

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
 Data File : VU045106.D
 Acq On : 04 Oct 2021 19:05
 Operator : SY/MD
 Sample : M3974-09
 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)

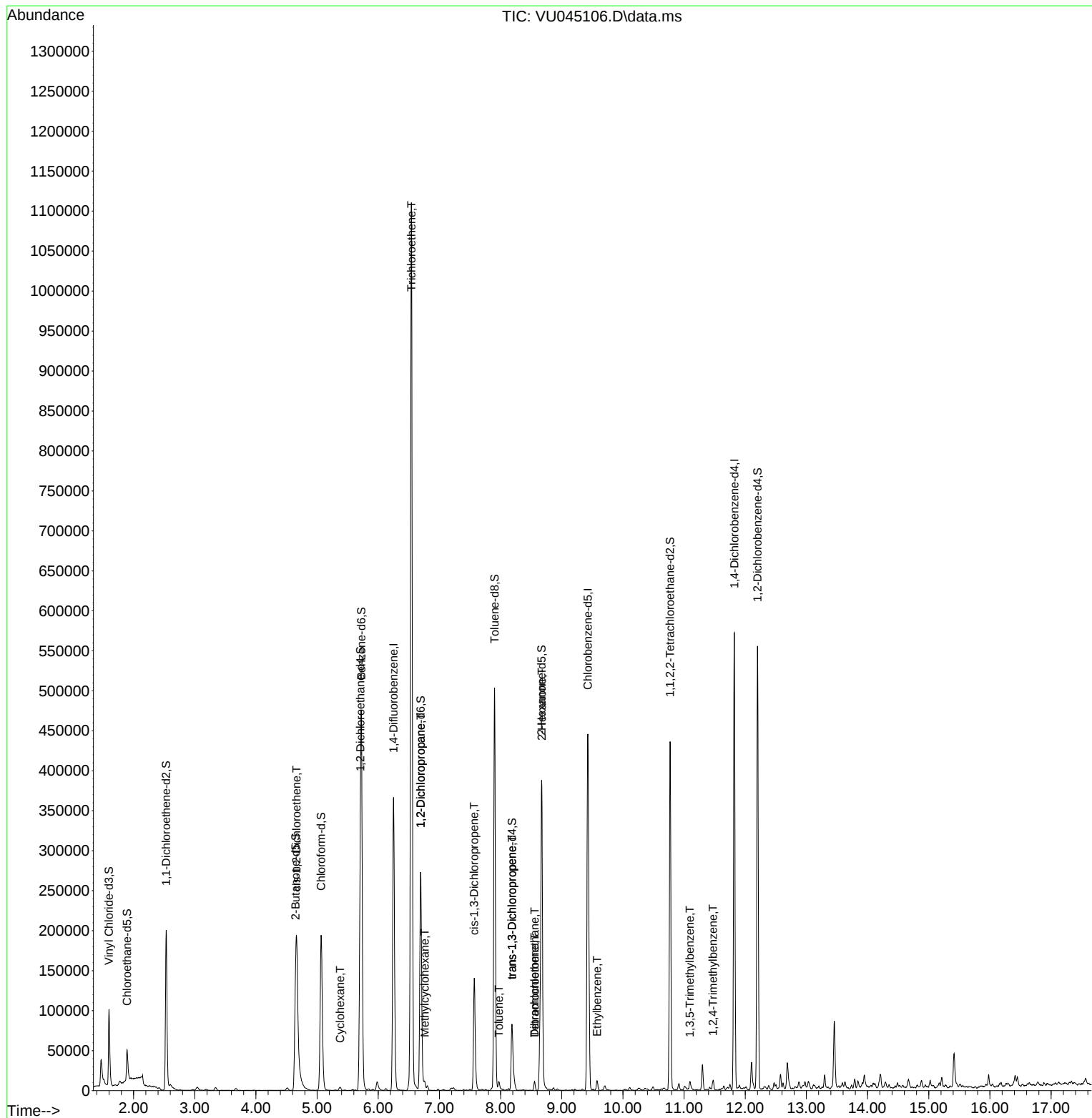
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	310748	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	296134	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	138853	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	88760	26.092	ug/L	0.00
Spiked Amount 50.000	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
37) 1,2-Dichloropropane	6.694	63	15394	5.148	ug/L	98
39) cis-1,3-Dichloropropene	7.568	75	3843	0.898	ug/L #	64
42) Toluene	7.973	91	8149	0.730	ug/L	100
44) trans-1,3-Dichloropropene	8.185	75	2681	0.659	ug/L	85
46) Tetrachloroethene	8.555	164	2379	1.262	ug/L	98
48) 2-Hexanone	8.674	43	20992	4.739	ug/L #	66
49) Dibromochloromethane	8.555	129	2435	0.908	ug/L #	11
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

