

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092421\
 Data File : VU044800.D
 Acq On : 24 Sep 2021 10:17
 Operator : SY/MD
 Sample : VV0924MBL01
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 25 02:37:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 25 02:36:00 2021
 Response via : Initial Calibration

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

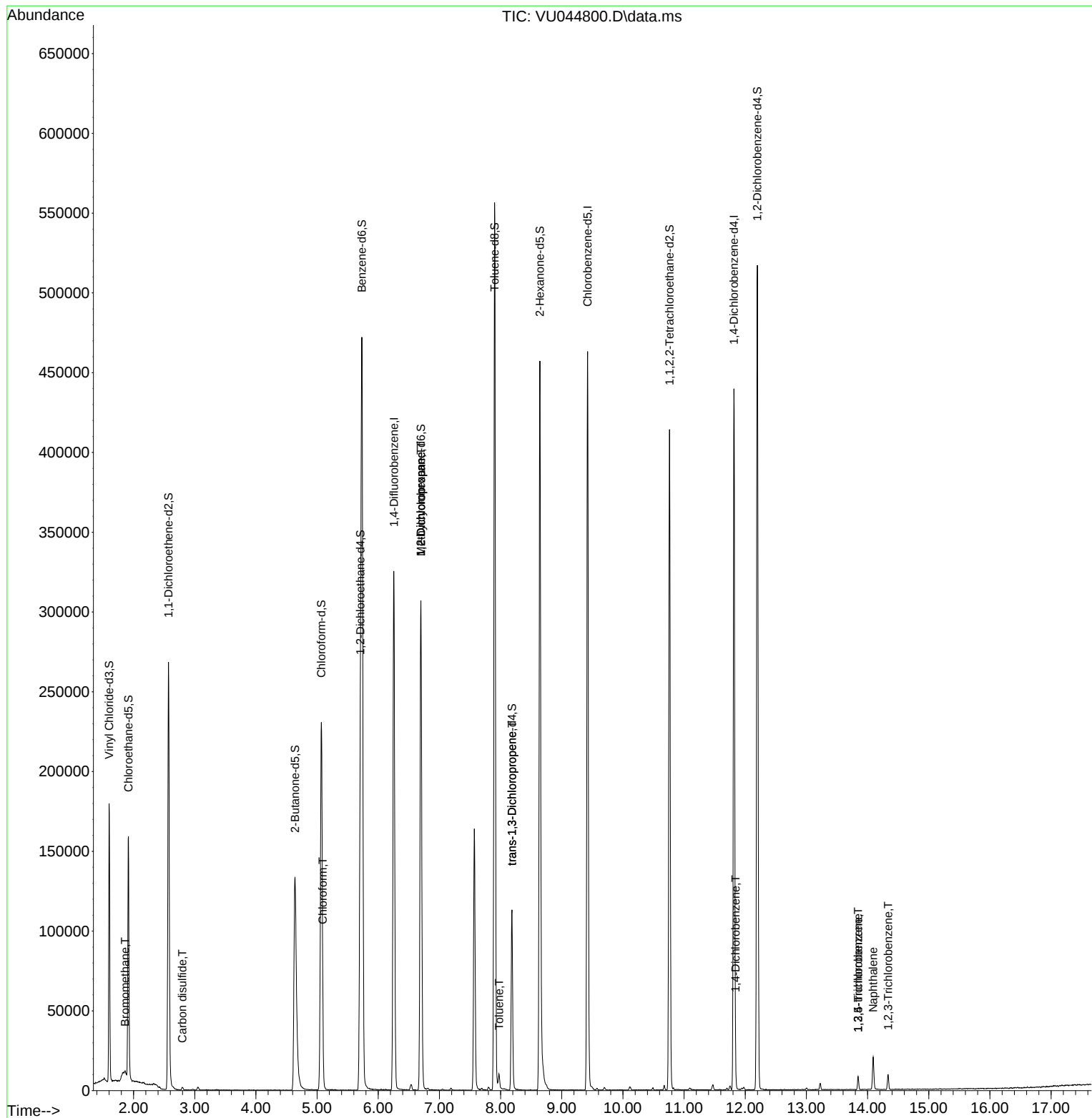
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	249559	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	239593	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	106591	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	122603	44.878	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.760%		
7) Chloroethane-d5	1.916	69	108827	50.269	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	100.540%		
11) 1,1-Dichloroethene-d2	2.572	63	161746	35.255	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.520%		
21) 2-Butanone-d5	4.639	46	239854	111.054	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	111.050%		
24) Chloroform-d	5.070	84	208306	48.277	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.560%		
26) 1,2-Dichloroethane-d4	5.707	65	146131	49.999	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.000%		
32) Benzene-d6	5.732	84	417537	50.222	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.440%		
36) 1,2-Dichloropropane-d6	6.697	67	138920	51.246	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	102.500%		
41) Toluene-d8	7.903	98	353120	49.218	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.440%		
43) trans-1,3-Dichloroprop...	8.185	79	59339	49.209	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.420%		
47) 2-Hexanone-d5	8.642	63	162642	108.264	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	108.260%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	206632	48.950	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.900%		
66) 1,2-Dichlorobenzene-d4	12.198	152	125770	54.218	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	108.440%		
Target Compounds						Qvalue
6) Bromomethane	1.861	94	1029	0.735	ug/L	96
14) Carbon disulfide	2.797	76	1869	0.302	ug/L #	92
25) Chloroform	5.092	83	1719	0.408	ug/L	91
35) Methylcyclohexane	6.697	83	31385	8.783	ug/L #	17
37) 1,2-Dichloropropane	6.697	63	15612	6.453	ug/L #	88
42) Toluene	7.977	91	5728	0.634	ug/L	100
44) trans-1,3-Dichloropropene	8.185	75	3090	0.939	ug/L #	81
65) 1,4-Dichlorobenzene	11.841	146	1592	0.430	ug/L	97
69) 1,3,5-Trichlorobenzene	13.844	180	2767	1.106	ug/L	91
70) 1,2,4-trichlorobenzene	13.844	180	2767	1.331	ug/L	92
71) Naphthalene	14.092	128	16330	2.267	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	3075	1.446	ug/L	99

