

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092321\
 Data File : VU044790.D
 Acq On : 23 Sep 2021 17:23
 Operator : SY/MD
 Sample : M3873-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 24 05:38:58 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)

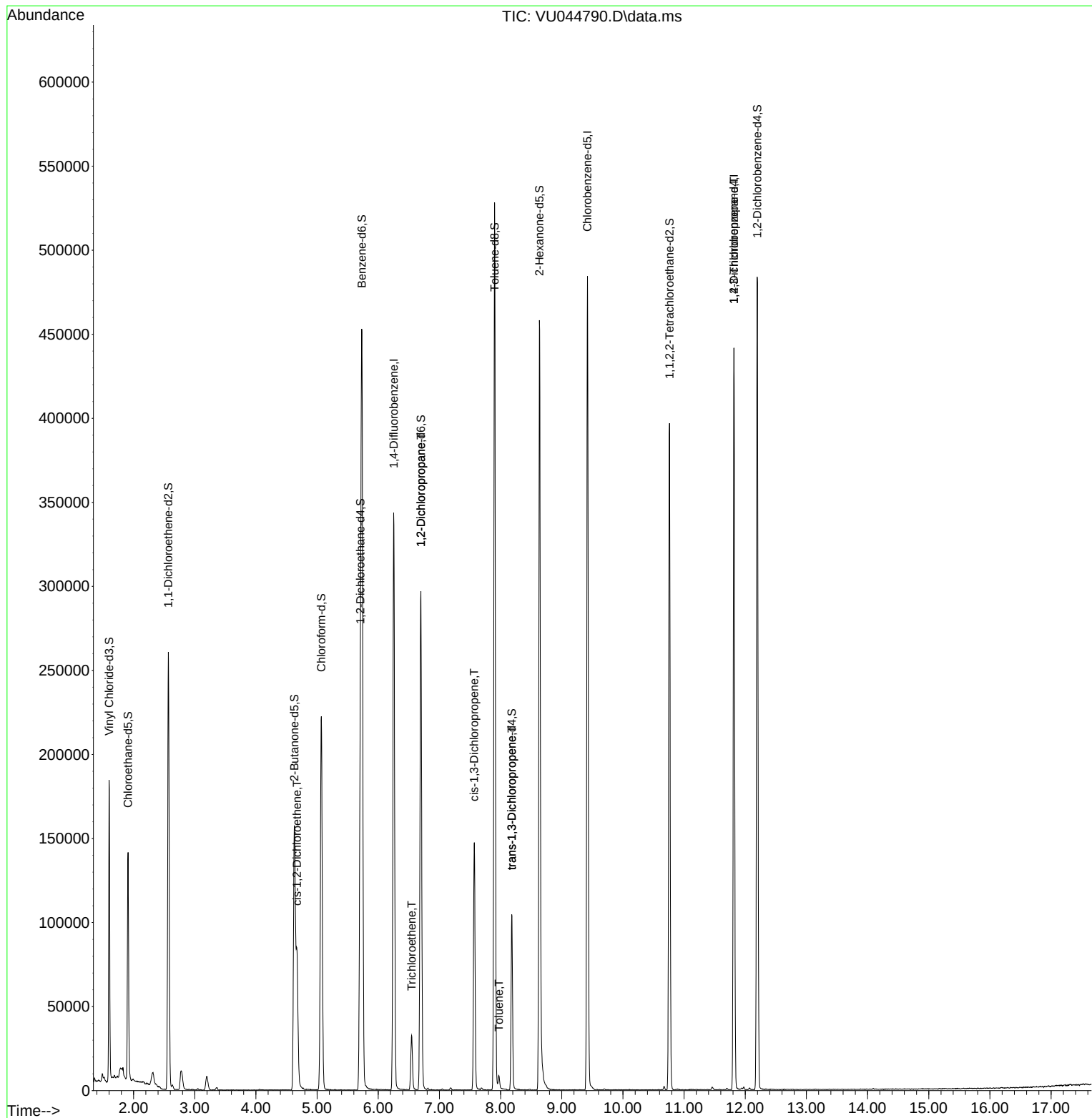
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	259384	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	250021	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	108295	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	122845	43.263	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.520%
7) Chloroethane-d5	1.909	69	100357	44.601	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.568	63	156682	32.858	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.720%
21) 2-Butanone-d5	4.629	46	226895	101.074	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.070%
24) Chloroform-d	5.070	84	197716	44.087	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.180%
26) 1,2-Dichloroethane-d4	5.706	65	140806	46.352	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.700%
32) Benzene-d6	5.732	84	400821	46.201	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.400%
36) 1,2-Dichloropropane-d6	6.697	67	132781	46.938	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.880%
41) Toluene-d8	7.902	98	327224	43.706	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.420%
43) trans-1,3-Dichloroprop...	8.182	79	54592	43.384	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.760%
47) 2-Hexanone-d5	8.636	63	156515	99.840	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.840%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	196474	44.602	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.200%
66) 1,2-Dichlorobenzene-d4	12.198	152	116564	49.459	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.920%
Target Compounds						
					Qvalue	
20) cis-1,2-Dichloroethene	4.671	96	34831	14.939	ug/L	96
34) Trichloroethene	6.546	95	9813	4.406	ug/L	97
37) 1,2-Dichloropropane	6.697	63	14927	5.912	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3575	0.990	ug/L #	68
42) Toluene	7.973	91	5093	0.541	ug/L	99
44) trans-1,3-Dichloropropene	8.182	75	2532	0.737	ug/L	85
60) 1,2,3-Trichloropropane	11.816	75	14949	4.991	ug/L #	68