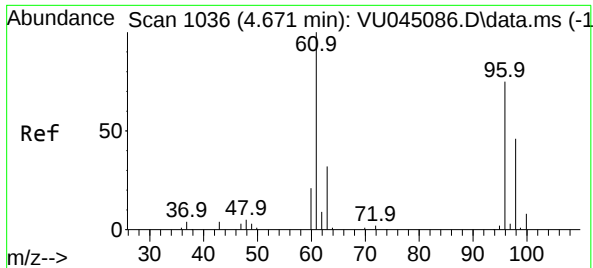
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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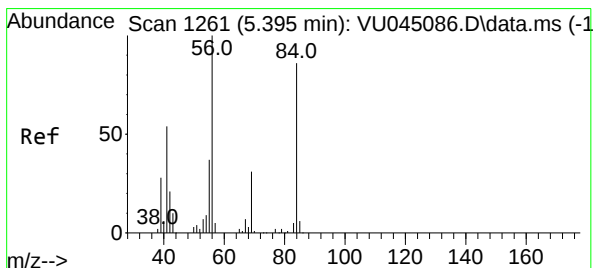
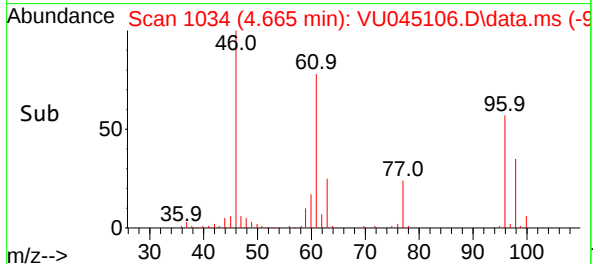
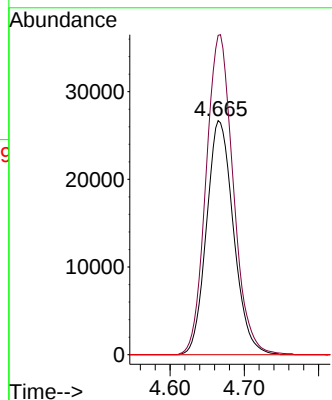
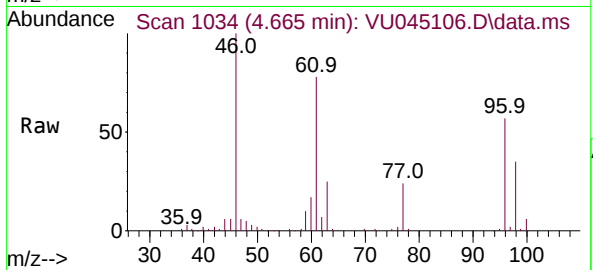


#20

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

Instrument :
MSVOA_U
ClientSampleId :
EW8Z3ME

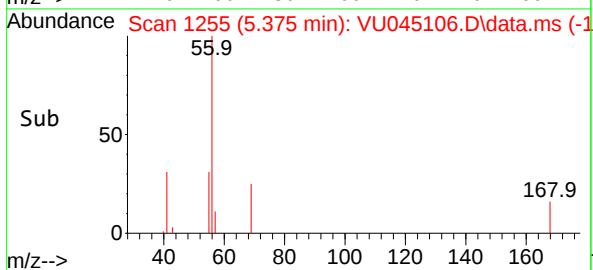
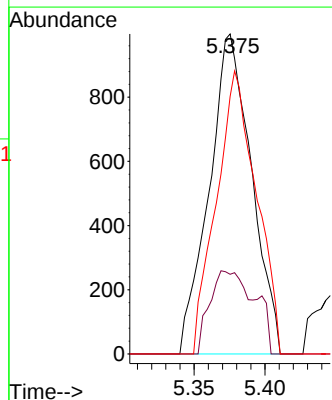
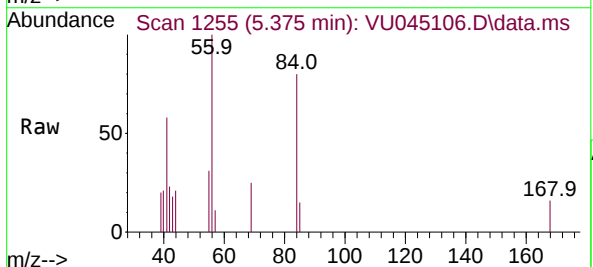
Tgt Ion: 96 Resp: 67488
Ion Ratio Lower Upper
96 100
61 136.4 100.2 186.0
68 0.0 0.0 0.0

