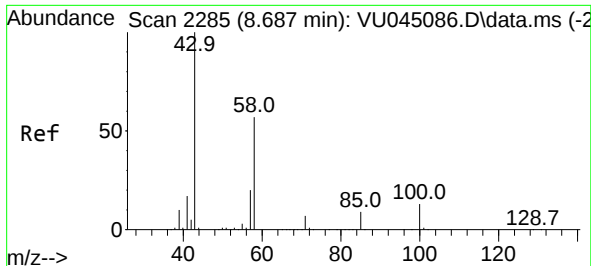
Tgt Ion: 91 Resp: 7867
Ion Ratio Lower Upper
91 100
92 64.1 40.5 75.1



#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

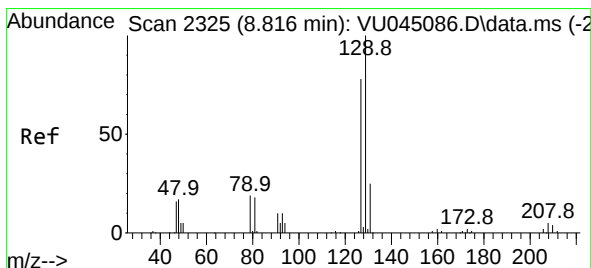
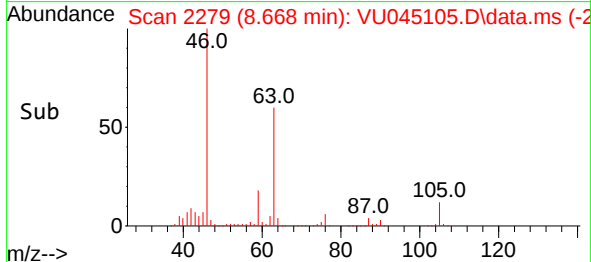
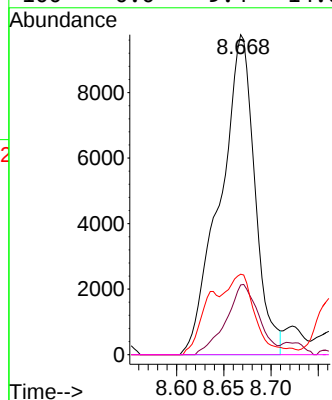
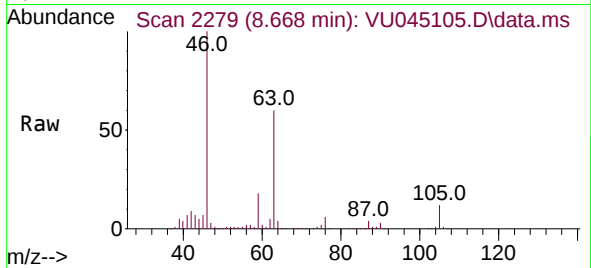




#48
2-Hexanone
Concen: 5.585 ug/L
RT: 8.668 min Scan# 2279
Delta R.T. -0.019 min
Lab File: VU045105.D
Acq: 04 Oct 2021 18:41

