

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092421\
 Data File : VU044811.D
 Acq On : 24 Sep 2021 14:47
 Operator : SY/MD
 Sample : M3873-13DL 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 25 02:39:13 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)

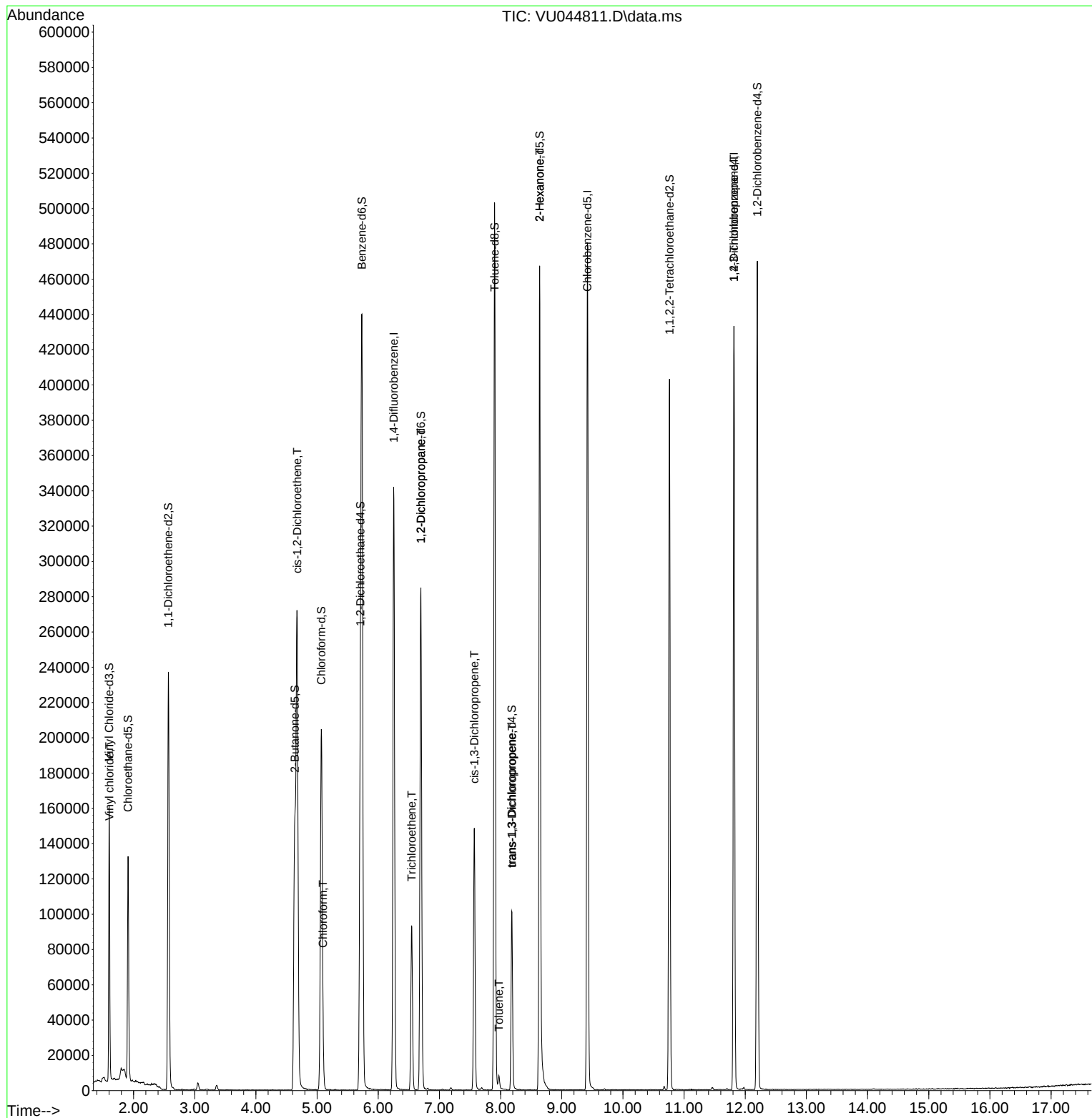
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	257411	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	248088	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	108560	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	108819	38.617	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.240%
7) Chloroethane-d5	1.909	69	93355	41.807	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.620%
11) 1,1-Dichloroethene-d2	2.568	63	143429	30.309	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.620%
21) 2-Butanone-d5	4.636	46	234333	105.188	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.190%
24) Chloroform-d	5.070	84	180765	40.616	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.240%
26) 1,2-Dichloroethane-d4	5.706	65	139096	46.140	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.280%
32) Benzene-d6	5.732	84	387916	45.062	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.120%
36) 1,2-Dichloropropane-d6	6.697	67	129792	46.239	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.480%
41) Toluene-d8	7.902	98	315676	42.492	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.980%
43) trans-1,3-Dichloroprop...	8.182	79	53989	43.239	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.480%
47) 2-Hexanone-d5	8.639	63	156687	100.728	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.730%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	197306	45.140	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.280%
66) 1,2-Dichlorobenzene-d4	12.198	152	114024	48.263	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.520%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	2191	0.728	ug/L #	1
20) cis-1,2-Dichloroethene	4.674	96	124236	53.692	ug/L	96
25) Chloroform	5.095	83	13414	3.089	ug/L	92
34) Trichloroethene	6.546	95	30564	13.829	ug/L	98
37) 1,2-Dichloropropane	6.697	63	14909	5.951	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	3602	1.005	ug/L #	70
42) Toluene	7.973	91	4834	0.517	ug/L	95
44) trans-1,3-Dichloropropene	8.185	75	2470	0.725	ug/L	86
48) 2-Hexanone	8.639	43	19420	5.233	ug/L #	68
60) 1,2,3-Trichloropropane	11.815	75	14896	4.961	ug/L #	66

