

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
 Data File : VU045242.D
 Acq On : 08 Oct 2021 11:31
 Operator : SY/MD
 Sample : M3996-21
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 09 05:30:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 09 05:29:23 2021
 Response via : Initial Calibration

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

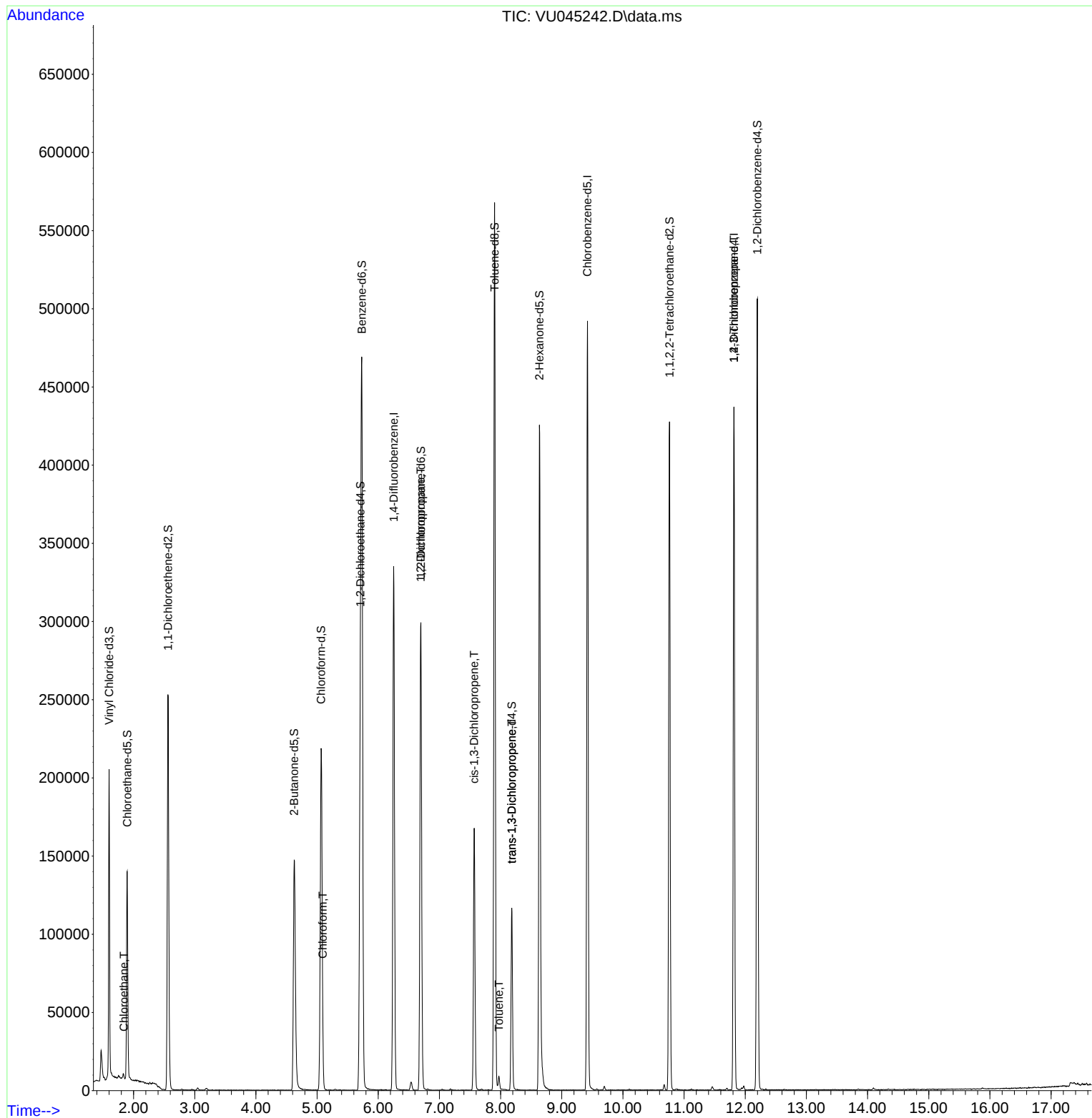
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	256883	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	251290	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	108129	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	125879	44.763	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.520%		
7) Chloroethane-d5	1.896	69	102473	45.985	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.960%		
11) 1,1-Dichloroethene-d2	2.562	63	154527	32.721	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.440%		
21) 2-Butanone-d5	4.626	46	213214	95.905	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.900%		
24) Chloroform-d	5.067	84	198284	44.644	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.280%		
26) 1,2-Dichloroethane-d4	5.706	65	147020	48.869	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.740%		
32) Benzene-d6	5.732	84	415621	47.665	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.320%		
36) 1,2-Dichloropropane-d6	6.697	67	136422	47.982	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.960%		
41) Toluene-d8	7.902	98	355143	47.195	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.400%		
43) trans-1,3-Dichloroprop...	8.182	79	61855	48.908	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.820%		
47) 2-Hexanone-d5	8.636	63	147015	93.306	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.310%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	214831	48.523	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.040%		
66) 1,2-Dichlorobenzene-d4	12.198	152	123299	52.397	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.800%		
Target Compounds						Qvalue
8) Chloroethane	1.842	64	2189	1.161	ug/L #	55
25) Chloroform	5.092	83	3803	0.877	ug/L	85
37) 1,2-Dichloropropane	6.693	63	15202	5.991	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3774	1.039	ug/L #	66
42) Toluene	7.973	91	5755	0.608	ug/L	97
44) trans-1,3-Dichloropropene	8.182	75	2654	0.769	ug/L #	79
60) 1,2,3-Trichloropropane	11.815	75	14623	4.890	ug/L #	69