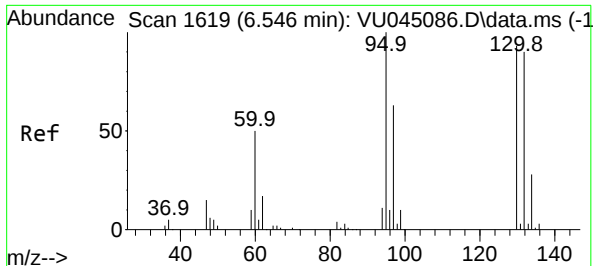


#29

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

Tgt Ion: 95 Resp: 394321

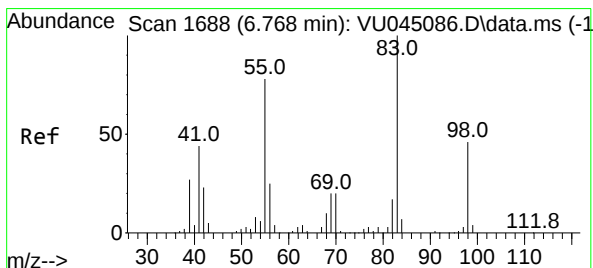
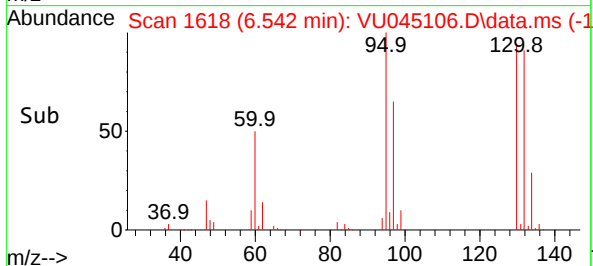
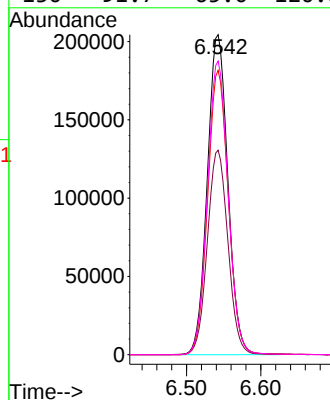
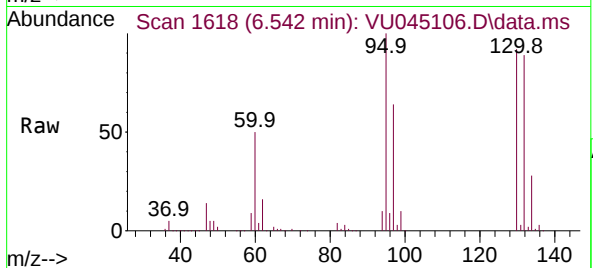
Ion Ratio Lower Upper

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

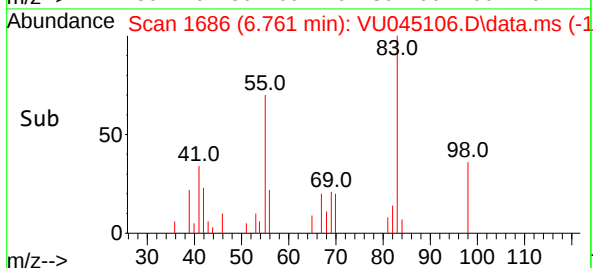
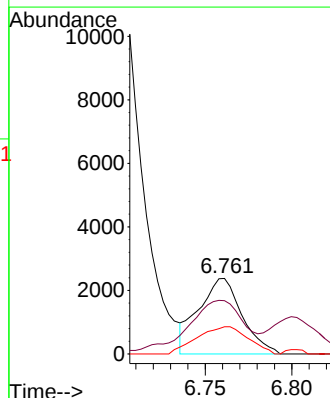
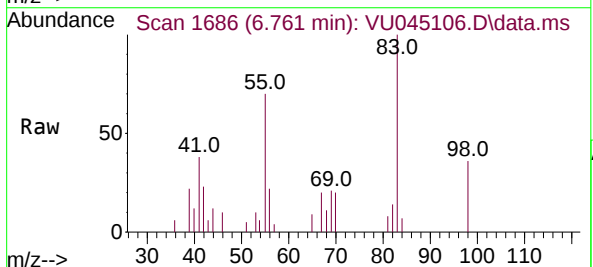
Tgt Ion: 83 Resp: 4159