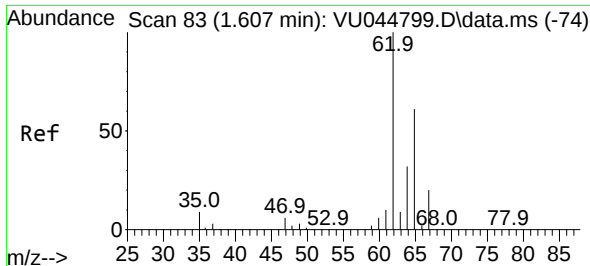
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Sep 25 02:36:00 2021
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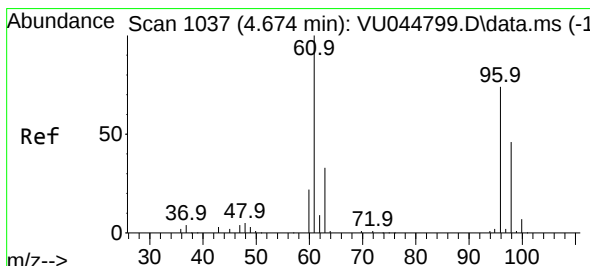
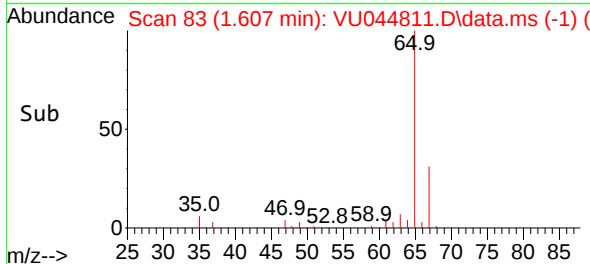
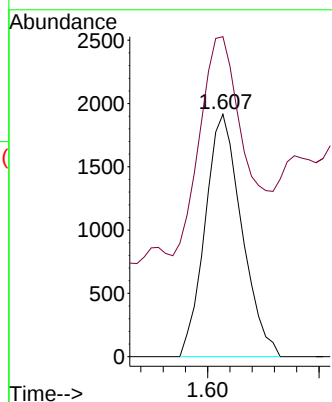
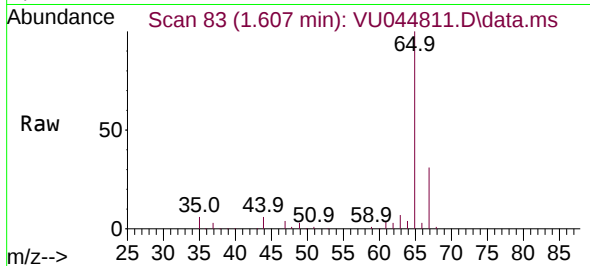




