

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092321\
 Data File : VU044791.D
 Acq On : 23 Sep 2021 17:46
 Operator : SY/MD
 Sample : M3873-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 24 05:39:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 24 05:26:38 2021
 Response via : Initial Calibration

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

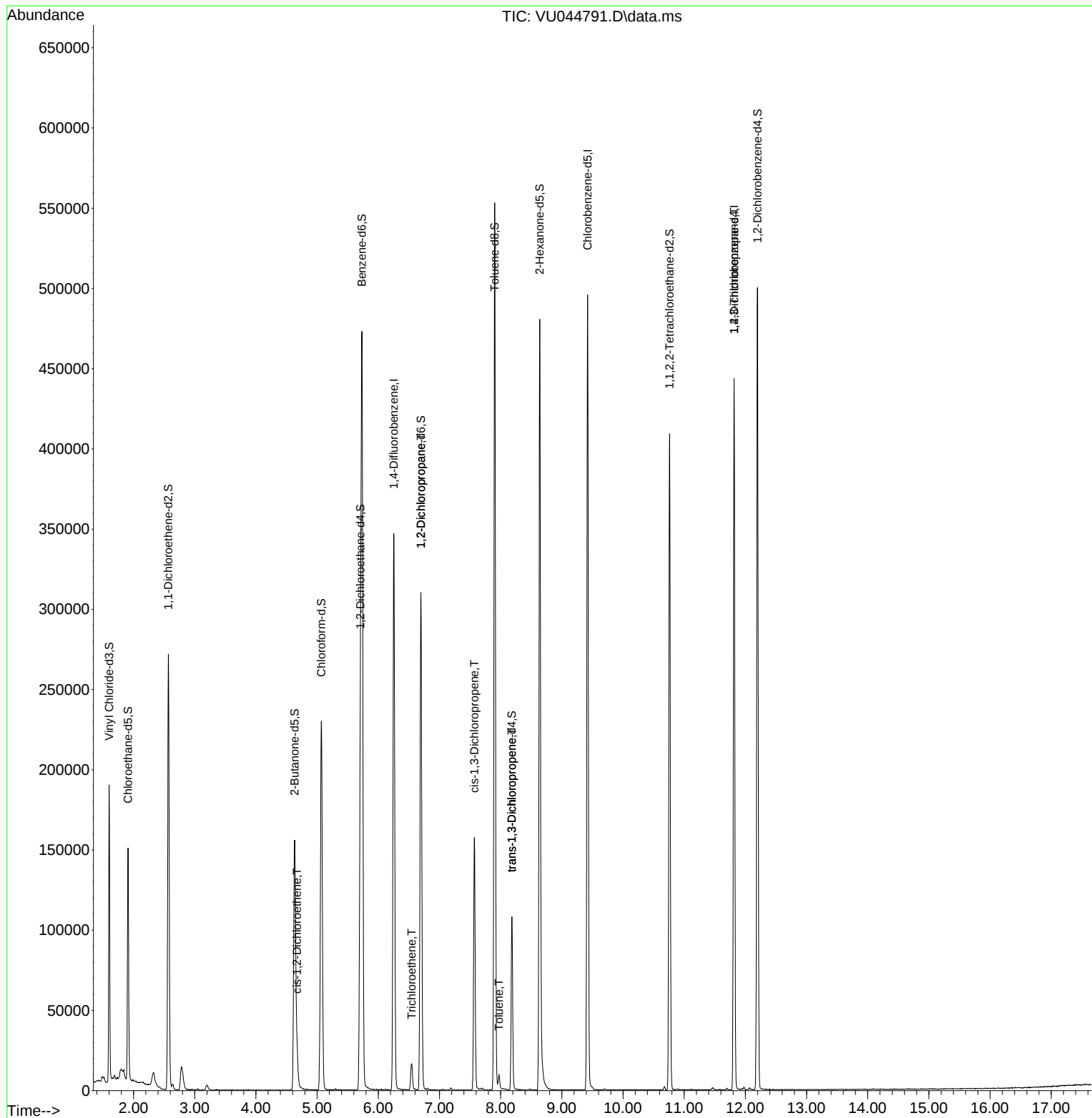
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	262315	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	254661	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	108957	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	128663	44.806	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	89.620%	
7) Chloroethane-d5	1.909	69	106981	47.014	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	94.020%	
11) 1,1-Dichloroethene-d2	2.568	63	164597	34.132	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	68.260%	
21) 2-Butanone-d5	4.633	46	233238	102.739	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	102.740%	
24) Chloroform-d	5.070	84	205714	45.358	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	90.720%	
26) 1,2-Dichloroethane-d4	5.706	65	146884	47.813	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.620%	
32) Benzene-d6	5.732	84	417310	47.225	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.440%	
36) 1,2-Dichloropropane-d6	6.697	67	139861	48.540	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	97.080%	
41) Toluene-d8	7.902	98	344264	45.144	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	90.280%	
43) trans-1,3-Dichloroprop...	8.182	79	58235	45.436	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	90.880%	
47) 2-Hexanone-d5	8.639	63	161645	101.234	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	101.230%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	202542	45.142	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	90.280%	
66) 1,2-Dichlorobenzene-d4	12.198	152	120951	51.008	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	102.020%	
Target Compounds						
					Qvalue	
20) cis-1,2-Dichloroethene	4.671	96	6396	2.713	ug/L	99
34) Trichloroethene	6.546	95	4217	1.859	ug/L	98
37) 1,2-Dichloropropane	6.697	63	15997	6.221	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	3864	1.050	ug/L #	80
42) Toluene	7.973	91	5121	0.534	ug/L	93
44) trans-1,3-Dichloropropene	8.182	75	2538	0.725	ug/L #	69
60) 1,2,3-Trichloropropane	11.816	75	14940	4.958	ug/L #	68