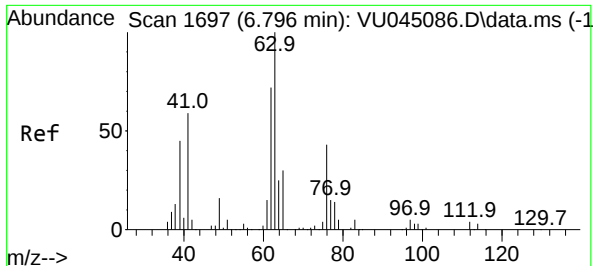
Ion Ratio Lower Upper

83 100

55 91.4 65.8 98.6

98 42.2 37.1 55.7



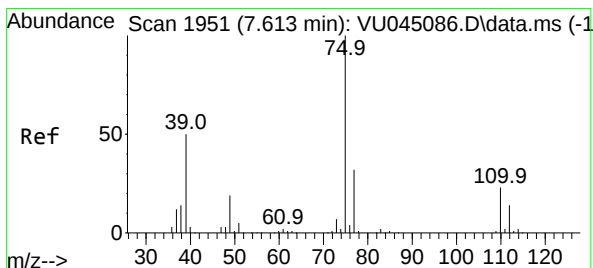
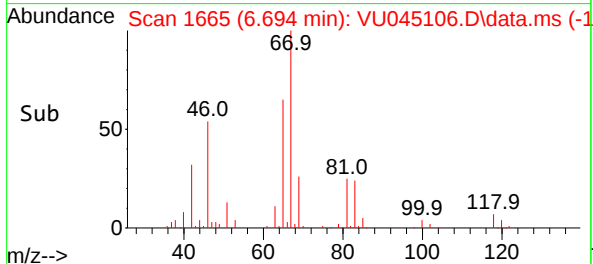
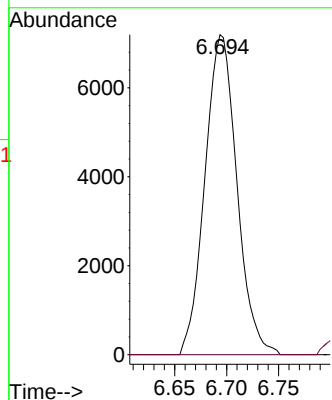
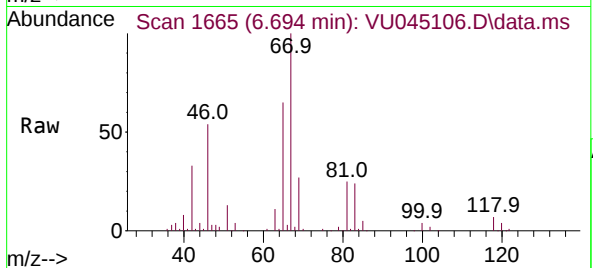


#37

1,2-Dichloropropane
Concen: 5.148 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU045106.D
Acq: 04 Oct 2021 19:05

Instrument :
MSVOA_U
ClientSampled :
EW8Z3ME

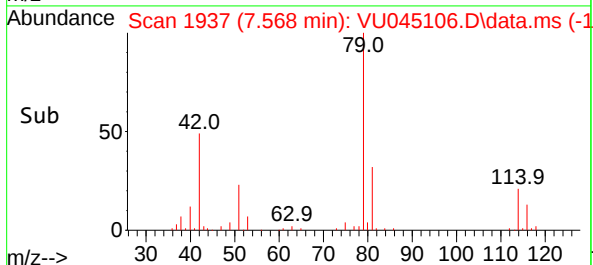
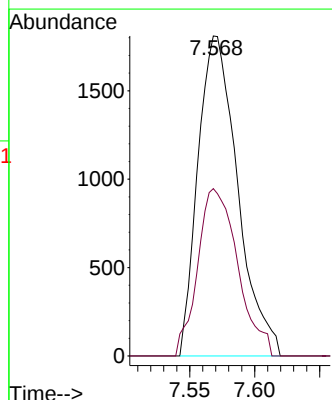
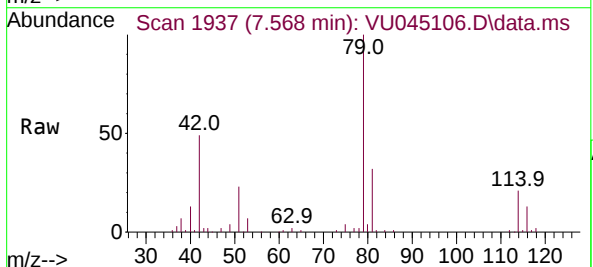
Tgt Ion: 63 Resp: 15394
Ion Ratio Lower Upper
63 100
112 3.3 3.2 4.8