#5
 Vinyl chloride
 Concen: 0.728 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU044811.D
 Acq: 24 Sep 2021 14:47

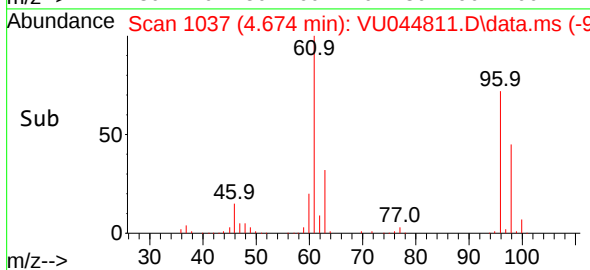
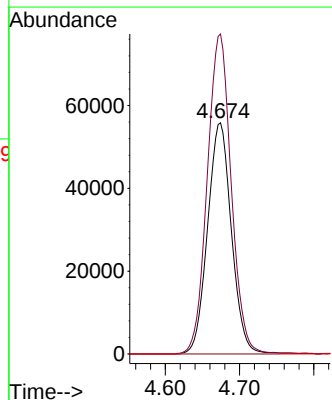
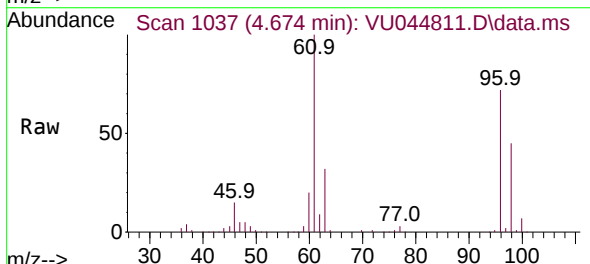
Instrument :
 MSVOA_U
 ClientSampleId :

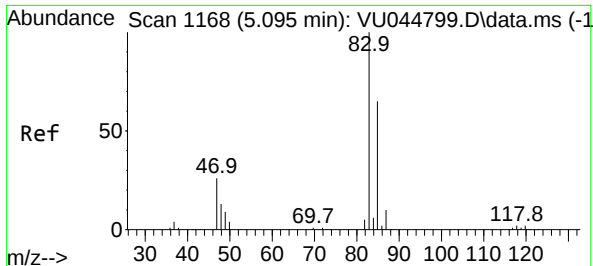
Tgt Ion: 62 Resp: 2191
 Ion Ratio Lower Upper
 62 100
 64 132.0 23.4 43.6#



#20
 cis-1,2-Dichloroethene
 Concen: 53.692 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VU044811.D
 Acq: 24 Sep 2021 14:47

Tgt Ion: 96 Resp: 124236
 Ion Ratio Lower Upper
 96 100
 61 138.4 100.2 186.0
 68 0.0 0.0 0.0