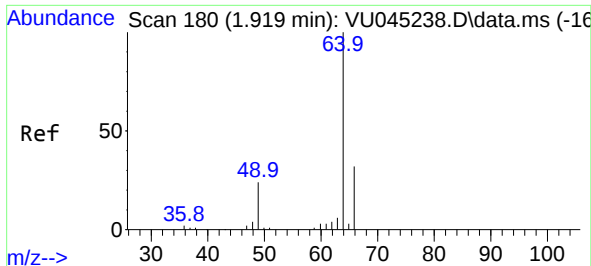
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Oct 09 05:29:23 2021
Response via : Initial Calibration

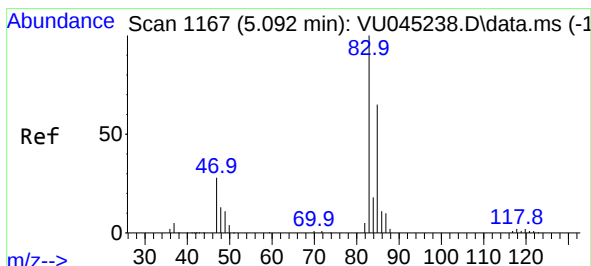
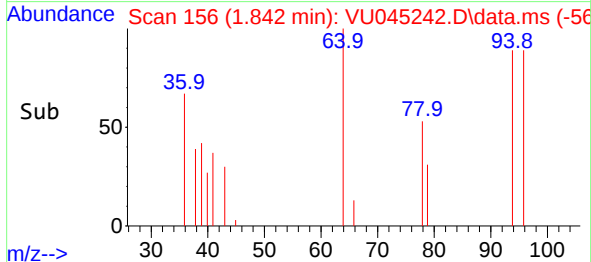
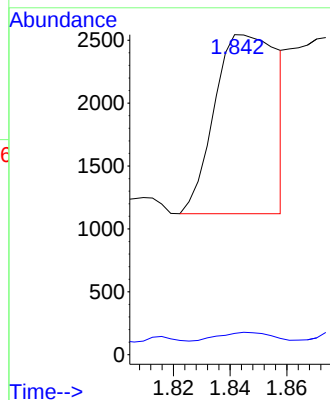
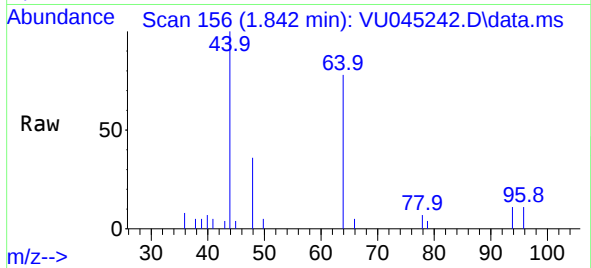