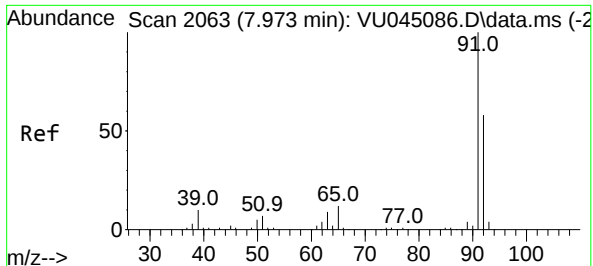


#39

cis-1,3-Dichloropropene
Concen: 0.898 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.045 min
Lab File: VU045106.D
Acq: 04 Oct 2021 19:05

Tgt Ion: 75 Resp: 3843
Ion Ratio Lower Upper
75 100
77 52.3 22.4 41.6#

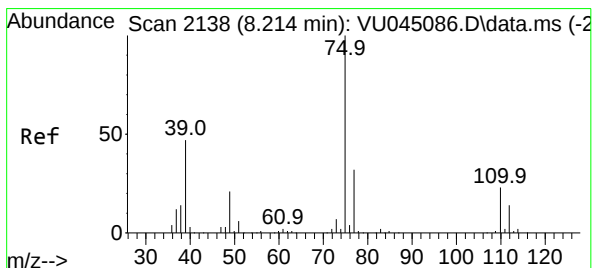
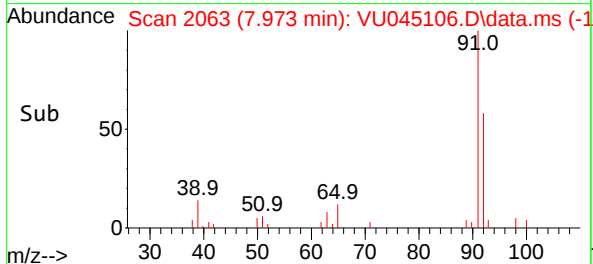
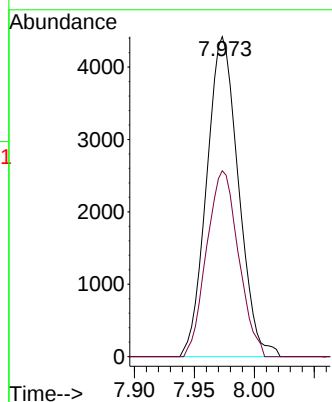
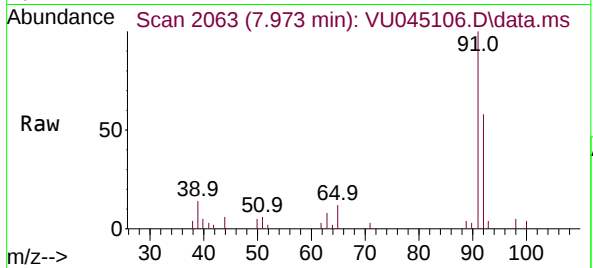




#42
Toluene
Concen: 0.730 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045106.D
Acq: 04 Oct 2021 19:05

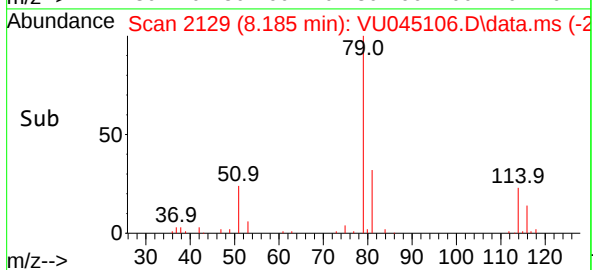
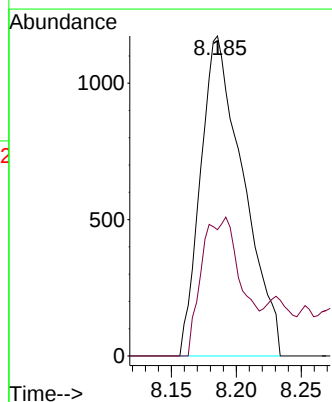
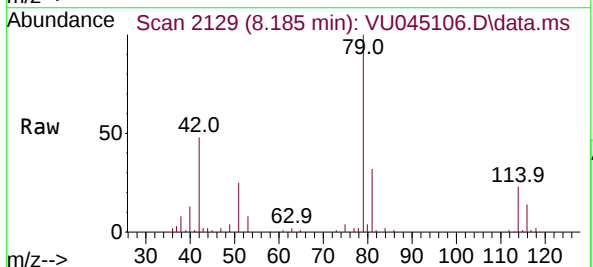
Instrument :
MSVOA_U
ClientSampleId :
EW8Z3ME