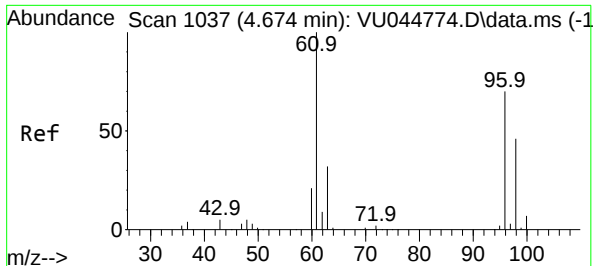
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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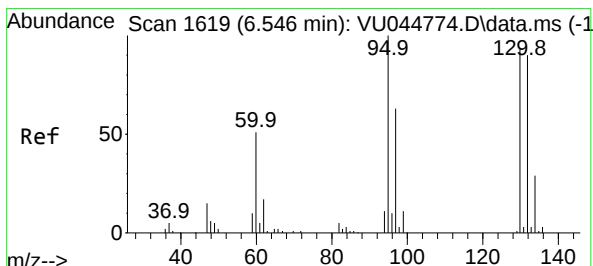
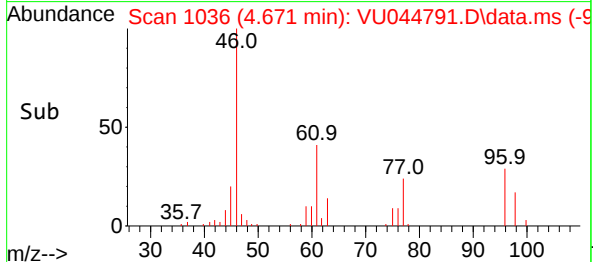
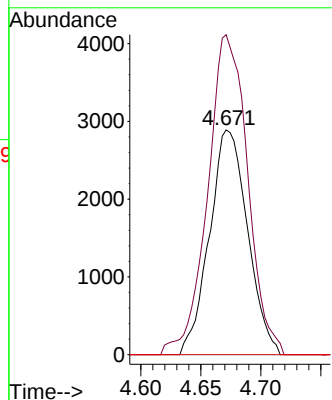
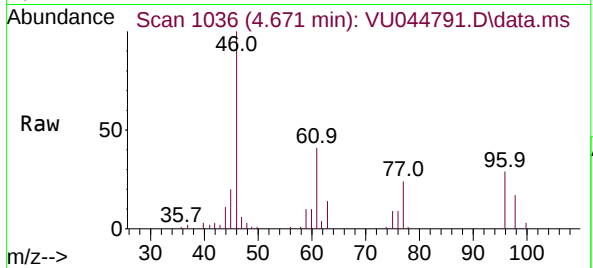