#8
Chloroethane
Concen: 1.161 ug/L
RT: 1.842 min Scan# 156
Delta R.T. -0.077 min
Lab File: VU045242.D
Acq: 08 Oct 2021 11:31

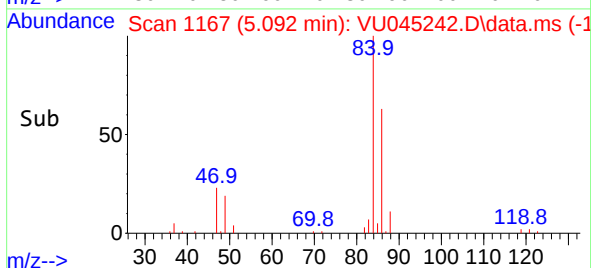
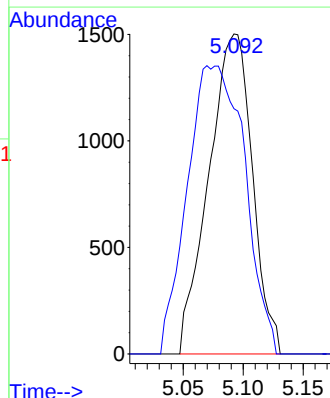
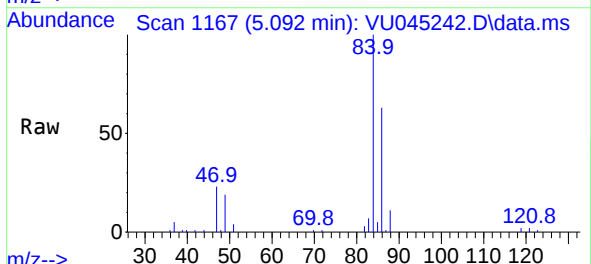
Instrument :
MSVOA_U
ClientSampled :

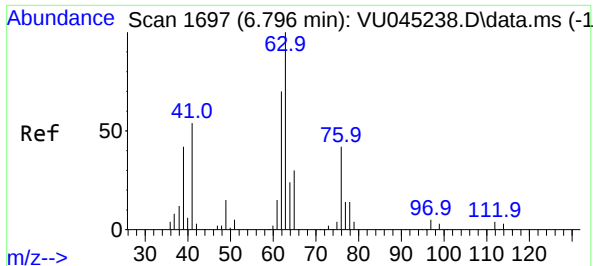
Tgt Ion: 64 Resp: 2189
Ion Ratio Lower Upper
64 100
66 6.6 22.3 41.3#



#25
Chloroform
Concen: 0.877 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VU045242.D
Acq: 08 Oct 2021 11:31

Tgt Ion: 83 Resp: 3803
Ion Ratio Lower Upper
83 100
85 76.6 45.6 84.6

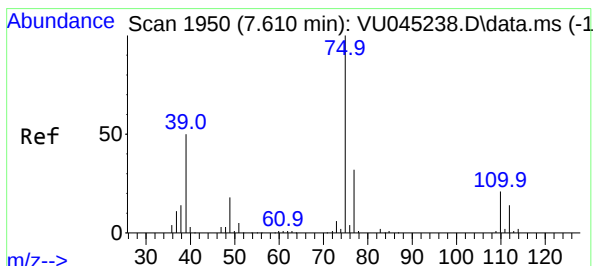
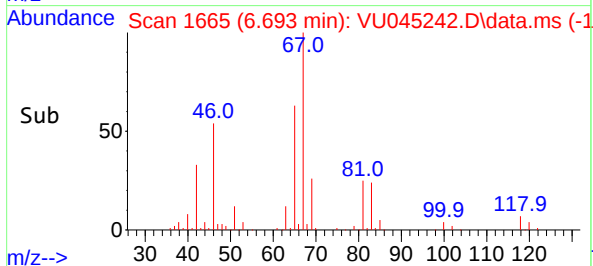
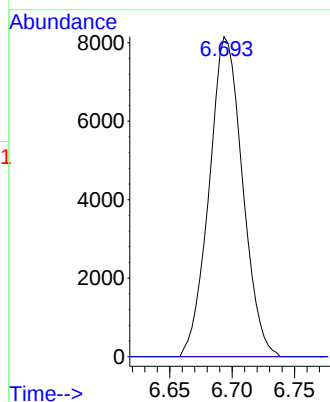
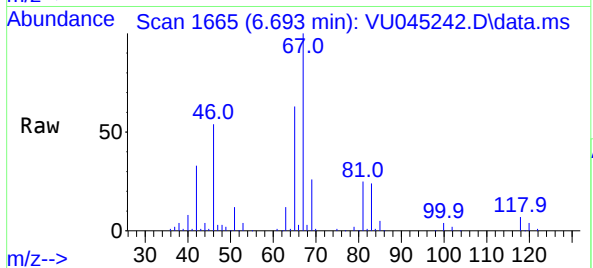




