

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092421\
 Data File : VU044816.D
 Acq On : 24 Sep 2021 17:20
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 25 02:40:13 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)

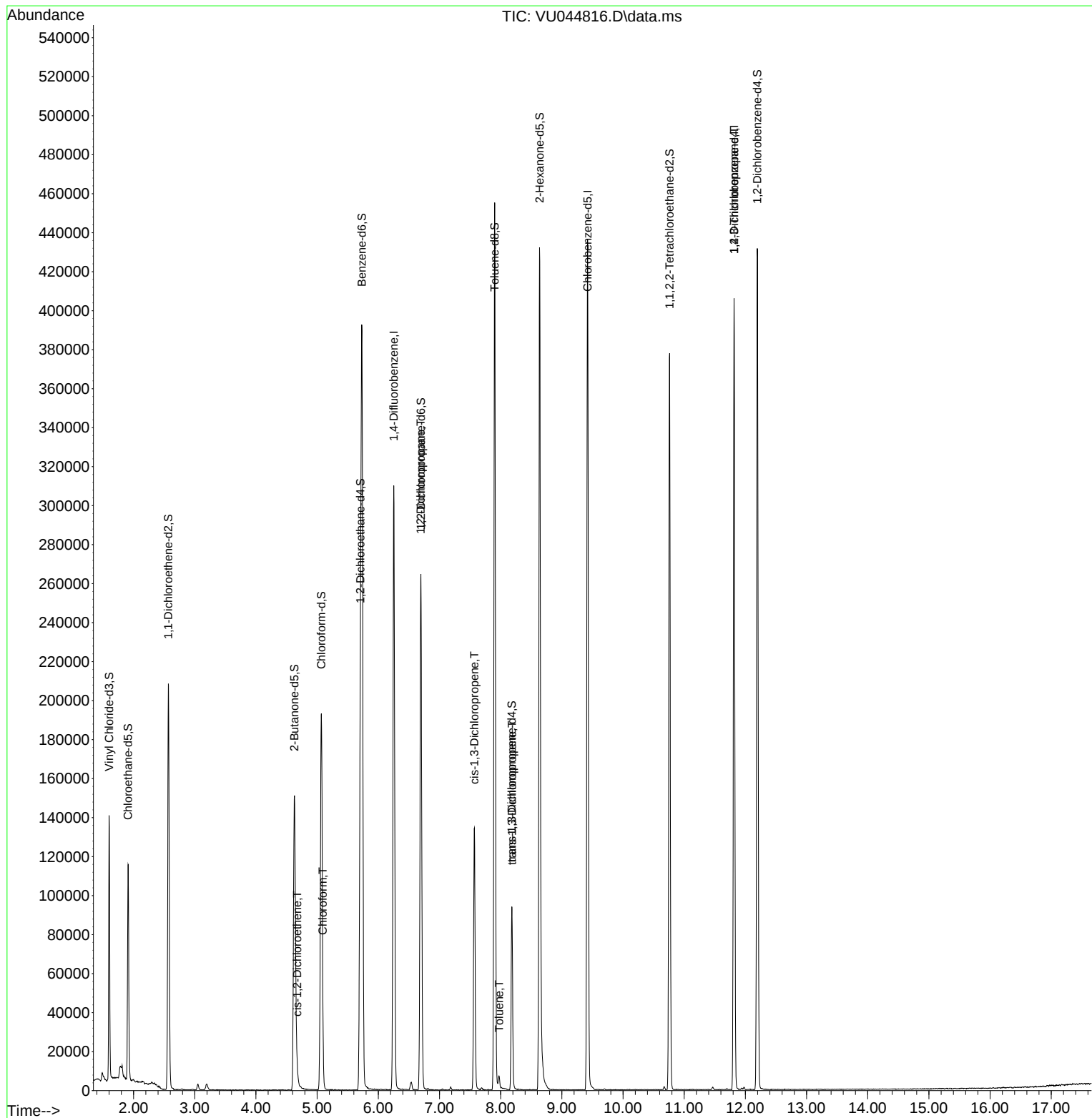
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	233043	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	227730	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	100433	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	94074	36.875	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.760%
7) Chloroethane-d5	1.909	69	82167	40.644	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.280%
11) 1,1-Dichloroethene-d2	2.568	63	124075	28.961	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.920%#
21) 2-Butanone-d5	4.629	46	221729	109.938	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.940%
24) Chloroform-d	5.070	84	174383	43.279	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.560%
26) 1,2-Dichloroethane-d4	5.707	65	129124	47.311	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.620%
32) Benzene-d6	5.732	84	345933	43.777	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.560%
36) 1,2-Dichloropropane-d6	6.697	67	119194	46.260	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.520%
41) Toluene-d8	7.903	98	284437	41.710	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.420%
43) trans-1,3-Dichloroprop...	8.182	79	49200	42.926	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.860%
47) 2-Hexanone-d5	8.636	63	149649	104.804	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.800%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	186000	46.358	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.720%
66) 1,2-Dichlorobenzene-d4	12.195	152	105753	48.384	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.760%
Target Compounds						
					Qvalue	
20) cis-1,2-Dichloroethene	4.674	96	2183	1.042	ug/L	99
25) Chloroform	5.092	83	4338	1.103	ug/L	89
37) 1,2-Dichloropropane	6.694	63	13010	5.657	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3264	0.992	ug/L #	75
42) Toluene	7.977	91	4490	0.523	ug/L	100
44) trans-1,3-Dichloropropene	8.186	75	2292	0.733	ug/L #	80
60) 1,2,3-Trichloropropane	11.816	75	13794	4.966	ug/L #	68