#20
cis-1,2-Dichloroethene
Concen: 2.713 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU044791.D
Acq: 23 Sep 2021 17:46

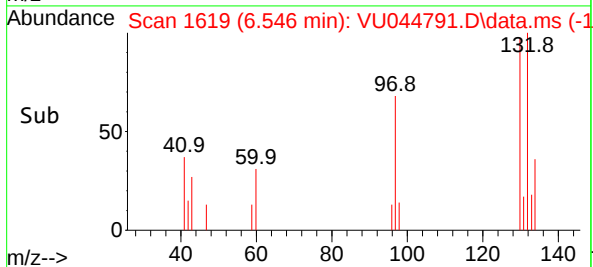
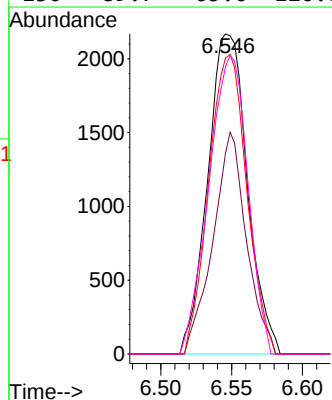
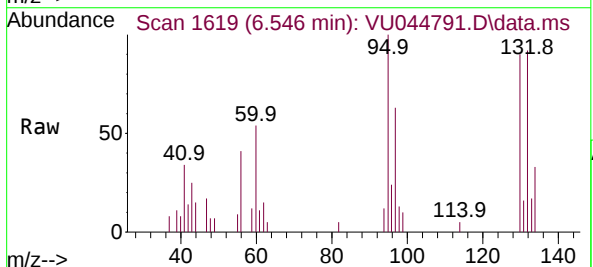
Instrument :
MSVOA_U
ClientSampleId :

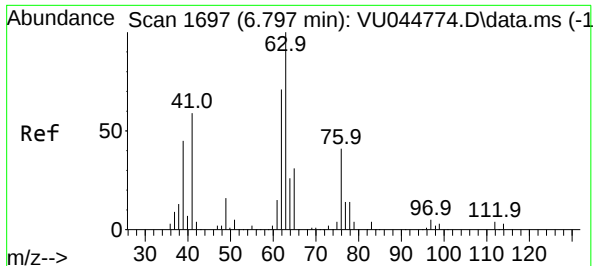
Tgt Ion: 96 Resp: 6396
Ion Ratio Lower Upper
96 100
61 142.3 100.2 186.0
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 1.859 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU044791.D
Acq: 23 Sep 2021 17:46

Tgt Ion: 95 Resp: 4217
Ion Ratio Lower Upper
95 100
97 62.7 44.4 82.4
132 92.4 62.9 116.9
130 89.7 65.0 120.8



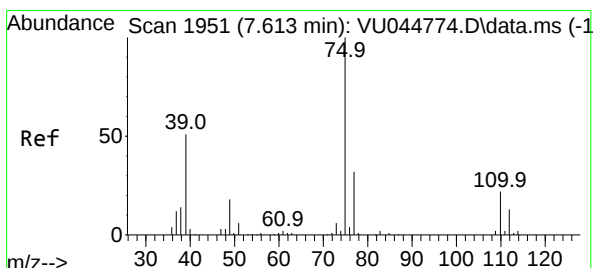
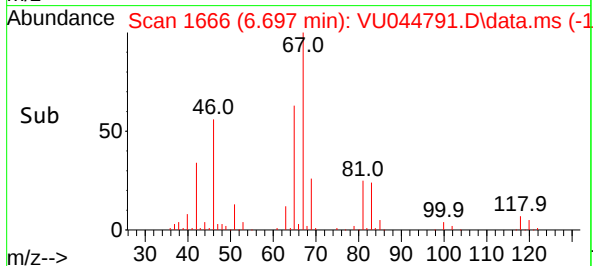
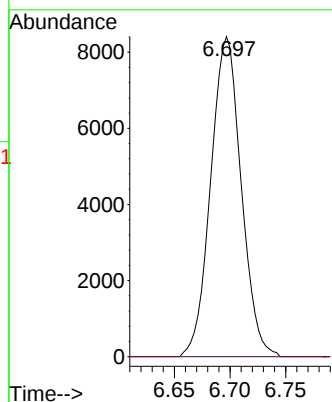
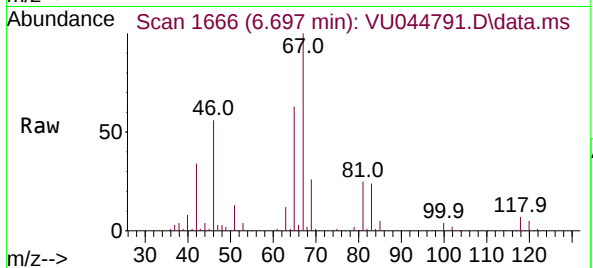


