

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
 Data File : VU045106.D
 Acq On : 04 Oct 2021 19:05
 Operator : SY/MD
 Sample : M3974-09ME
 Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW8Z3ME

Quant Time: Oct 05 02:48:15 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)

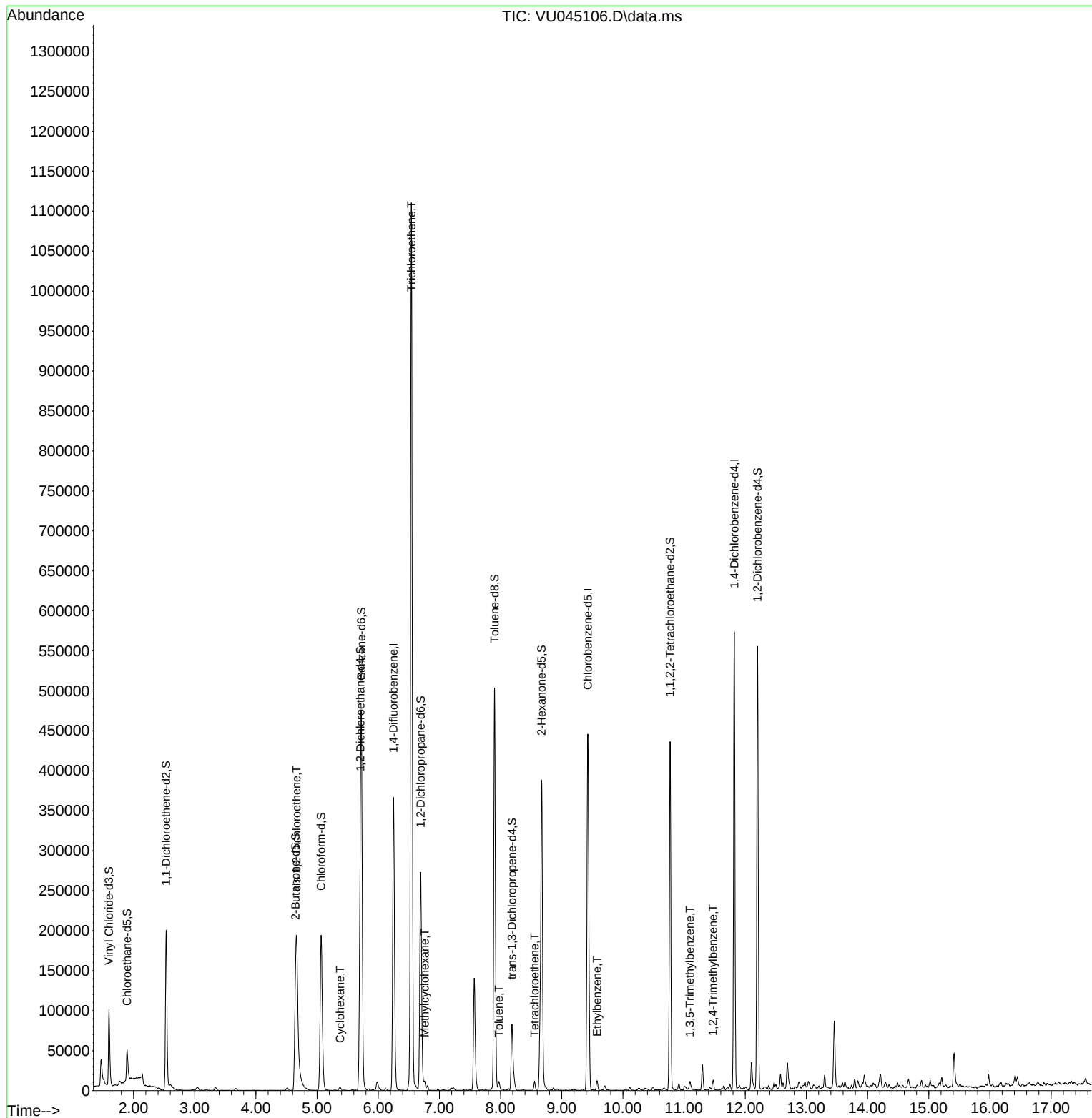
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	310748	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	296134	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	138853	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	88760	26.092	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	52.180%#		
7) Chloroethane-d5	1.893	69	35630	13.217	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	26.440%#		
11) 1,1-Dichloroethene-d2	2.533	63	134005	23.457	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	46.920%#		
21) 2-Butanone-d5	4.649	46	239833	89.178	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.180%		
24) Chloroform-d	5.067	84	197959	36.845	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	73.700%		
26) 1,2-Dichloroethane-d4	5.706	65	143103	39.322	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	78.640%		
32) Benzene-d6	5.726	84	398807	38.810	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	77.620%		
36) 1,2-Dichloropropane-d6	6.694	67	134561	40.160	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	80.320%		
41) Toluene-d8	7.903	98	343142	38.695	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	77.400%#		
43) trans-1,3-Dichloroprop...	8.185	79	59226	39.737	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.480%		
47) 2-Hexanone-d5	8.671	63	178780	96.284	ug/L	0.04
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.280%		
56) 1,1,2,2-Tetrachloroeth...	10.771	84	220013	42.169	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.340%		
66) 1,2-Dichlorobenzene-d4	12.201	152	130976	43.343	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.680%		
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.665	96	67488	24.161	ug/L	95
29) Cyclohexane	5.375	56	2070	0.465	ug/L #	92
34) Trichloroethene	6.542	95	394321	149.470	ug/L	99
35) Methylcyclohexane	6.761	83	4159	0.942	ug/L	91
42) Toluene	7.973	91	8149	0.730	ug/L	100
46) Tetrachloroethene	8.555	164	2379	1.262	ug/L	98
52) Ethylbenzene	9.578	91	10064	0.854	ug/L	95
62) 1,3,5-Trimethylbenzene	11.095	105	6200	0.731	ug/L	93
63) 1,2,4-Trimethylbenzene	11.475	105	6781	0.780	ug/L	99