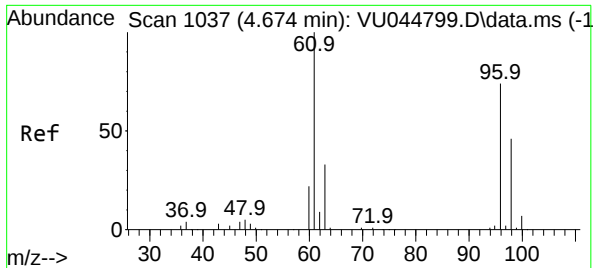
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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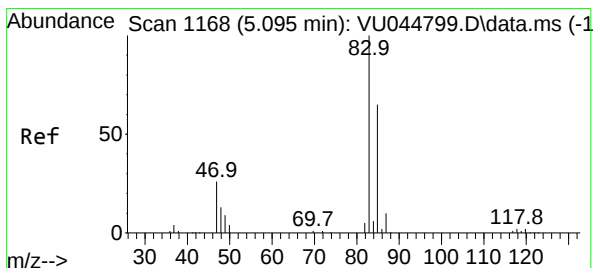
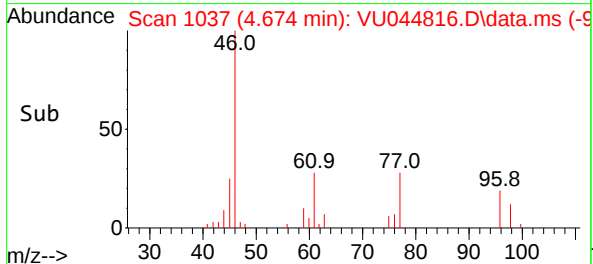
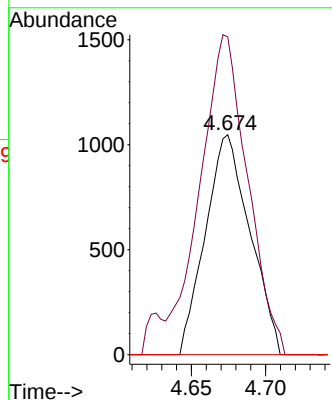
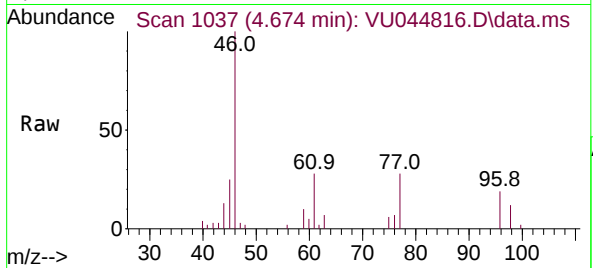




#20
cis-1,2-Dichloroethene
Concen: 1.042 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU044816.D
Acq: 24 Sep 2021 17:20