#37

1,2-Dichloropropane
Concen: 6.221 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU044791.D
Acq: 23 Sep 2021 17:46

Instrument :
MSVOA_U
ClientSampled :

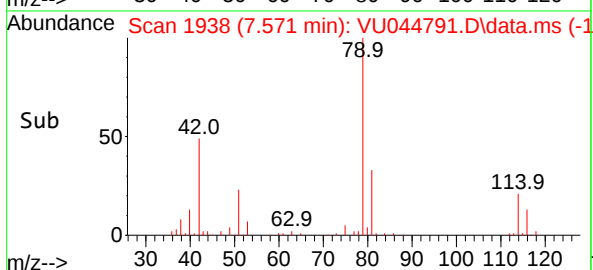
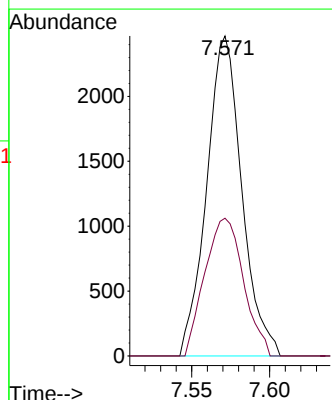
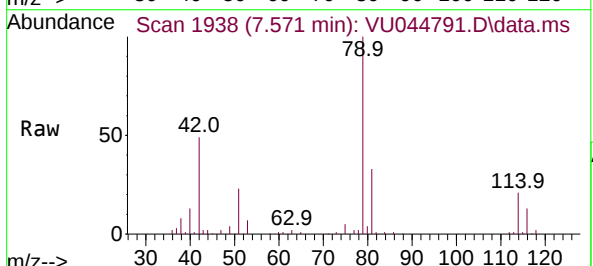
Tgt Ion: 63 Resp: 15997
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

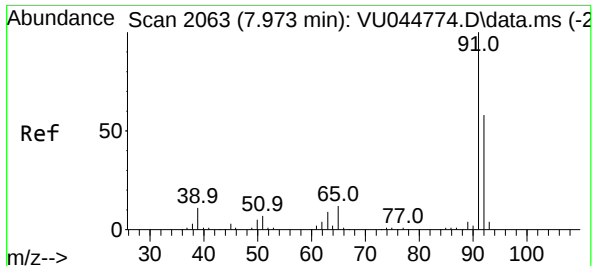


#39

cis-1,3-Dichloropropene
Concen: 1.050 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU044791.D
Acq: 23 Sep 2021 17:46