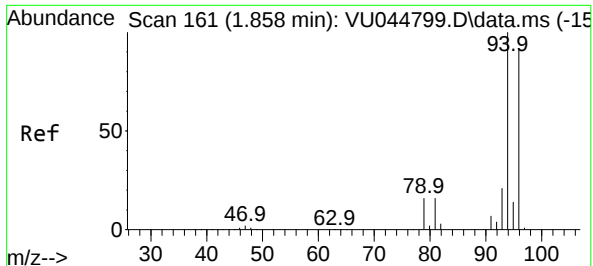
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_U
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Quant Time: Sep 25 02:37:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
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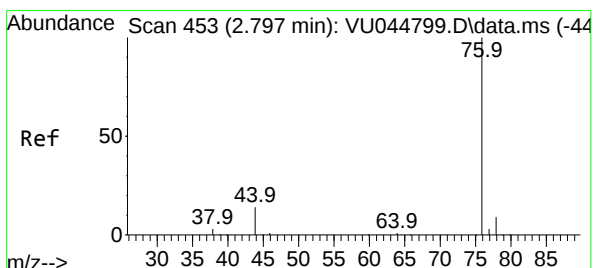
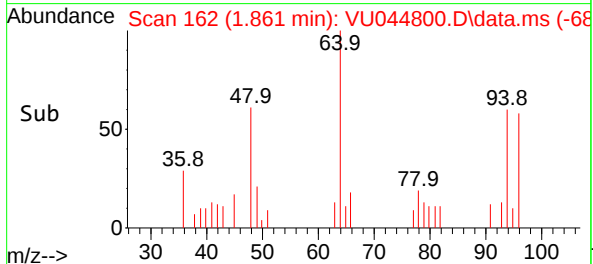
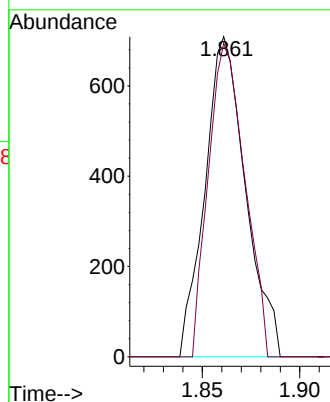
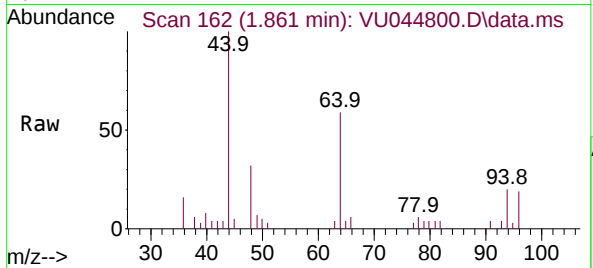