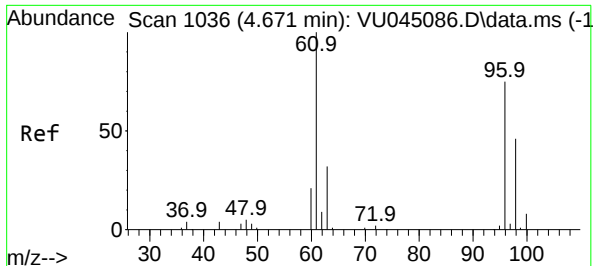
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 24.161 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.006 min

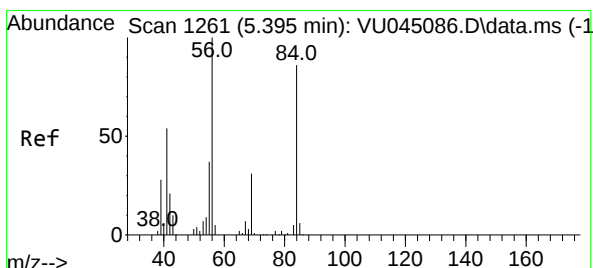
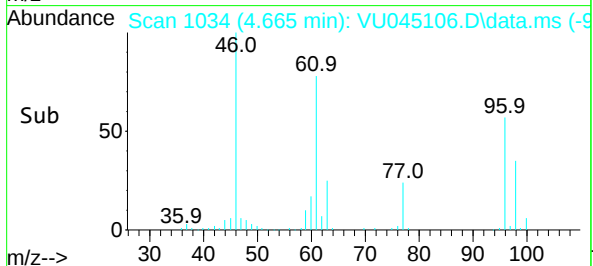
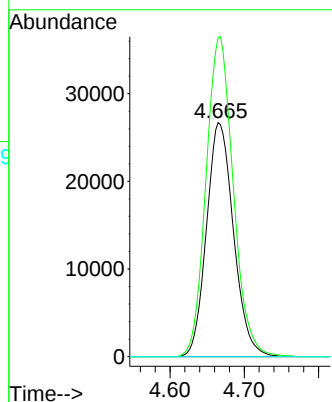
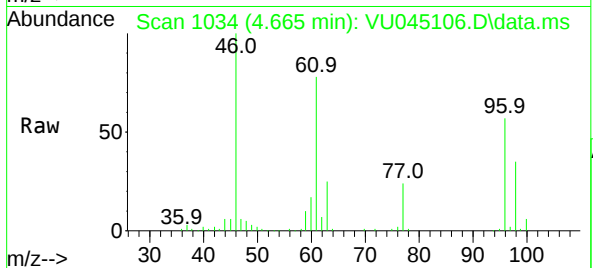
Lab File: VU045106.D