Tgt Ion: 75 Resp: 3864
Ion Ratio Lower Upper
75 100
77 43.1 22.4 41.6#

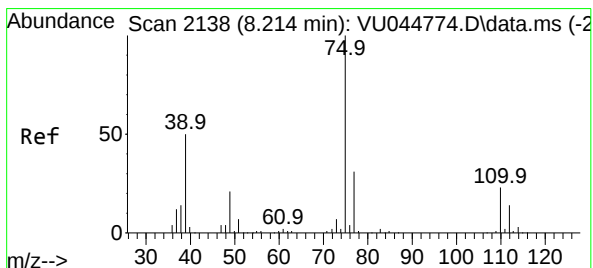
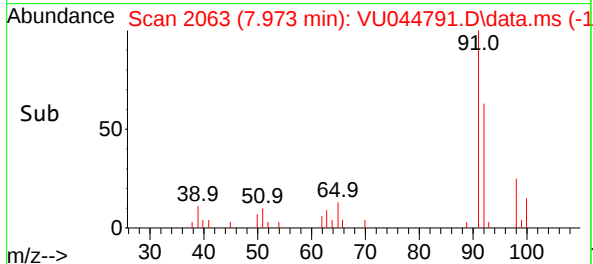
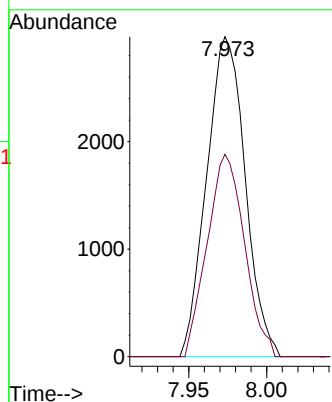
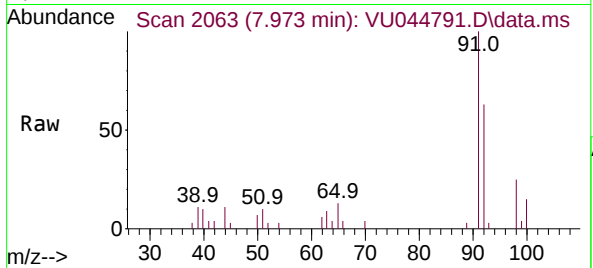




#42
Toluene
Concen: 0.534 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU044791.D
Acq: 23 Sep 2021 17:46

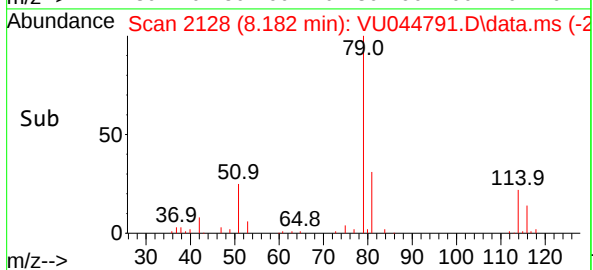
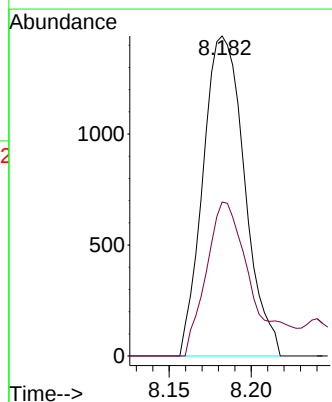
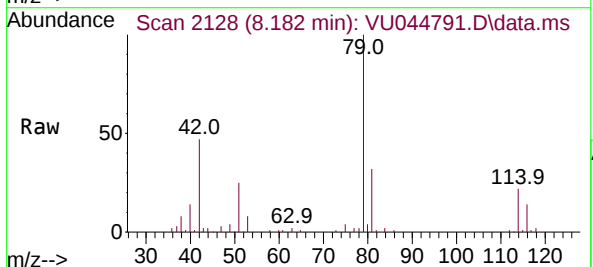
Instrument :
MSVOA_U
ClientSampled :

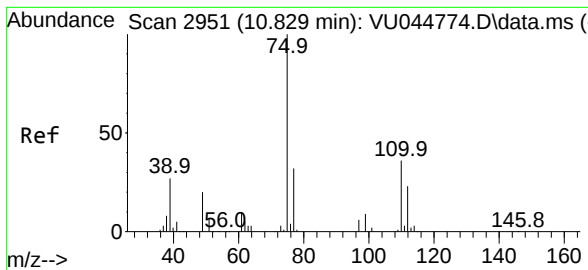
Tgt Ion: 91 Resp: 5121
Ion Ratio Lower Upper
91 100
92 63.2 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.725 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU044791.D
Acq: 23 Sep 2021 17:46

Tgt Ion: 75 Resp: 2538
Ion Ratio Lower Upper
75 100
77 48.1 21.7 40.3#





#60
 1,2,3-Trichloropropane
 Concen: 4.958 ug/L
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.987 min
 Lab File: VU044791.D
 Acq: 23 Sep 2021 17:46

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:	75	Resp:	14940
Ion Ratio	Lower	Upper	
75	100		
77	33.0	25.5	38.3
110	2.1	29.0	43.4#