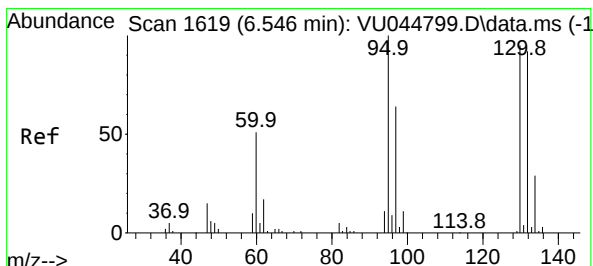
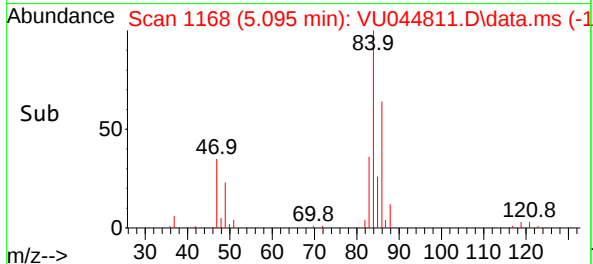
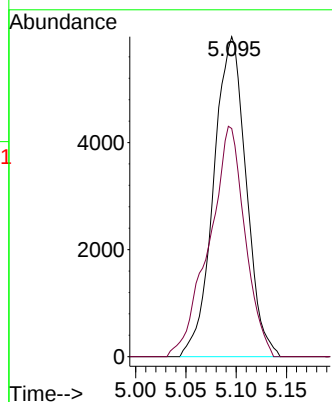
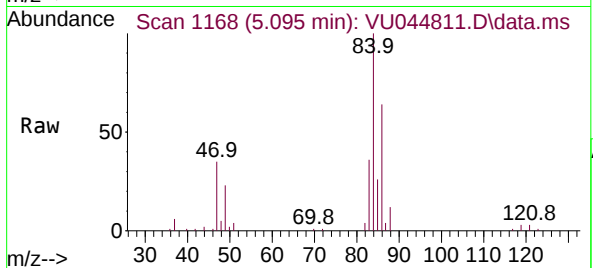


#25

Chloroform
Concen: 3.089 ug/L
RT: 5.095 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VU044811.D
Acq: 24 Sep 2021 14:47

Instrument :
MSVOA_U
ClientSampleId :

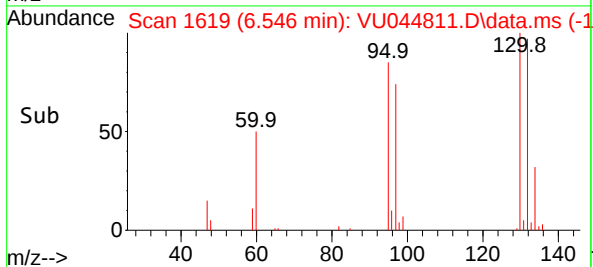
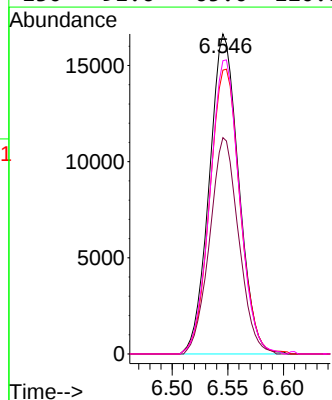
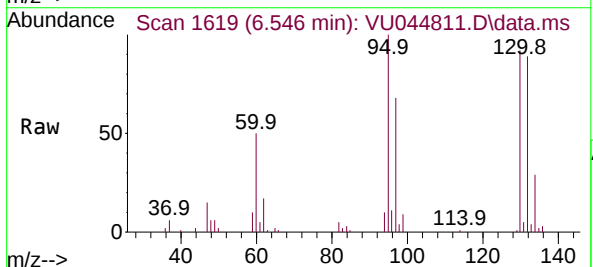
Tgt Ion: 83 Resp: 13414
Ion Ratio Lower Upper
83 100
85 71.3 45.6 84.6

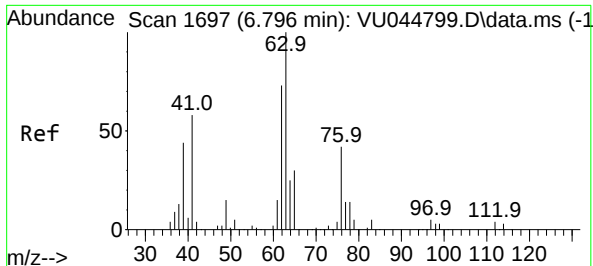


#34

Trichloroethene
Concen: 13.829 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU044811.D
Acq: 24 Sep 2021 14:47

Tgt Ion: 95 Resp: 30564
Ion Ratio Lower Upper
95 100
97 67.6 44.4 82.4
132 88.7 62.9 116.9
130 91.6 65.0 120.8