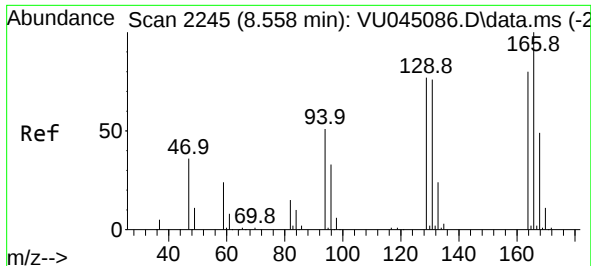
Tgt Ion: 91 Resp: 8149
Ion Ratio Lower Upper
91 100
92 58.1 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.659 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU045106.D
Acq: 04 Oct 2021 19:05

Tgt Ion: 75 Resp: 2681
Ion Ratio Lower Upper
75 100
77 39.5 21.7 40.3



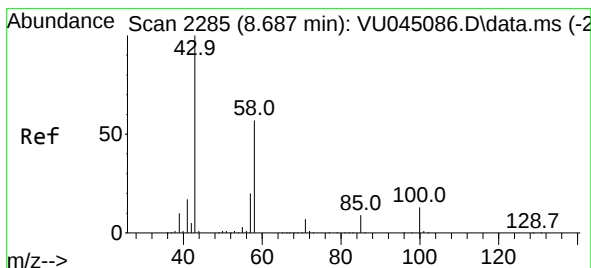
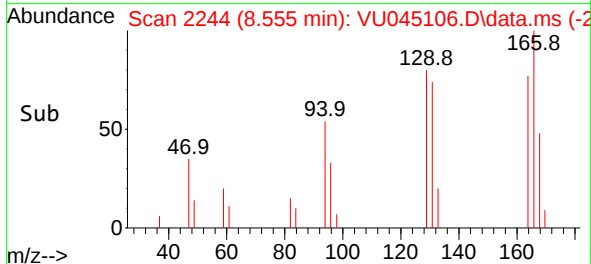
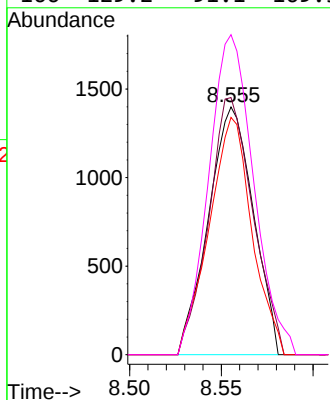
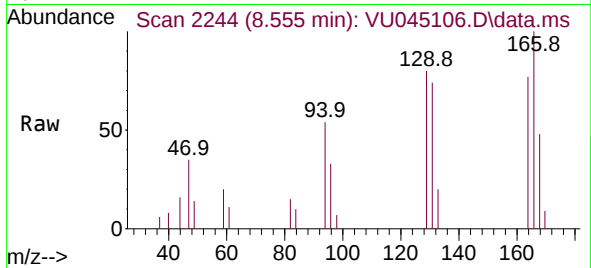


#46
Tetrachloroethene
Concen: 1.262 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU045106.D
Acq: 04 Oct 2021 19:05

Instrument :
MSVOA_U
ClientSampleId :
EW8Z3ME

Tgt Ion:164 Resp: 2379

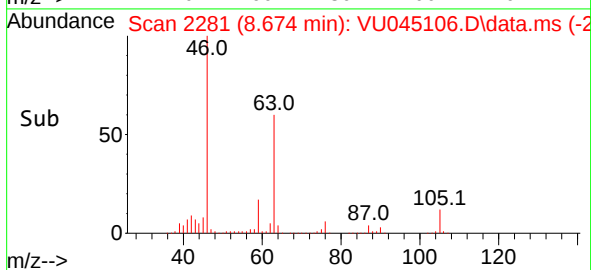
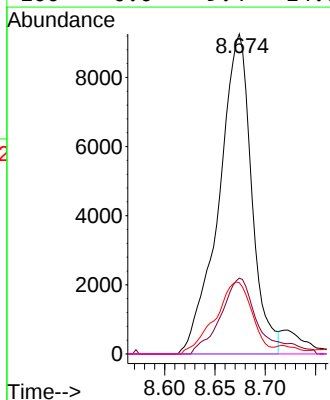
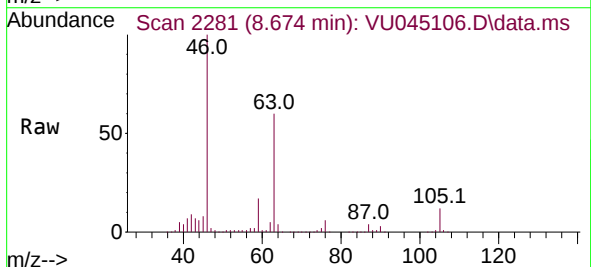
Ion	Ratio	Lower	Upper
164	100		
129	103.8	69.8	129.6
131	95.8	66.4	123.2
166	129.2	91.1	169.3