#6
Bromomethane
Concen: 0.735 ug/L
RT: 1.861 min Scan# 162
Delta R.T. 0.003 min
Lab File: VU044800.D
Acq: 24 Sep 2021 10:17

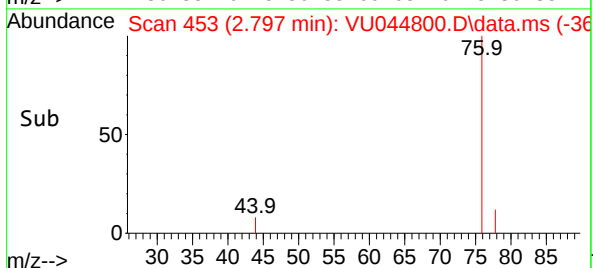
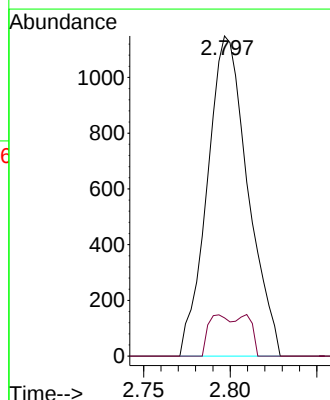
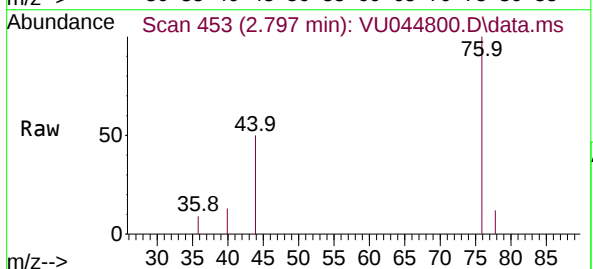
Instrument :
MSVOA_U
ClientSampled :

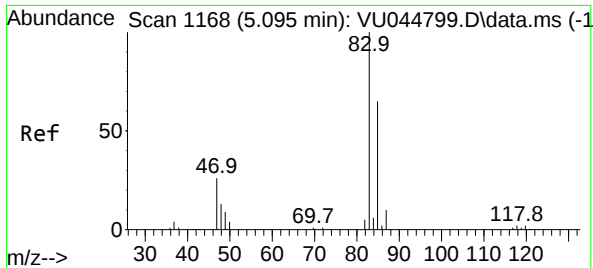
Tgt Ion: 94 Resp: 1029
Ion Ratio Lower Upper
94 100
96 97.9 65.7 121.9



#14
Carbon disulfide
Concen: 0.302 ug/L
RT: 2.797 min Scan# 453
Delta R.T. 0.000 min
Lab File: VU044800.D
Acq: 24 Sep 2021 10:17