Acq: 04 Oct 2021 19:05

Tgt Ion: 96 Resp: 67488

Ion	Ratio	Lower	Upper
96	100		
61	136.4	100.2	186.0
68	0.0	0.0	0.0

Instrument :
MSVOA_U
ClientSampleId :
EW8Z3ME



#29

Cyclohexane

Concen: 0.465 ug/L

RT: 5.375 min Scan# 1255

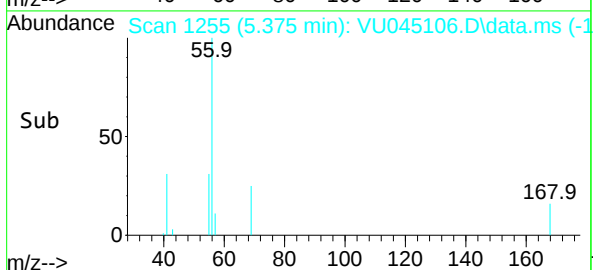
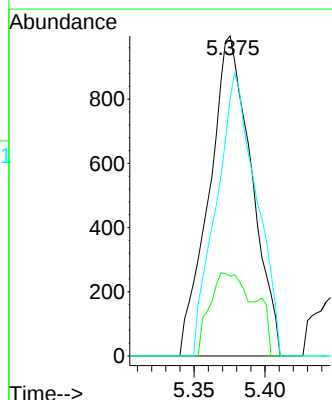
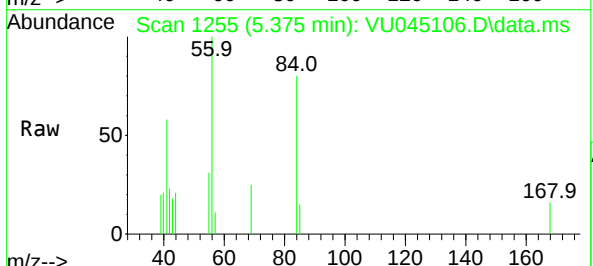
Delta R.T. -0.019 min

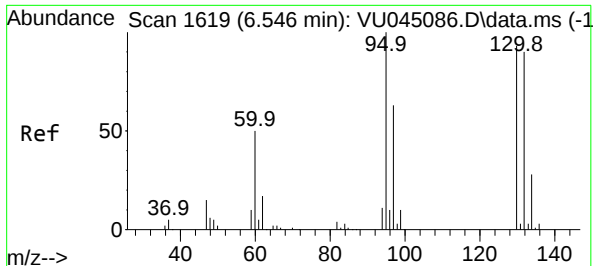
Lab File: VU045106.D

Acq: 04 Oct 2021 19:05

Tgt Ion: 56 Resp: 2070

Ion	Ratio	Lower	Upper
56	100		
69	13.1	23.8	35.8#
84	83.3	66.8	100.2



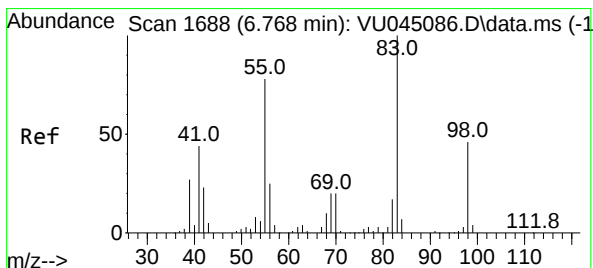
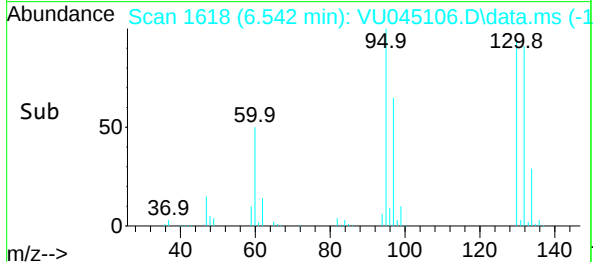
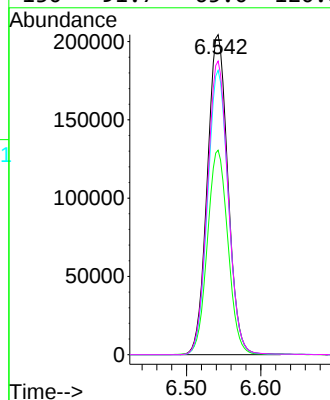
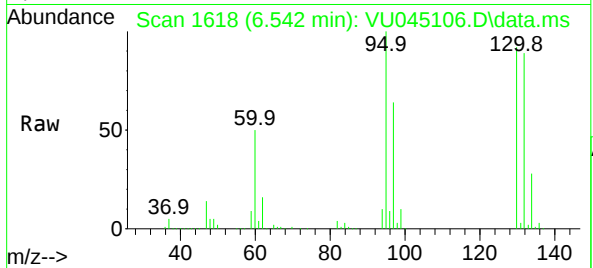