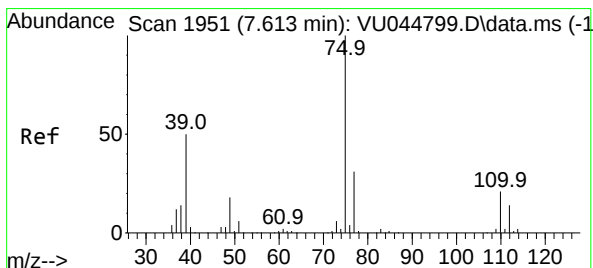
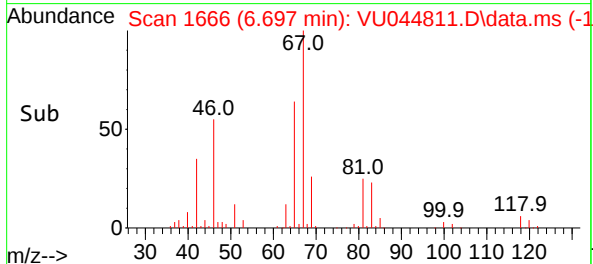
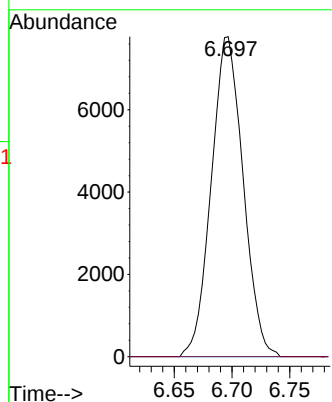
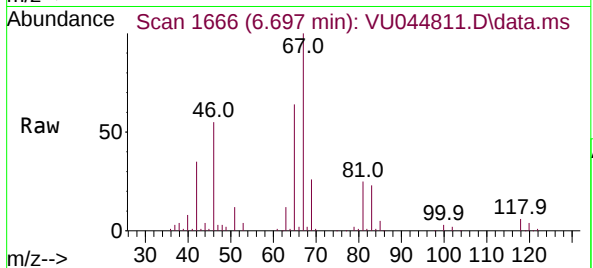


#37

1,2-Dichloropropane
Concen: 5.951 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU044811.D
Acq: 24 Sep 2021 14:47

Instrument :
MSVOA_U
ClientSampled :

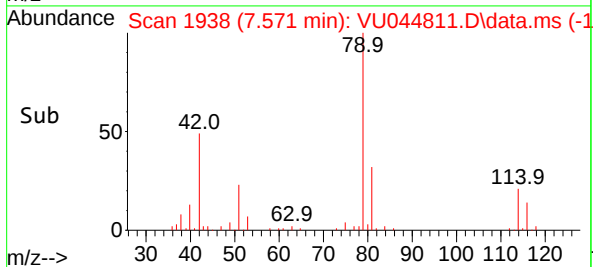
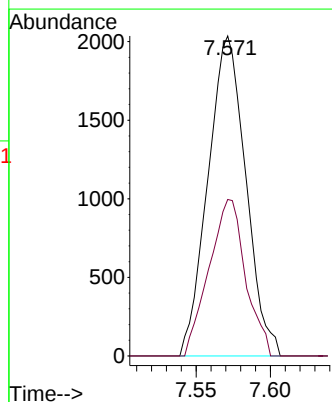
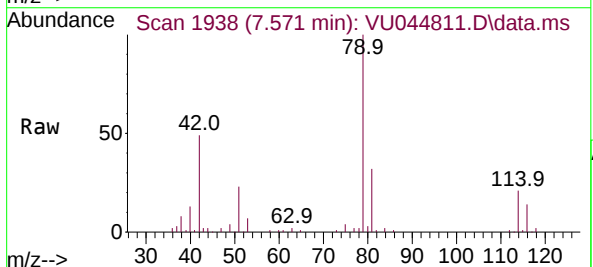
Tgt Ion: 63 Resp: 14909
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