Tgt Ion: 76 Resp: 1869
Ion Ratio Lower Upper
76 100
78 11.9 7.3 10.9#



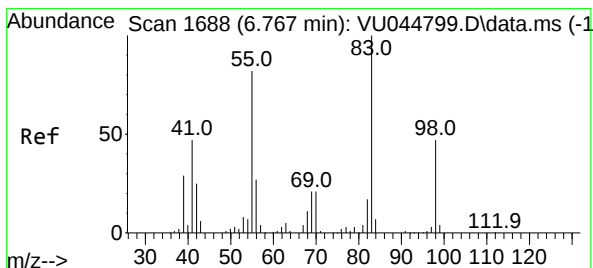
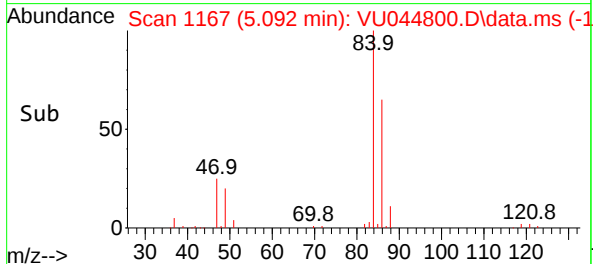
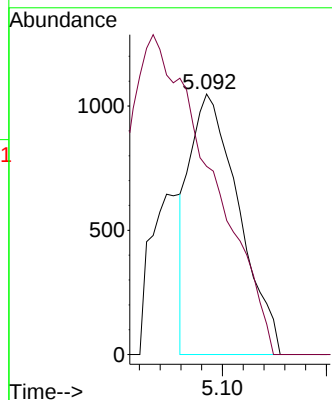
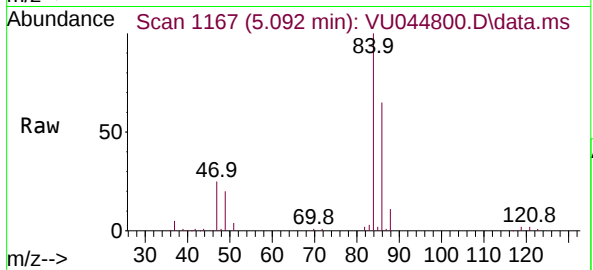


#25

Chloroform
Concen: 0.408 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.003 min
Lab File: VU044800.D
Acq: 24 Sep 2021 10:17

Instrument :
MSVOA_U
ClientSampled :

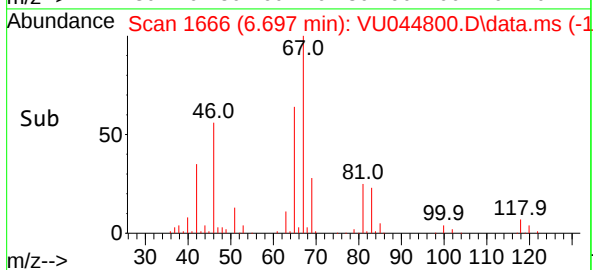
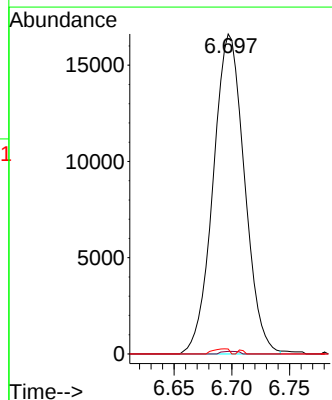
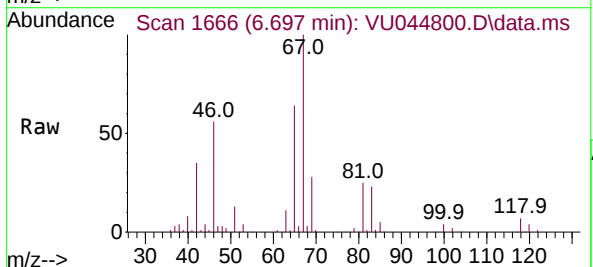
Tgt Ion: 83 Resp: 1719
Ion Ratio Lower Upper
83 100
85 72.2 45.6 84.6

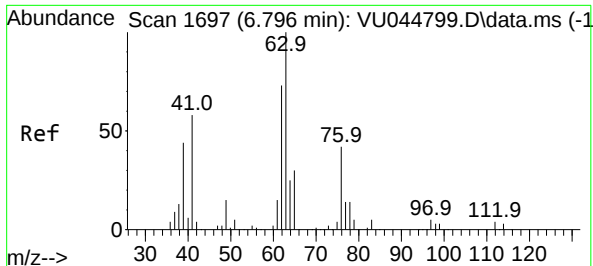


#35

Methylcyclohexane
Concen: 8.783 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.071 min
Lab File: VU044800.D
Acq: 24 Sep 2021 10:17

Tgt Ion: 83 Resp: 31385
Ion Ratio Lower Upper
83 100
55 0.4 65.8 98.6#
98 0.8 37.1 55.7#