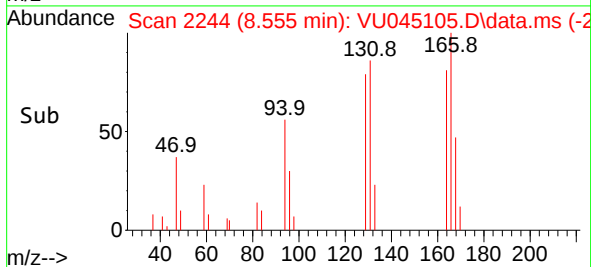
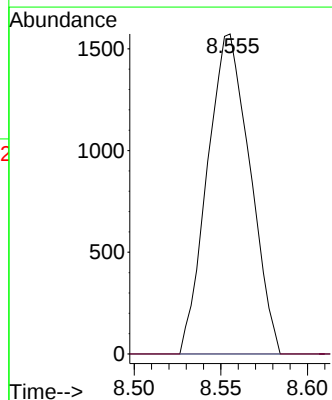
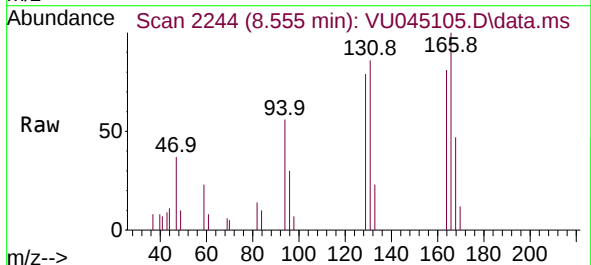
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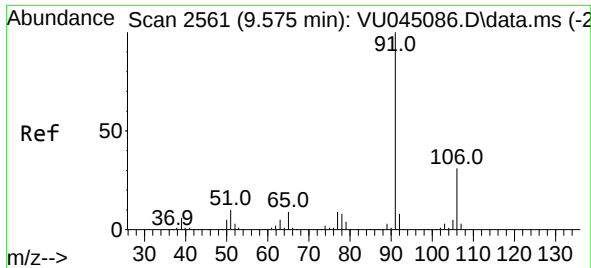
Tgt Ion:	43	Resp:	24947
Ion	Ratio	Lower	Upper
43	100		
58	20.6	44.9	67.3#
57	10.7	15.5	23.3#
100	0.0	9.4	14.0#



#49
Dibromochloromethane
Concen: 0.995 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.260 min
Lab File: VU045105.D
Acq: 04 Oct 2021 18:41

Tgt Ion:	129	Resp:	2689
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.3	100.8#

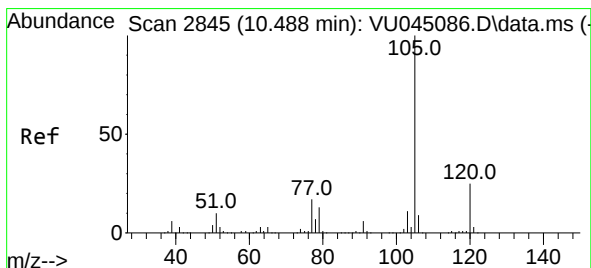
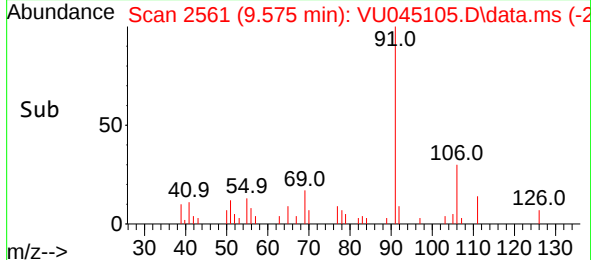
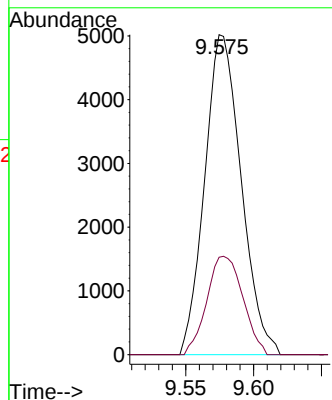
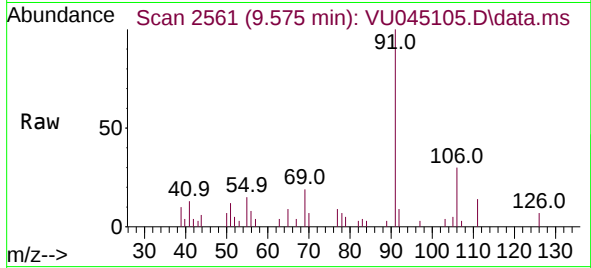




#52
Ethylbenzene
Concen: 0.790 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU045105.D
Acq: 04 Oct 2021 18:41