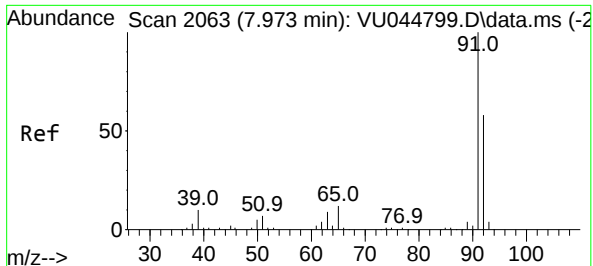


#39

cis-1,3-Dichloropropene
Concen: 1.005 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU044811.D
Acq: 24 Sep 2021 14:47

Tgt Ion: 75 Resp: 3602
Ion Ratio Lower Upper
75 100
77 48.9 22.4 41.6#

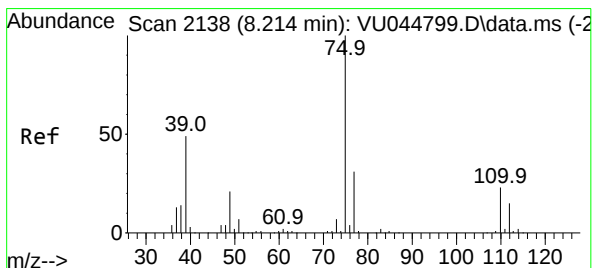
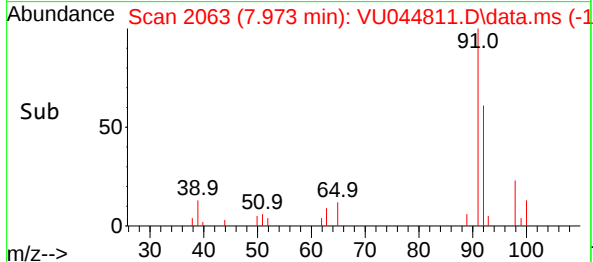
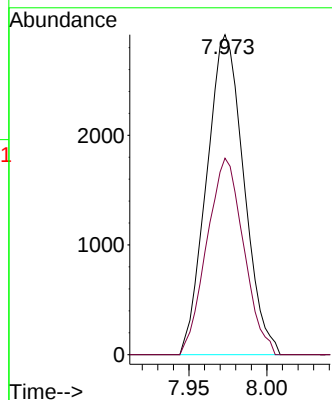
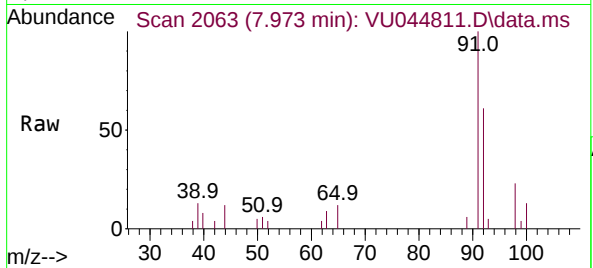




#42
Toluene
Concen: 0.517 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU044811.D
Acq: 24 Sep 2021 14:47

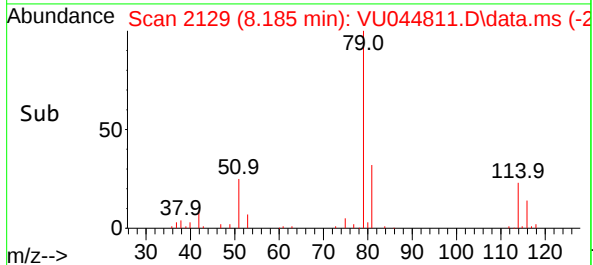
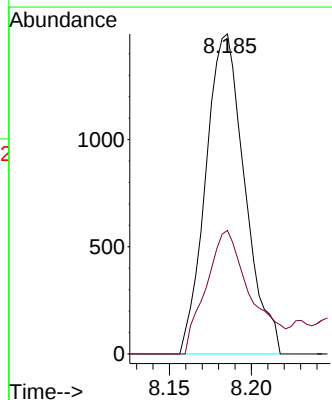
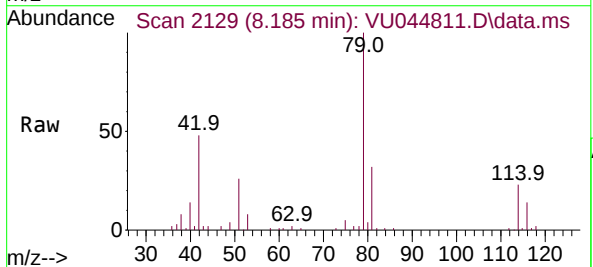
Instrument :
MSVOA_U
ClientSampled :