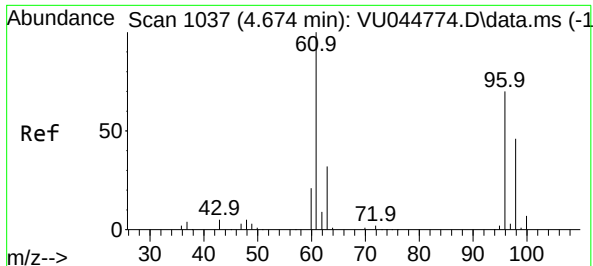
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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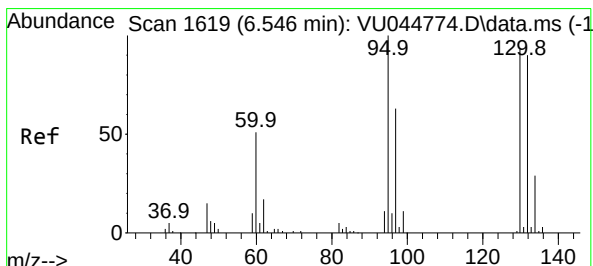
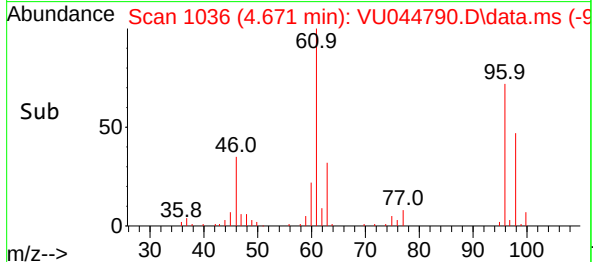
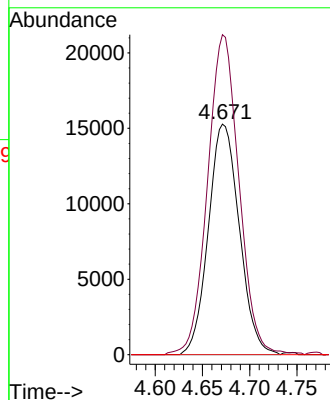
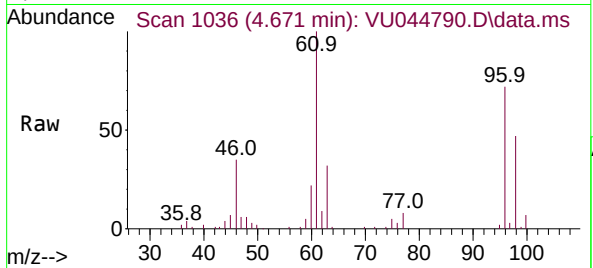




#20
cis-1,2-Dichloroethene
Concen: 14.939 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU044790.D
Acq: 23 Sep 2021 17:23