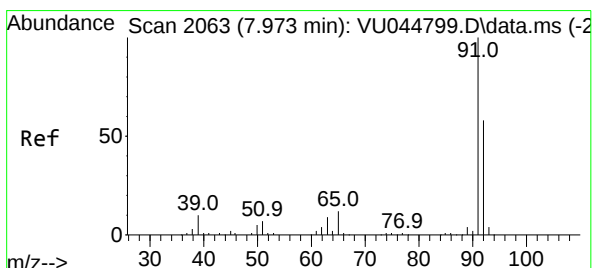
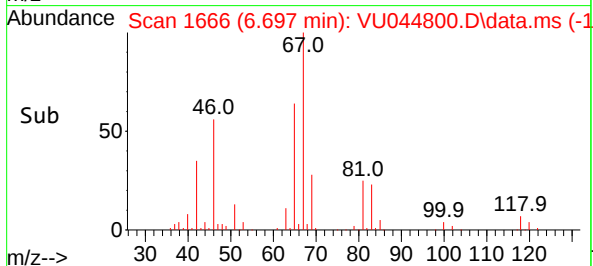
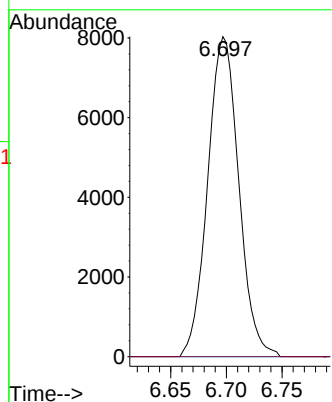
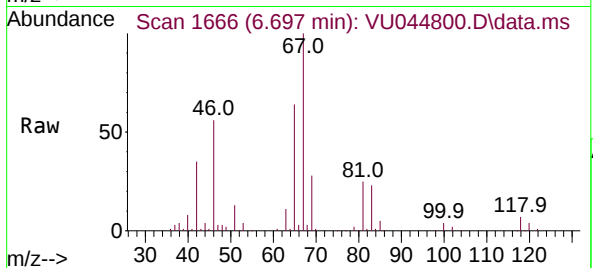


#37

1,2-Dichloropropane
Concen: 6.453 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU044800.D
Acq: 24 Sep 2021 10:17

Instrument :
MSVOA_U
ClientSampled :

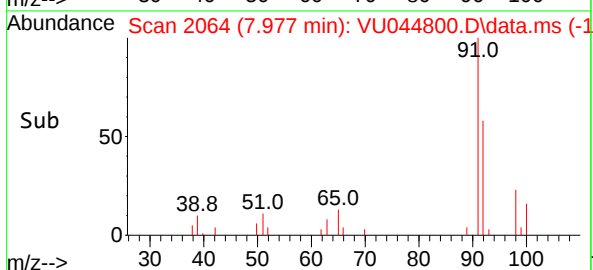
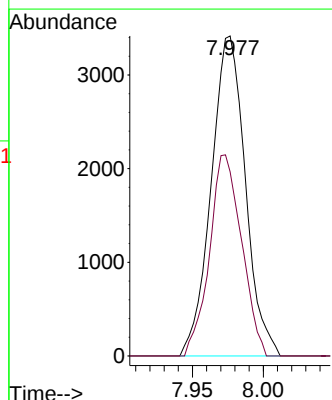
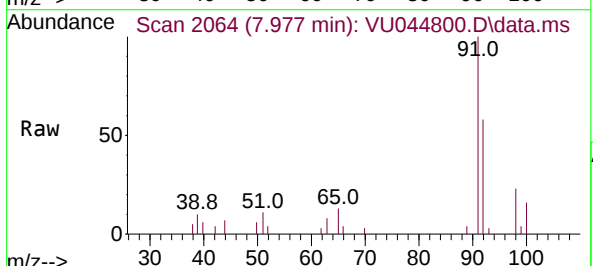
Tgt Ion: 63 Resp: 15612
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

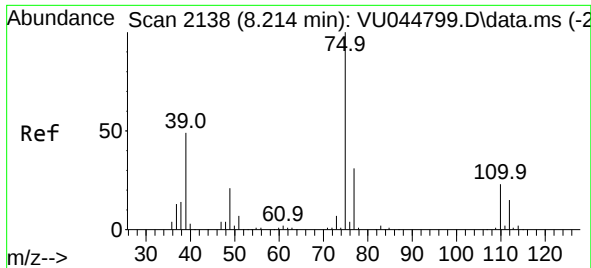


#42

Toluene
Concen: 0.634 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.003 min
Lab File: VU044800.D
Acq: 24 Sep 2021 10:17