#34
Trichloroethene
Concen: 149.470 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU045106.D
Acq: 04 Oct 2021 19:05

Instrument :
MSVOA_U
ClientSampleId :
EW8Z3ME

Tgt Ion: 95 Resp: 394321

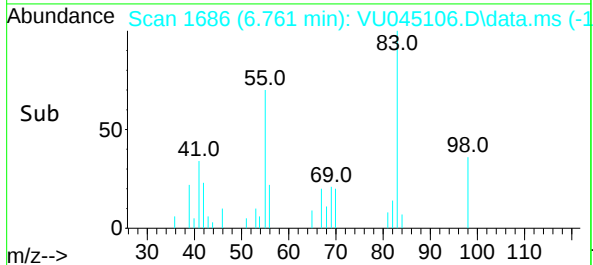
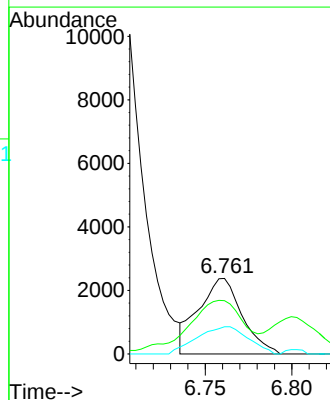
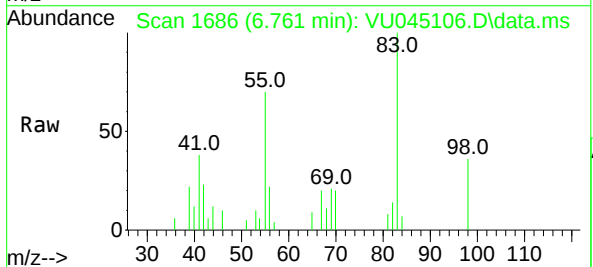
Ion	Ratio	Lower	Upper
95	100		
97	63.9	44.4	82.4
132	88.9	62.9	116.9
130	91.7	65.0	120.8

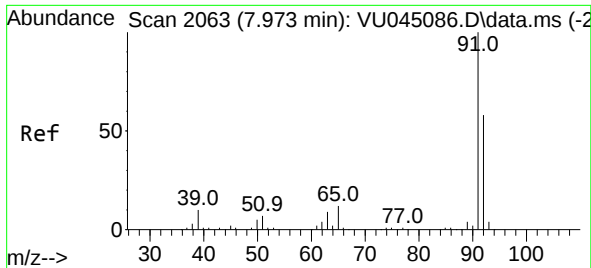


#35
Methylcyclohexane
Concen: 0.942 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VU045106.D
Acq: 04 Oct 2021 19:05

Tgt Ion: 83 Resp: 4159

Ion	Ratio	Lower	Upper
83	100		
55	91.4	65.8	98.6
98	42.2	37.1	55.7

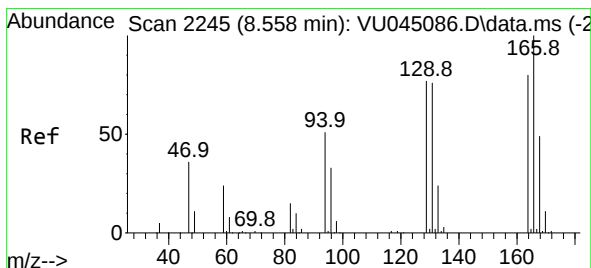
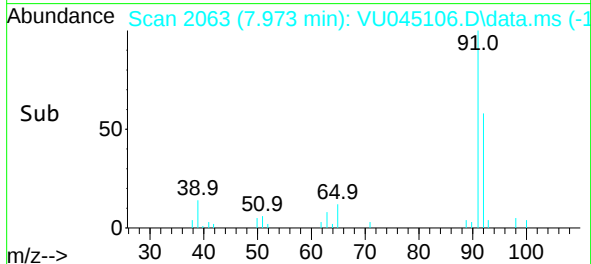
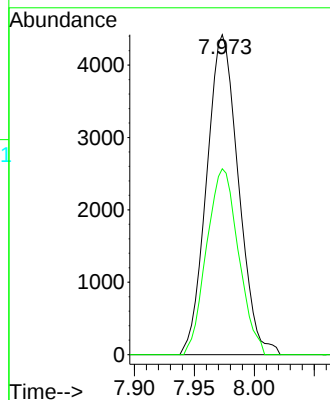
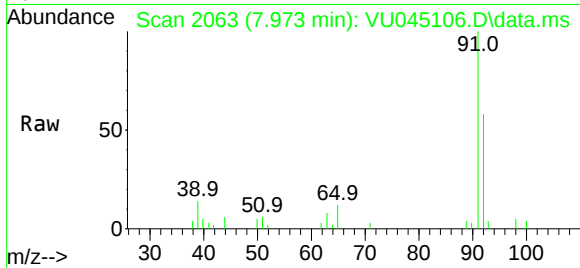