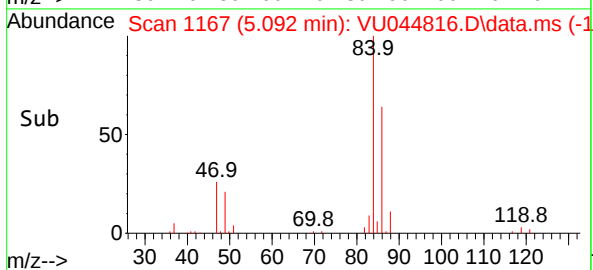
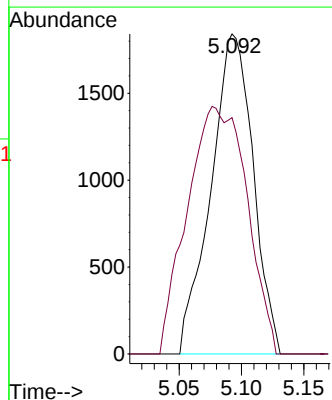
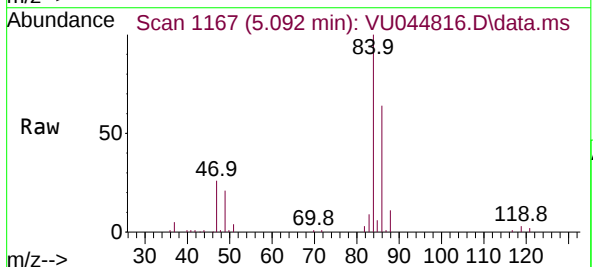
Instrument :
MSVOA_U
ClientSampled :

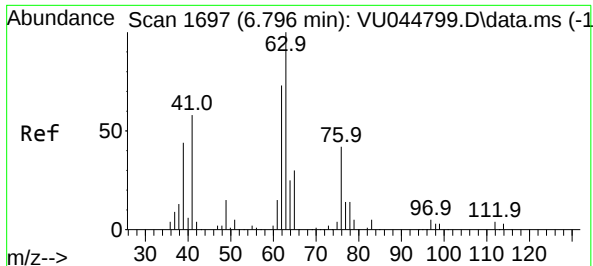
Tgt Ion: 96 Resp: 2183
Ion Ratio Lower Upper
96 100
61 144.4 100.2 186.0
68 0.0 0.0 0.0



#25
Chloroform
Concen: 1.103 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.003 min
Lab File: VU044816.D
Acq: 24 Sep 2021 17:20

Tgt Ion: 83 Resp: 4338
Ion Ratio Lower Upper
83 100
85 73.9 45.6 84.6



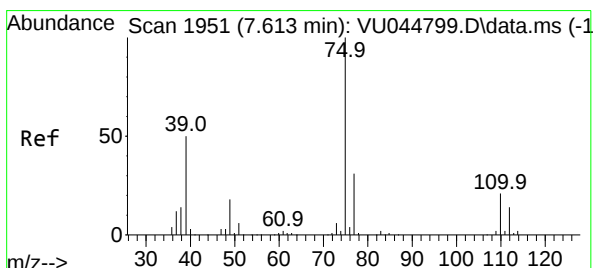
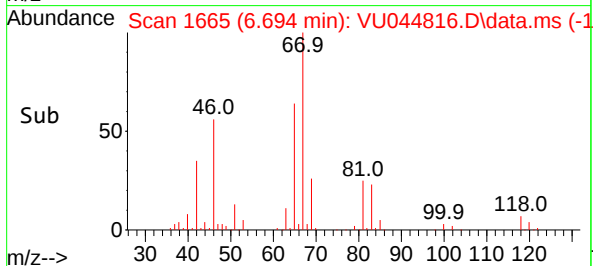
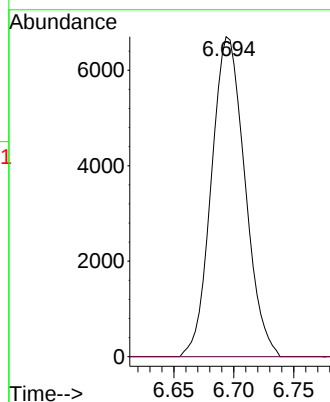
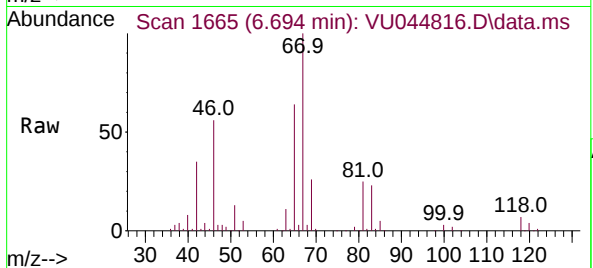