Tgt Ion: 91 Resp: 5728
Ion Ratio Lower Upper
91 100
92 57.6 40.5 75.1

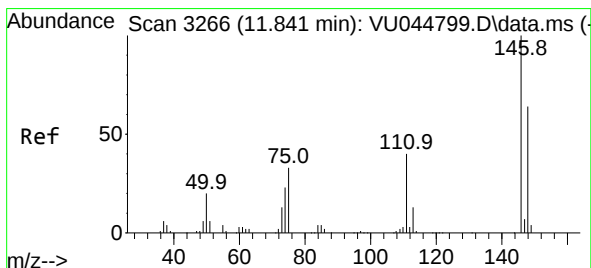
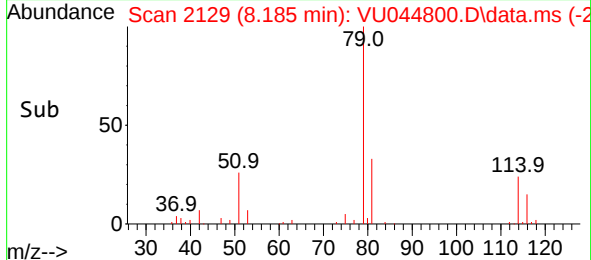
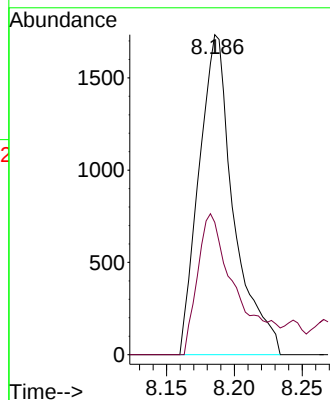
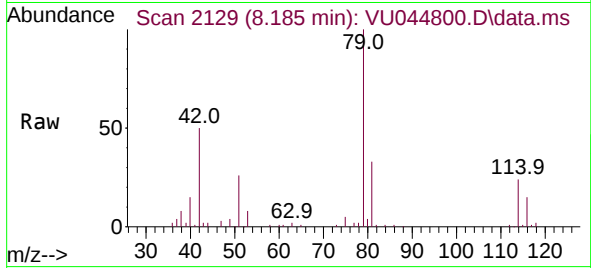




#44
trans-1,3-Dichloropropene
Concen: 0.939 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU044800.D
Acq: 24 Sep 2021 10:17

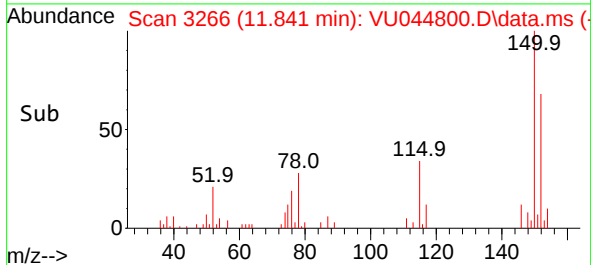
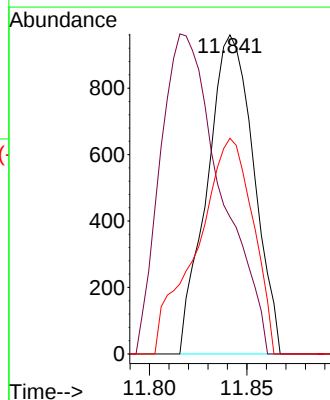
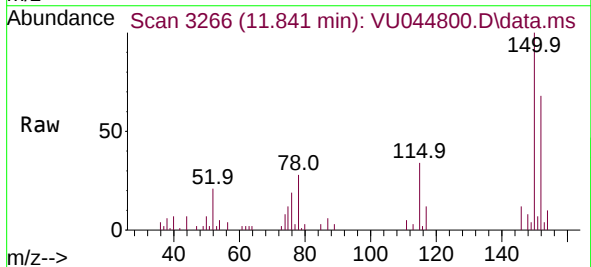
Instrument :
MSVOA_U
ClientSampled :