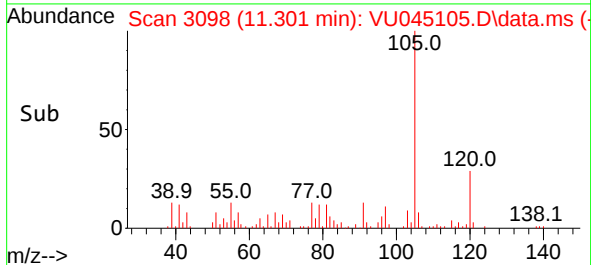
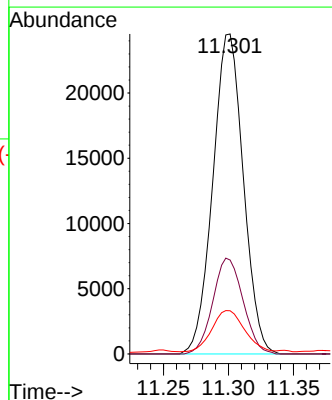
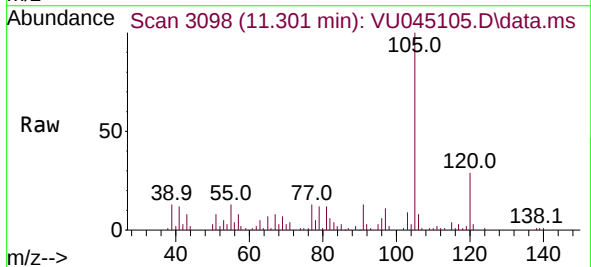
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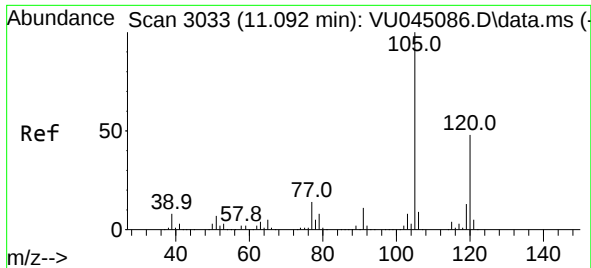
Tgt Ion: 91 Resp: 9392
Ion Ratio Lower Upper
91 100
106 30.4 21.2 39.4



#61
Isopropylbenzene
Concen: 3.758 ug/L
RT: 11.301 min Scan# 3098
Delta R.T. 0.814 min
Lab File: VU045105.D
Acq: 04 Oct 2021 18:41

Tgt Ion: 105 Resp: 40037
Ion Ratio Lower Upper
105 100
120 29.6 20.5 30.7
77 13.9 13.5 20.3

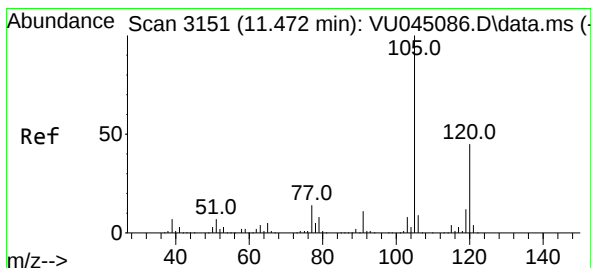
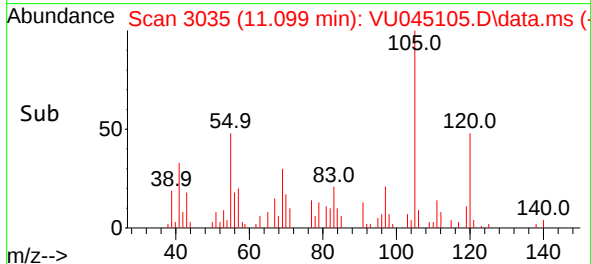
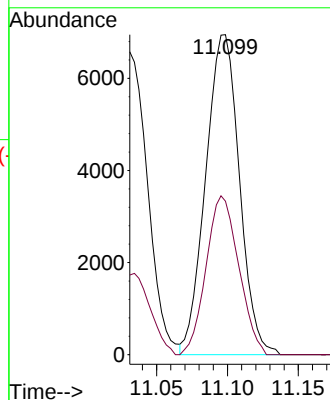
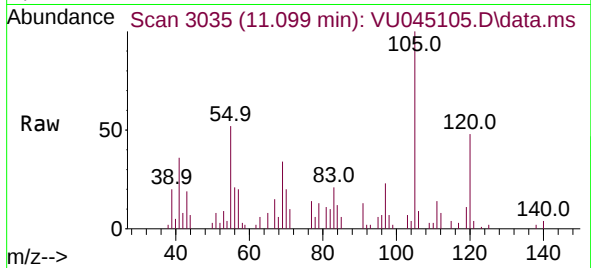