#37

1,2-Dichloropropane
Concen: 5.657 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU044816.D
Acq: 24 Sep 2021 17:20

Instrument :
MSVOA_U
ClientSampled :

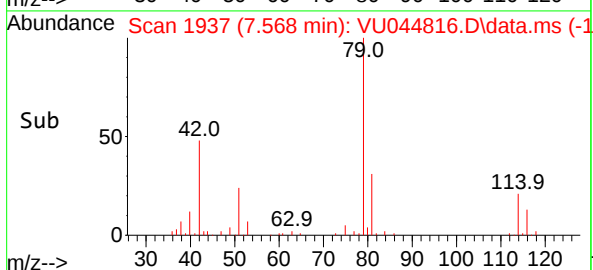
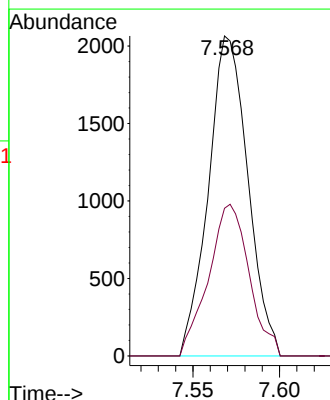
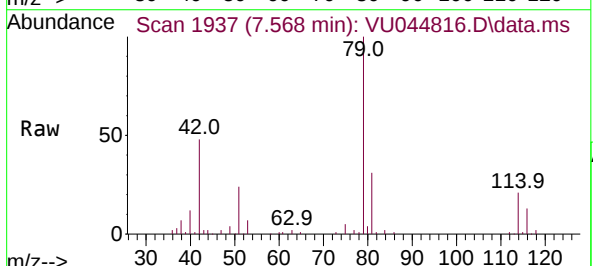
Tgt Ion: 63 Resp: 13010
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

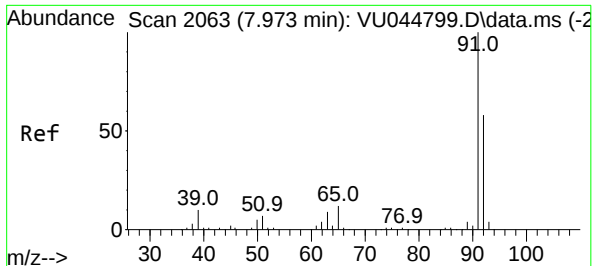


#39

cis-1,3-Dichloropropene
Concen: 0.992 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.045 min
Lab File: VU044816.D
Acq: 24 Sep 2021 17:20

Tgt Ion: 75 Resp: 3264
Ion Ratio Lower Upper
75 100
77 46.2 22.4 41.6#

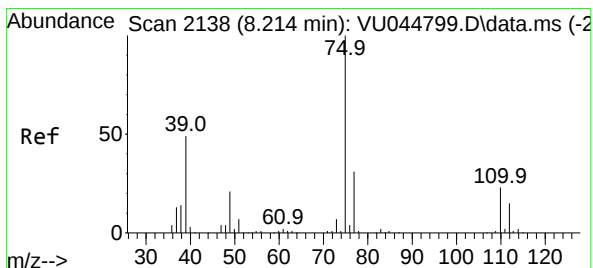
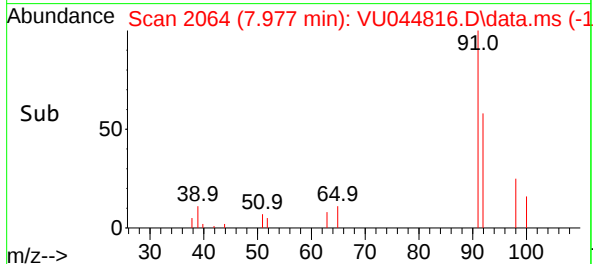
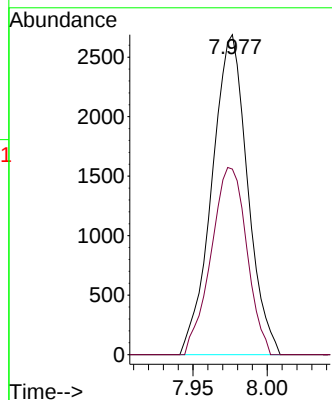
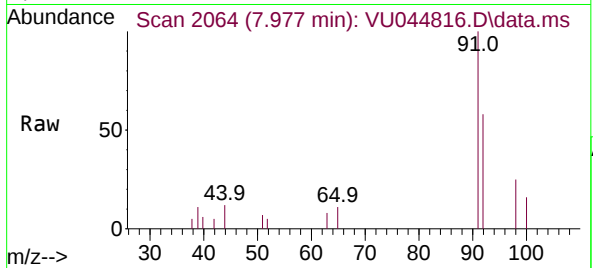