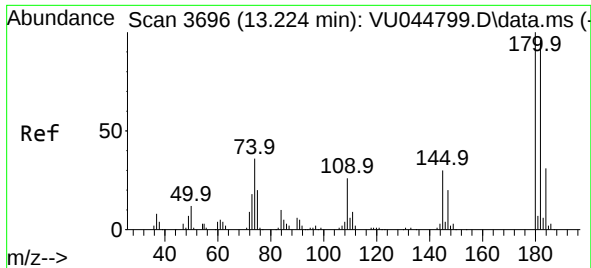
Tgt Ion: 75 Resp: 3090
Ion Ratio Lower Upper
75 100
77 41.3 21.7 40.3#



#65
1,4-Dichlorobenzene
Concen: 0.430 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU044800.D
Acq: 24 Sep 2021 10:17

Tgt Ion:146 Resp: 1592
Ion Ratio Lower Upper
146 100
111 42.9 28.5 52.9
148 67.6 45.5 84.5

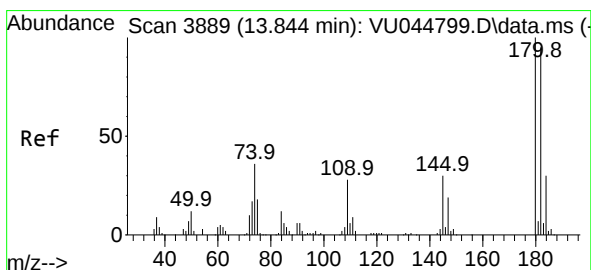
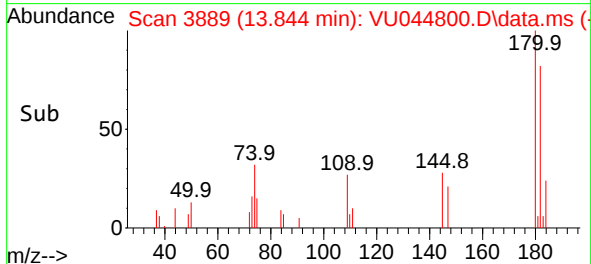
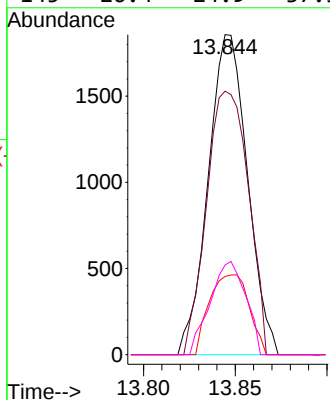
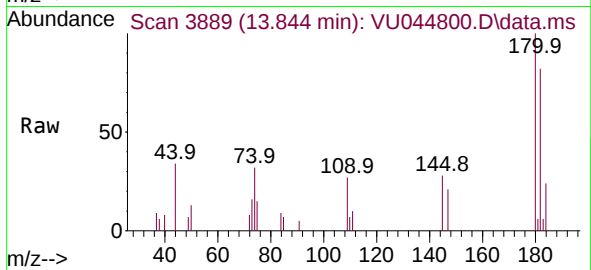




#69
1,3,5-Trichlorobenzene
Concen: 1.106 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. 0.621 min
Lab File: VU044800.D
Acq: 24 Sep 2021 10:17

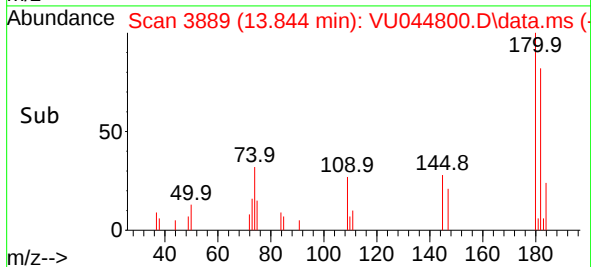
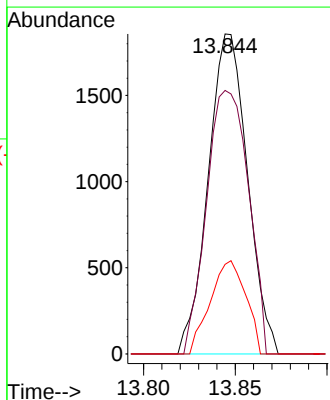
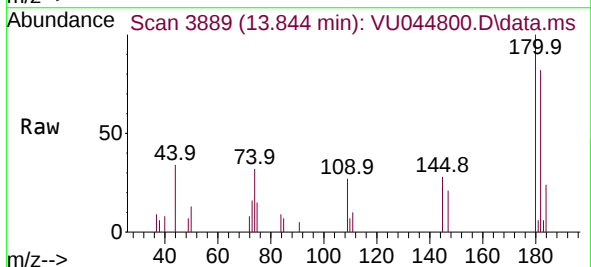
Instrument :
MSVOA_U
ClientSampled :