#42
Toluene
Concen: 0.730 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045106.D
Acq: 04 Oct 2021 19:05

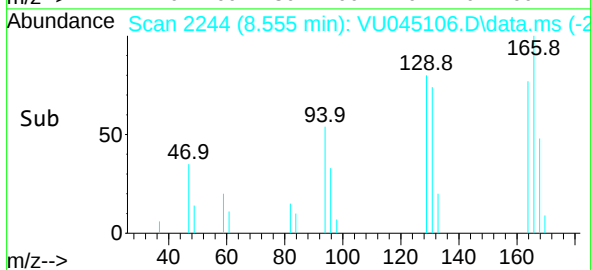
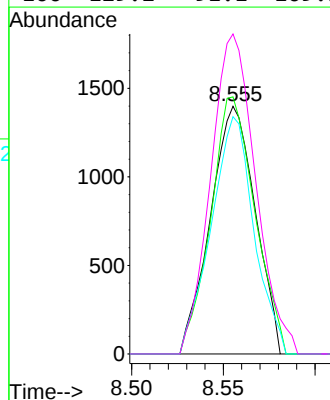
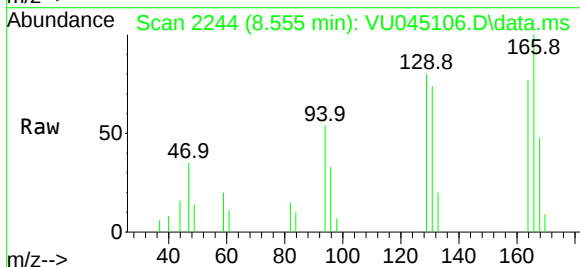
Instrument :
MSVOA_U
ClientSampled :
EW8Z3ME

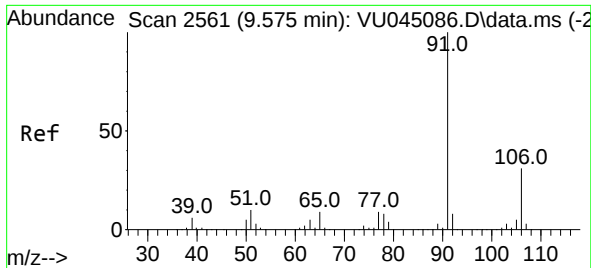
Tgt Ion: 91 Resp: 8149
Ion Ratio Lower Upper
91 100
92 58.1 40.5 75.1



#46
Tetrachloroethene
Concen: 1.262 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU045106.D
Acq: 04 Oct 2021 19:05

Tgt Ion: 164 Resp: 2379
Ion Ratio Lower Upper
164 100
129 103.8 69.8 129.6
131 95.8 66.4 123.2
166 129.2 91.1 169.3