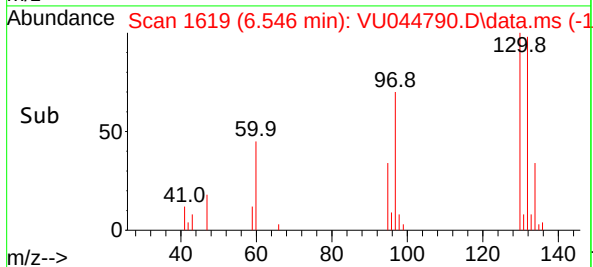
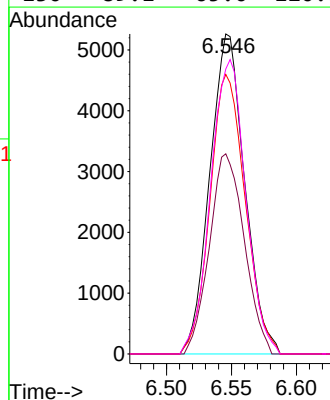
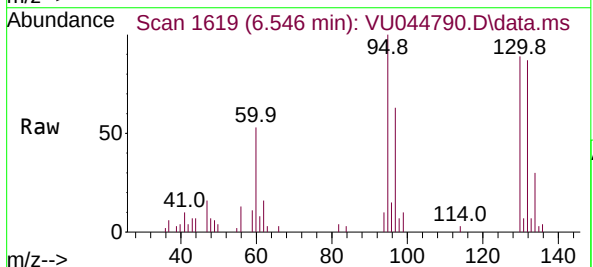
Instrument :
MSVOA_U
ClientSampleId :

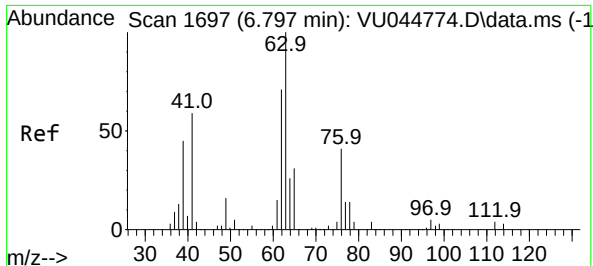
Tgt Ion: 96 Resp: 34831
Ion Ratio Lower Upper
96 100
61 138.8 100.2 186.0
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 4.406 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU044790.D
Acq: 23 Sep 2021 17:23

Tgt Ion: 95 Resp: 9813
Ion Ratio Lower Upper
95 100
97 62.5 44.4 82.4
132 87.4 62.9 116.9
130 89.1 65.0 120.8



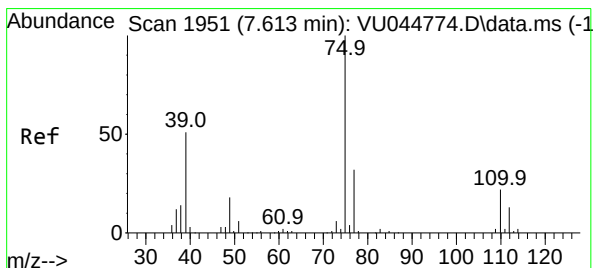
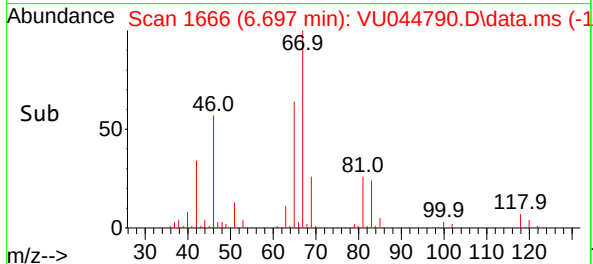
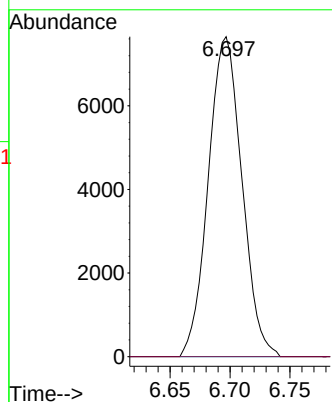
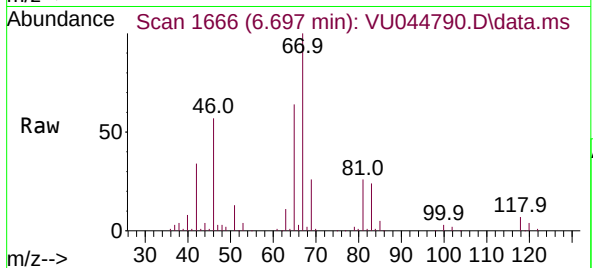