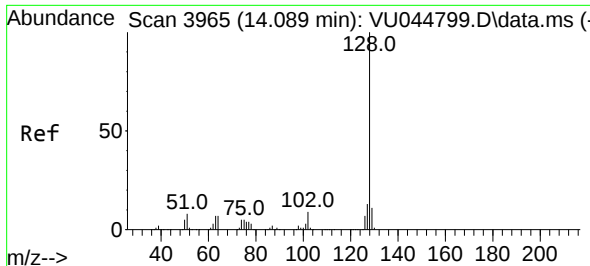
Tgt Ion:	180	Resp:	2767
Ion Ratio	Lower	Upper	
180	100		
182	87.9	76.8	115.2
184	25.2	24.4	36.6
145	26.4	24.9	37.3



#70
1,2,4-trichlorobenzene
Concen: 1.331 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU044800.D
Acq: 24 Sep 2021 10:17

Tgt Ion:	180	Resp:	2767
Ion Ratio	Lower	Upper	
180	100		
182	87.9	76.2	114.2
145	26.4	25.4	38.0

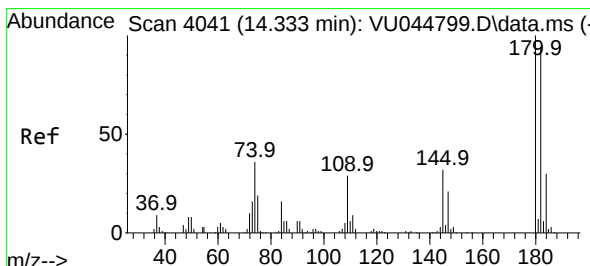
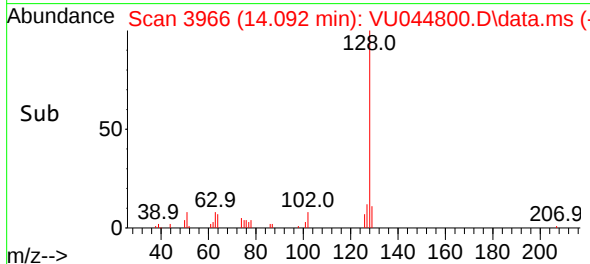
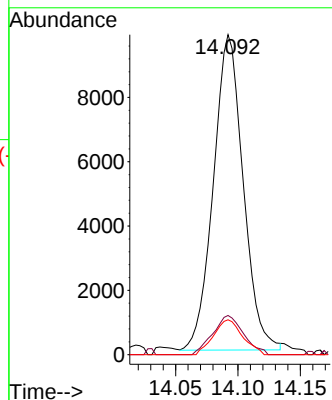
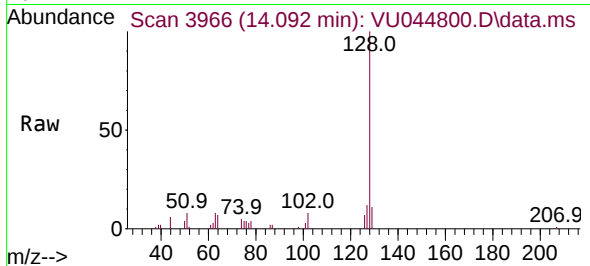




#71
Naphthalene
Concen: 2.267 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU044800.D
Acq: 24 Sep 2021 10:17

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:128	Resp:	16330
Ion Ratio	Lower	Upper
128	100	
127	12.8	10.4 15.6
129	10.8	8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 1.446 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.003 min
Lab File: VU044800.D
Acq: 24 Sep 2021 10:17

Tgt Ion:180	Resp:	3075
Ion Ratio	Lower	Upper
180	100	
182	96.6	76.8 115.2
145	32.8	26.5 39.7