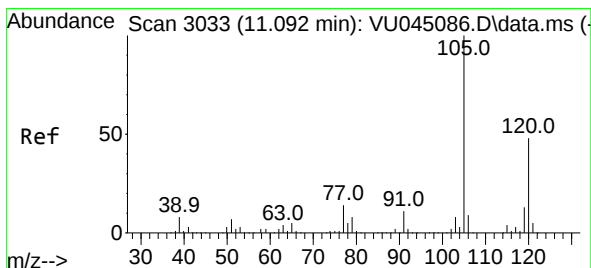
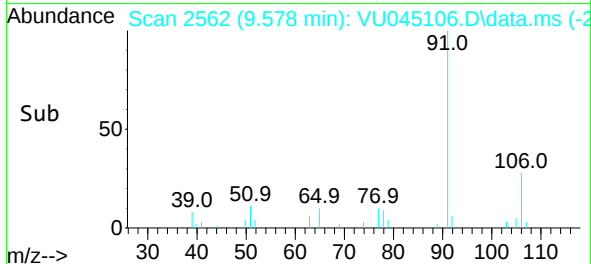
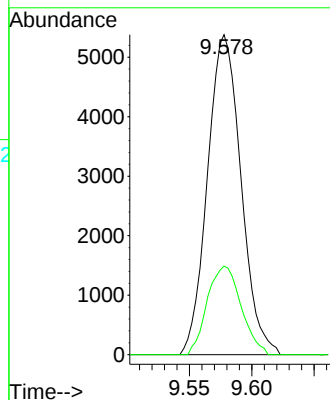
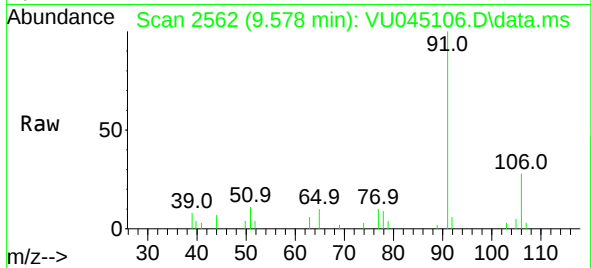




#52
Ethylbenzene
Concen: 0.854 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.003 min
Lab File: VU045106.D
Acq: 04 Oct 2021 19:05

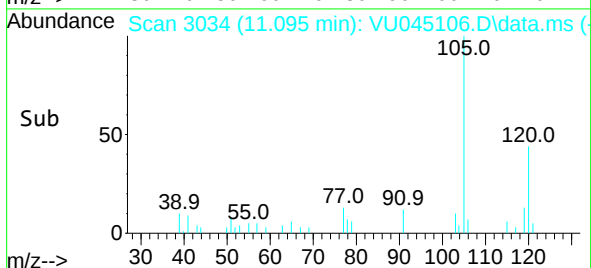
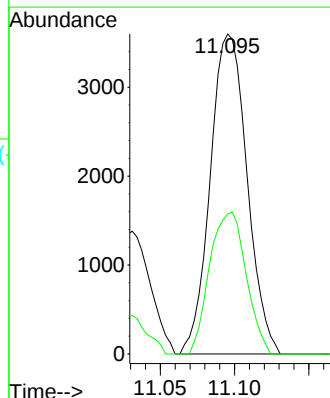
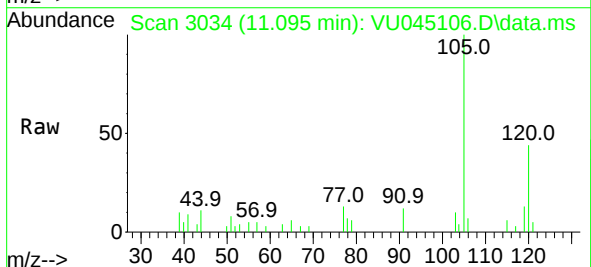
Instrument :
MSVOA_U
ClientSampleId :
EW8Z3ME

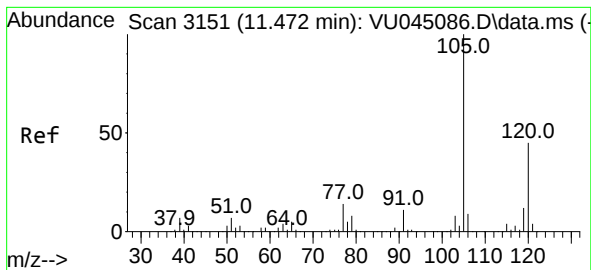
Tgt Ion: 91 Resp: 10064
Ion Ratio Lower Upper
91 100
106 27.7 21.2 39.4



#62
1,3,5-Trimethylbenzene
Concen: 0.731 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.003 min
Lab File: VU045106.D
Acq: 04 Oct 2021 19:05

Tgt Ion: 105 Resp: 6200
Ion Ratio Lower Upper
105 100
120 43.8 38.8 58.2





#63
 1,2,4-Trimethylbenzene
 Concen: 0.780 ug/L
 RT: 11.475 min Scan# 3152
 Delta R.T. 0.003 min
 Lab File: VU045106.D
 Acq: 04 Oct 2021 19:05

Instrument :
 MSVOA_U
 ClientSampleId :
 EW8Z3ME

Tgt Ion:105 Resp: 6781
 Ion Ratio Lower Upper
 105 100
 120 44.2 35.7 53.5