#62
1,3,5-Trimethylbenzene
Concen: 1.296 ug/L
RT: 11.099 min Scan# 3035
Delta R.T. 0.006 min
Lab File: VU045105.D
Acq: 04 Oct 2021 18:41

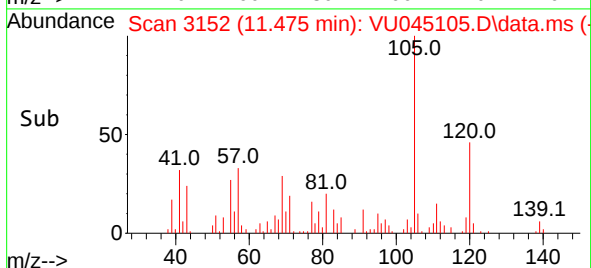
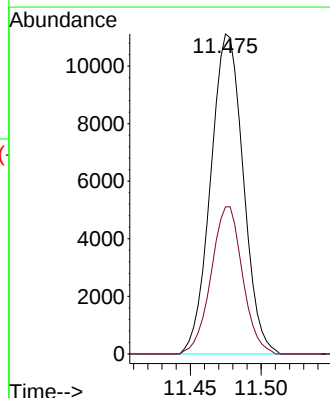
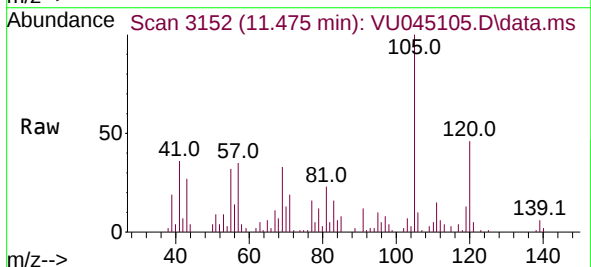
Instrument :
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ClientSampleId :
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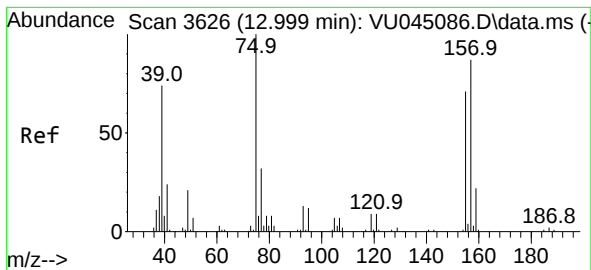
Tgt Ion:105 Resp: 11527
Ion Ratio Lower Upper
105 100
120 47.9 38.8 58.2



#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

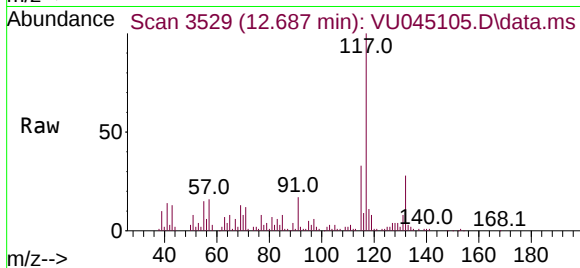
Tgt Ion:105 Resp: 17791
Ion Ratio Lower Upper
105 100
120 44.3 35.7 53.5





#68
 1,2-Dibromo-3-chloropropane
 Concen: 1.072 ug/L
 RT: 12.687 min Scan# 3529
 Delta R.T. -0.312 min
 Lab File: VU045105.D
 Acq: 04 Oct 2021 18:41

Instrument :
 MSVOA_U
 ClientSampleId :
 EW8Z2ME



Tgt Ion: 75 Resp: 1240
 Ion Ratio Lower Upper
 75 100
 155 0.0 58.5 87.7#
 157 0.0 77.7 116.5#