#42
Toluene
Concen: 0.523 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.003 min
Lab File: VU044816.D
Acq: 24 Sep 2021 17:20

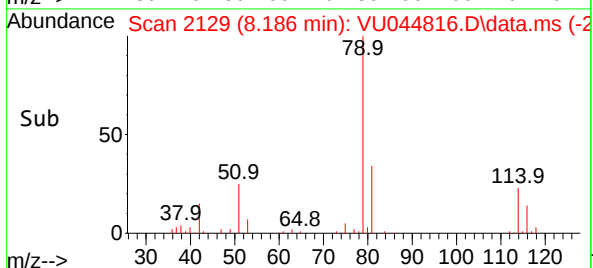
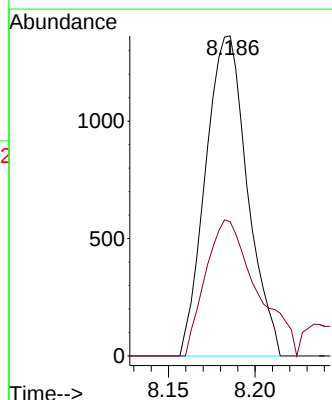
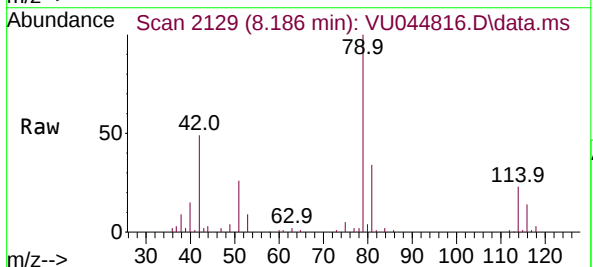
Instrument :
MSVOA_U
ClientSampled :

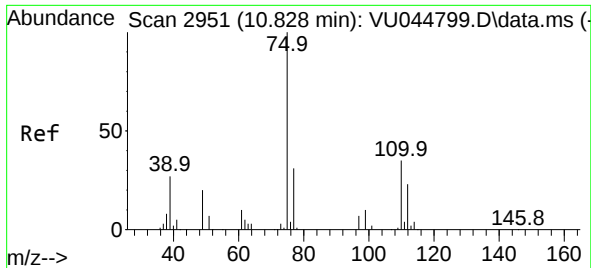
Tgt Ion: 91 Resp: 4490
Ion Ratio Lower Upper
91 100
92 58.0 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.733 ug/L
RT: 8.186 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU044816.D
Acq: 24 Sep 2021 17:20

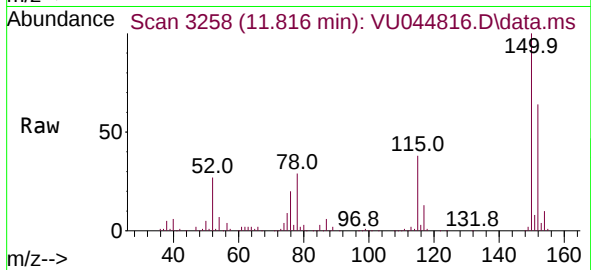
Tgt Ion: 75 Resp: 2292
Ion Ratio Lower Upper
75 100
77 42.0 21.7 40.3#





#60
 1,2,3-Trichloropropane
 Concen: 4.966 ug/L
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.987 min
 Lab File: VU044816.D
 Acq: 24 Sep 2021 17:20

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	13794
Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.5	38.3
110	1.1	29.0	43.4#