#37
1,2-Dichloropropane
Concen: 5.991 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU045242.D
Acq: 08 Oct 2021 11:31

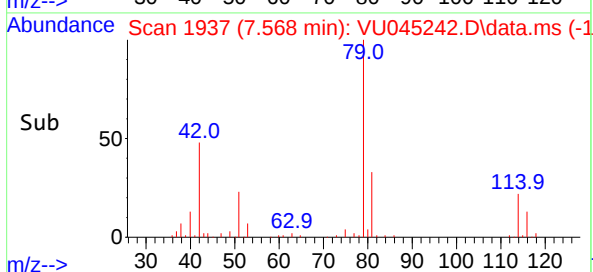
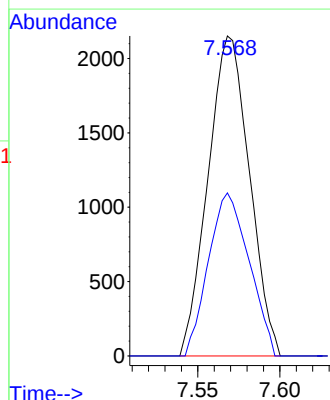
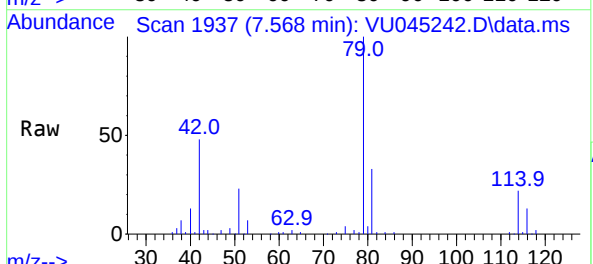
Instrument :
MSVOA_U
ClientSampleId :

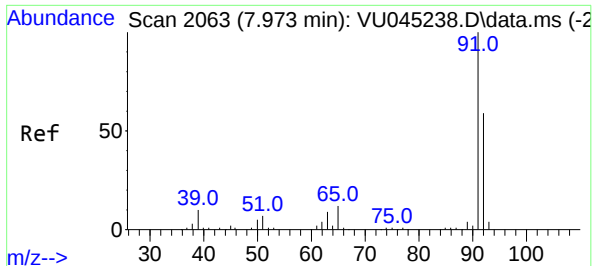
Tgt Ion: 63 Resp: 15202
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#39
cis-1,3-Dichloropropene
Concen: 1.039 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU045242.D
Acq: 08 Oct 2021 11:31