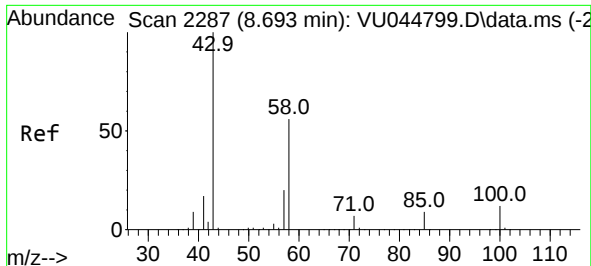
Tgt Ion: 91 Resp: 4834
Ion Ratio Lower Upper
91 100
92 61.4 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.725 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU044811.D
Acq: 24 Sep 2021 14:47

Tgt Ion: 75 Resp: 2470
Ion Ratio Lower Upper
75 100
77 38.6 21.7 40.3

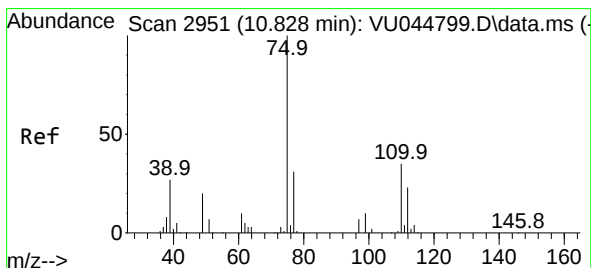
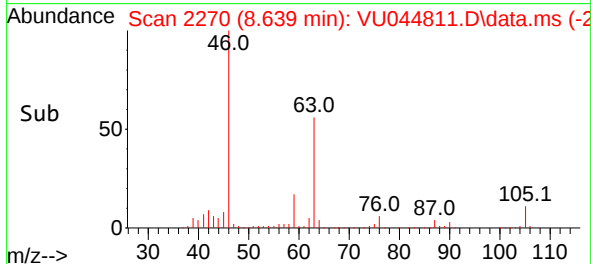
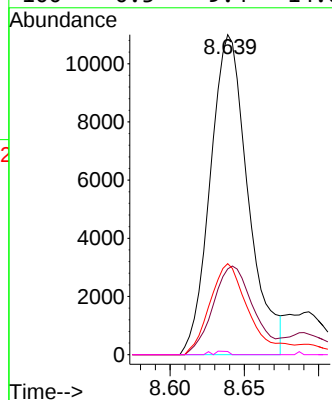
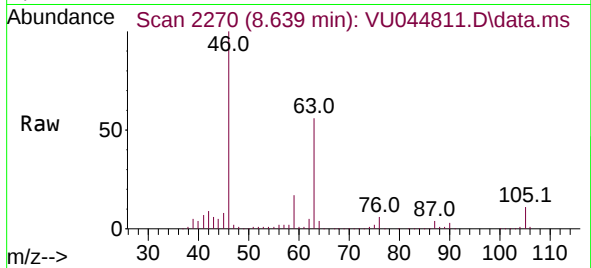




#48
2-Hexanone
Concen: 5.233 ug/L
RT: 8.639 min Scan# 2270
Delta R.T. -0.055 min
Lab File: VU044811.D
Acq: 24 Sep 2021 14:47

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	43	Resp:	19420
Ion	Ratio	Lower	Upper
43	100		
58	29.4	44.9	67.3#
57	28.1	15.5	23.3#
100	0.3	9.4	14.0#



#60
1,2,3-Trichloropropane
Concen: 4.961 ug/L
RT: 11.815 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU044811.D
Acq: 24 Sep 2021 14:47

Tgt Ion:	75	Resp:	14896
Ion	Ratio	Lower	Upper
75	100		
77	35.5	25.5	38.3
110	2.2	29.0	43.4#