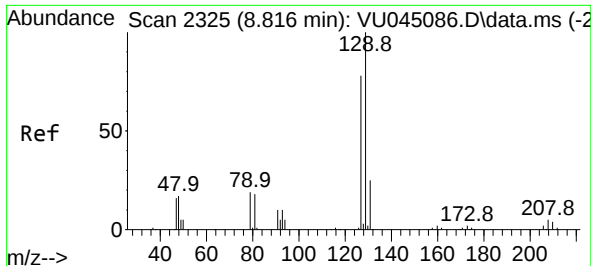


#48
2-Hexanone
Concen: 4.739 ug/L
RT: 8.674 min Scan# 2281
Delta R.T. -0.013 min
Lab File: VU045106.D
Acq: 04 Oct 2021 19:05

Tgt Ion: 43 Resp: 20992

Ion	Ratio	Lower	Upper
43	100		
58	25.8	44.9	67.3#
57	25.3	15.5	23.3#
100	0.0	9.4	14.0#





#49

Dibromochloromethane

Concen: 0.908 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.260 min

Lab File: VU045106.D

Acq: 04 Oct 2021 19:05

Tgt Ion:129 Resp: 2435

Ion Ratio Lower Upper

129 100

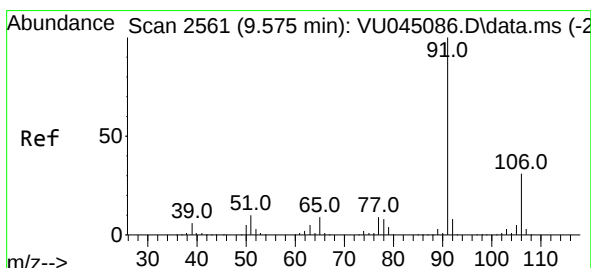
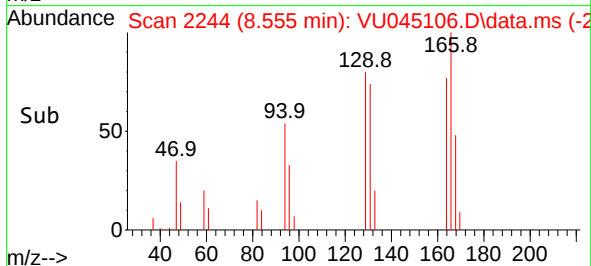
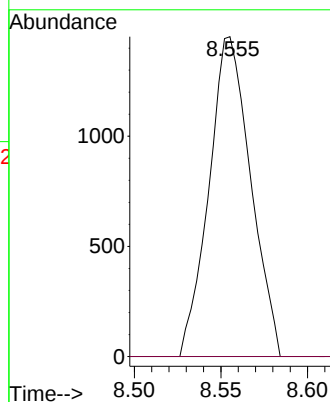
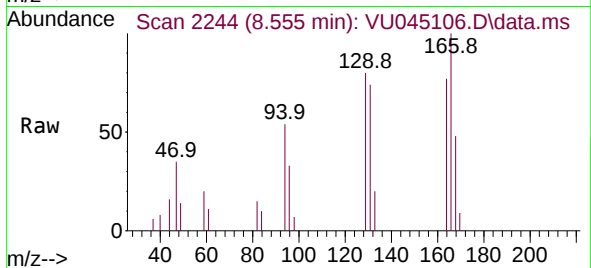
127 0.0 54.3 100.8#

Instrument :

MSVOA_U

ClientSampleId :