Tgt Ion: 75 Resp: 3774
Ion Ratio Lower Upper
75 100
77 50.9 22.4 41.6#

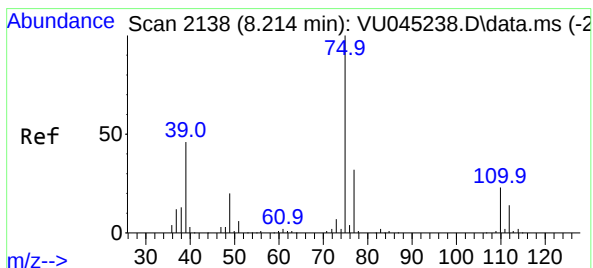
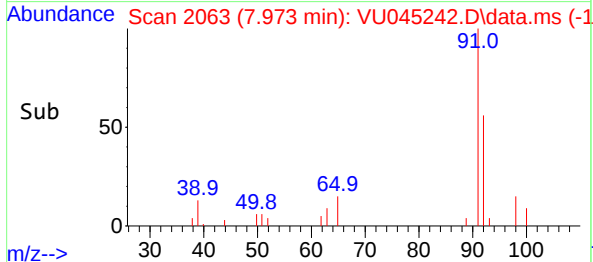
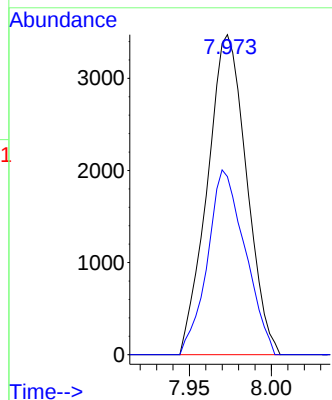
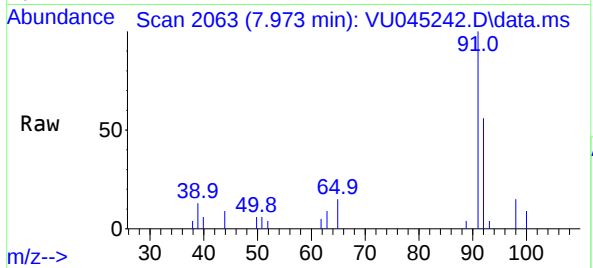




#42
Toluene
Concen: 0.608 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045242.D
Acq: 08 Oct 2021 11:31

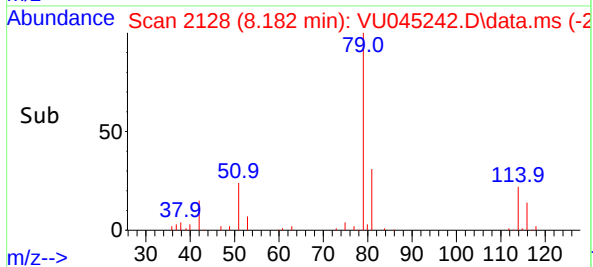
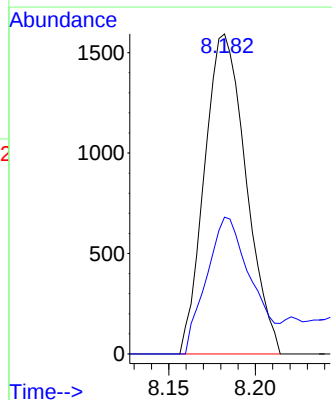
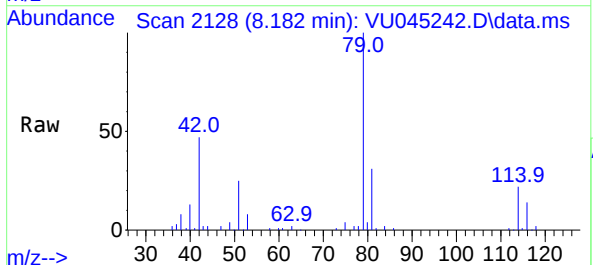
Instrument :
MSVOA_U
ClientSampled :

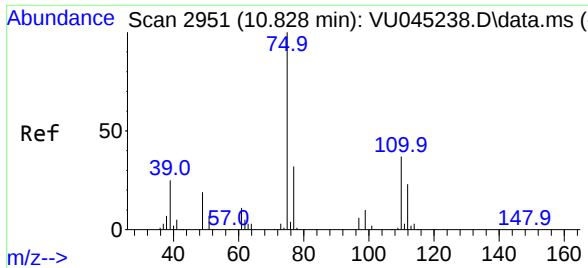
Tgt Ion: 91 Resp: 5755
Ion Ratio Lower Upper
91 100
92 55.7 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.769 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU045242.D
Acq: 08 Oct 2021 11:31

Tgt Ion: 75 Resp: 2654
Ion Ratio Lower Upper
75 100
77 42.7 21.7 40.3#





#60
1,2,3-Trichloropropane
Concen: 4.890 ug/L
RT: 11.815 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU045242.D
Acq: 08 Oct 2021 11:31

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	75	Resp:	14623
Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.5	38.3
110	1.6	29.0	43.4#