#37

1,2-Dichloropropane
Concen: 5.912 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU044790.D
Acq: 23 Sep 2021 17:23

Instrument :
MSVOA_U
ClientSampled :

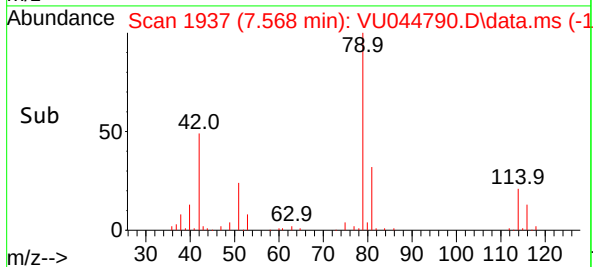
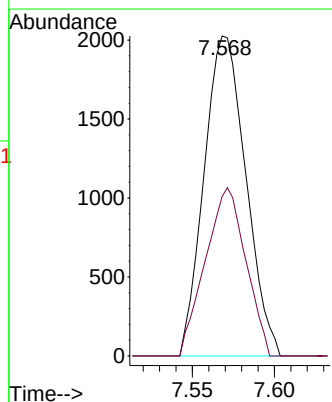
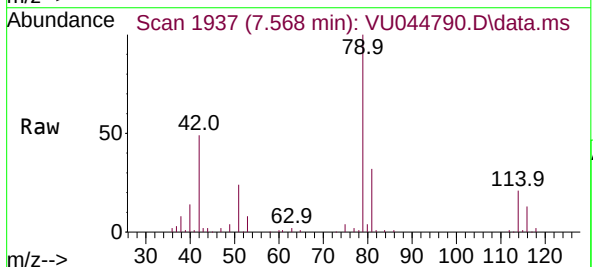
Tgt Ion: 63 Resp: 14927
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

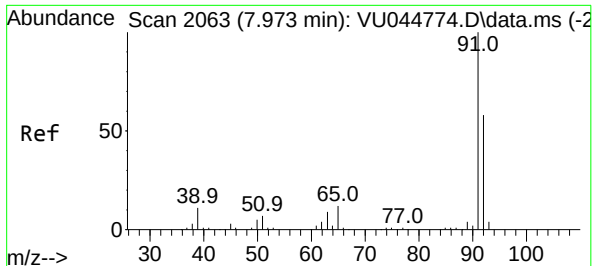


#39

cis-1,3-Dichloropropene
Concen: 0.990 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.045 min
Lab File: VU044790.D
Acq: 23 Sep 2021 17:23

Tgt Ion: 75 Resp: 3575
Ion Ratio Lower Upper
75 100
77 49.8 22.4 41.6#

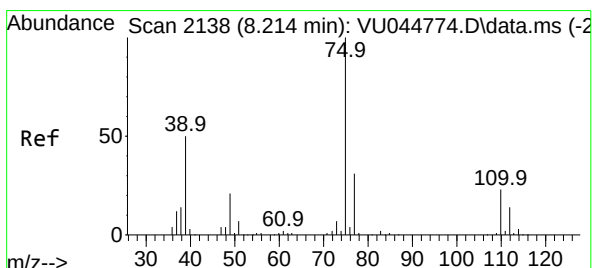
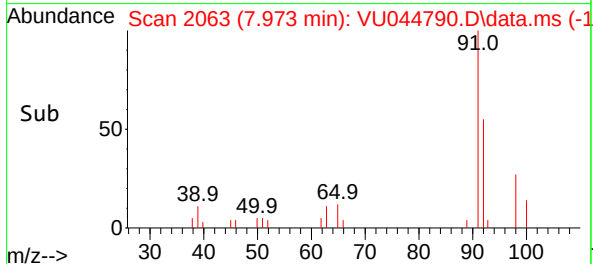
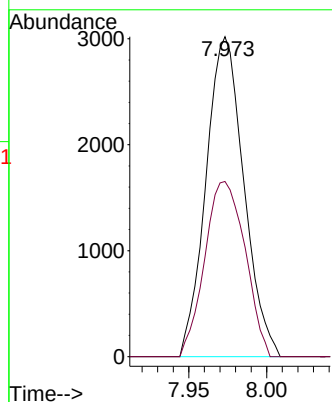
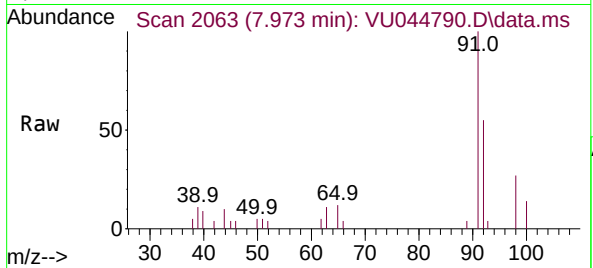