EW8Z3ME



#52

Ethylbenzene

Concen: 0.854 ug/L

RT: 9.578 min Scan# 2562

Delta R.T. 0.003 min

Lab File: VU045106.D

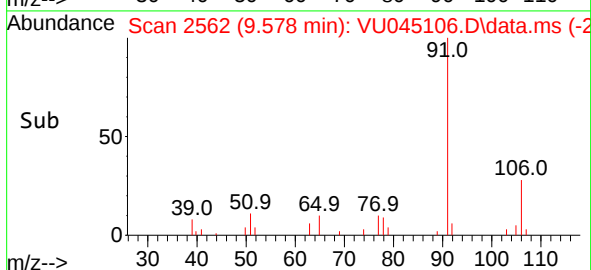
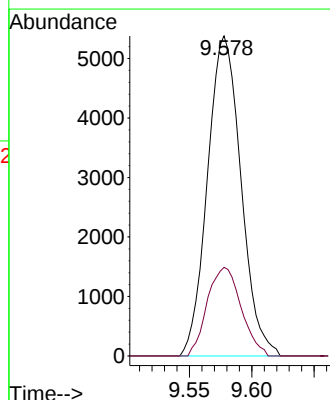
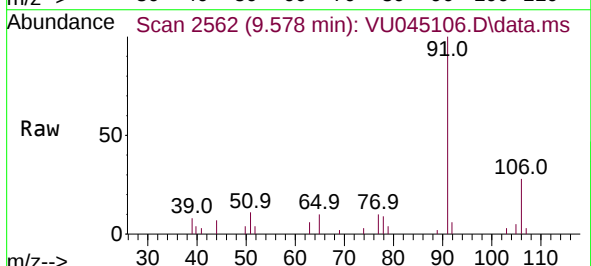
Acq: 04 Oct 2021 19:05

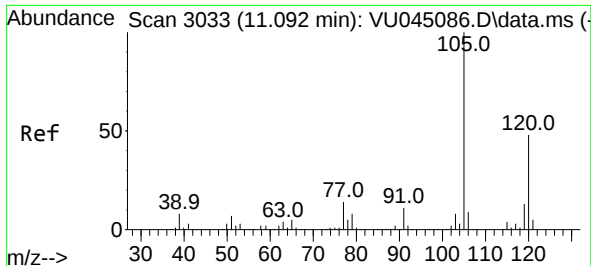
Tgt Ion: 91 Resp: 10064

Ion Ratio Lower Upper

91 100

106 27.7 21.2 39.4

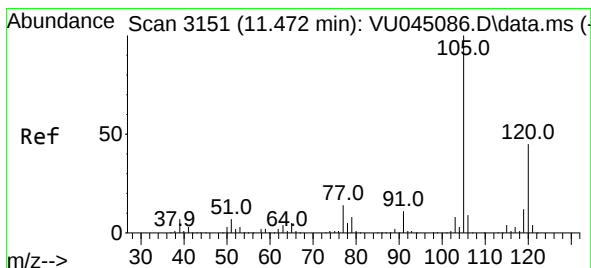
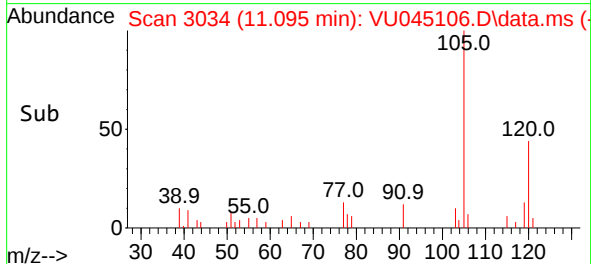
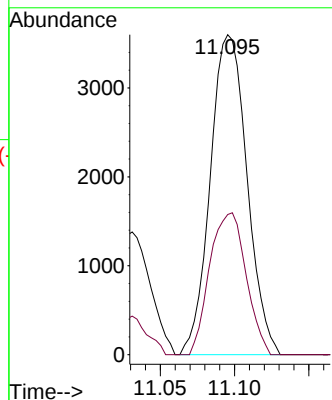
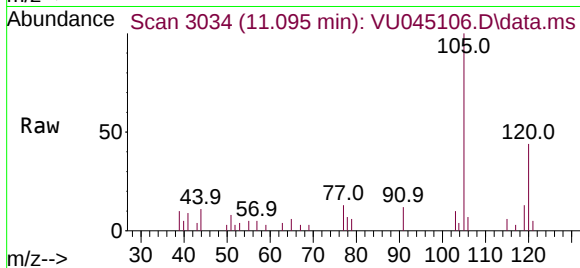




#62
1,3,5-Trimethylbenzene
Concen: 0.731 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.003 min
Lab File: VU045106.D
Acq: 04 Oct 2021 19:05

Instrument :
MSVOA_U
ClientSampleId :
EW8Z3ME

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

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