#42
Toluene
Concen: 0.541 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU044790.D
Acq: 23 Sep 2021 17:23

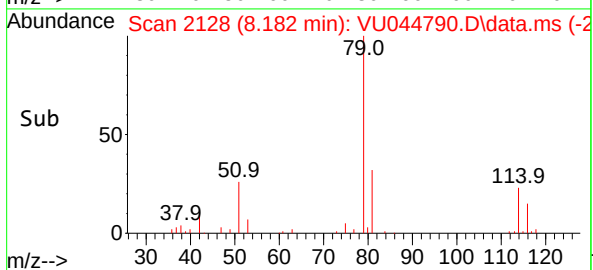
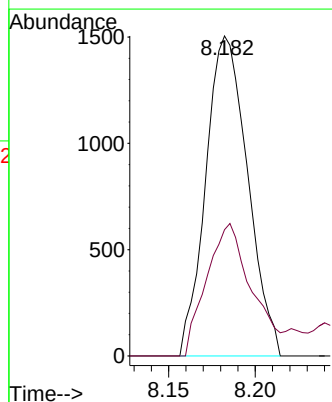
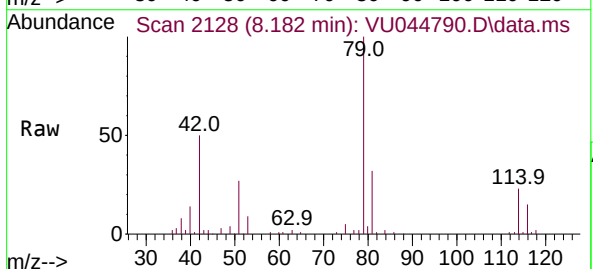
Instrument :
MSVOA_U
ClientSampled :

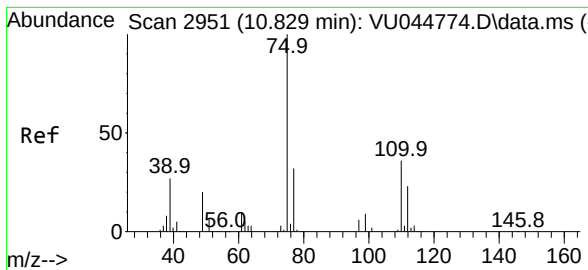
Tgt Ion: 91 Resp: 5093
Ion Ratio Lower Upper
91 100
92 58.9 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.737 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU044790.D
Acq: 23 Sep 2021 17:23

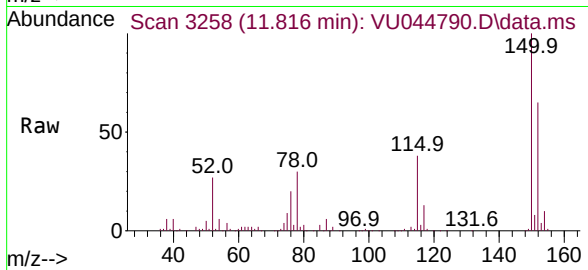
Tgt Ion: 75 Resp: 2532
Ion Ratio Lower Upper
75 100
77 39.5 21.7 40.3





#60
 1,2,3-Trichloropropane
 Concen: 4.991 ug/L
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.987 min
 Lab File: VU044790.D
 Acq: 23 Sep 2021 17:23

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	14949
Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.5	38.3
110	1.5	29.0	43.4#

