

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
 Data File : VU045250.D
 Acq On : 08 Oct 2021 14:42
 Operator : SY/MD
 Sample : M4024-19
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 09 05:31:45 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)

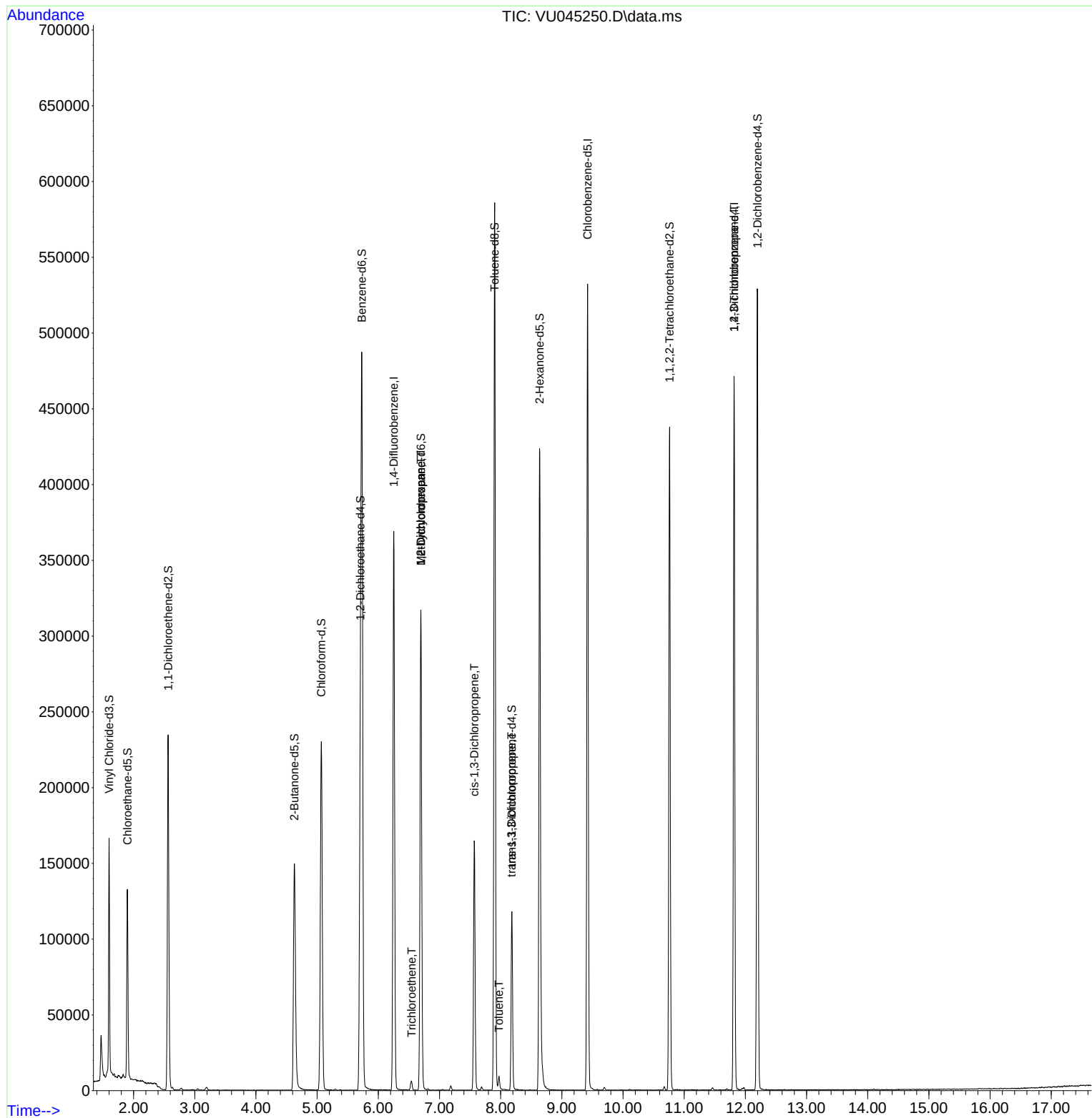
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	280713	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	273046	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	115853	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	99138	32.261	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	64.520%		
7) Chloroethane-d5	1.900	69	95425	39.187	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.380%		
11) 1,1-Dichloroethene-d2	2.565	63	142091	27.534	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	55.060%#		
21) 2-Butanone-d5	4.626	46	216486	89.110	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.110%		
24) Chloroform-d	5.070	84	207242	42.700	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.400%		
26) 1,2-Dichloroethane-d4	5.706	65	150690	45.837	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.680%		
32) Benzene-d6	5.732	84	432631	45.662	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.320%		
36) 1,2-Dichloropropane-d6	6.697	67	142381	46.088	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.180%		
41) Toluene-d8	7.902	98	368941	45.123	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.240%		
43) trans-1,3-Dichloroprop...	8.182	79	62448	45.442	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.880%		
47) 2-Hexanone-d5	8.636	63	146653	85.660	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	85.660%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	219490	45.625	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.260%		
66) 1,2-Dichlorobenzene-d4	12.198	152	128964	51.150	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.300%		
Target Compounds						Qvalue
34) Trichloroethene	6.546	95	1402	0.576	ug/L	94
35) Methylcyclohexane	6.697	83	33203	8.153	ug/L #	17
37) 1,2-Dichloropropane	6.697	63	16477	5.976	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3697	0.937	ug/L #	58
42) Toluene	7.973	91	5801	0.564	ug/L	90
44) trans-1,3-Dichloropropene	8.179	75	2587	0.690	ug/L	92
60) 1,2,3-Trichloropropane	11.816	75	15536	4.849	ug/L #	68

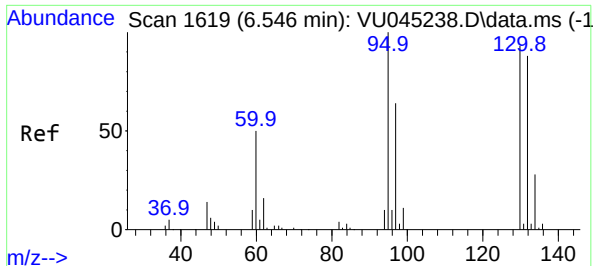
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 09 05:29:23 2021
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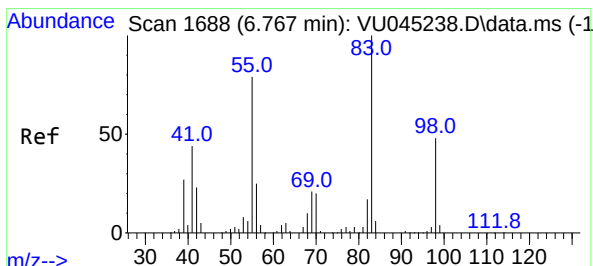
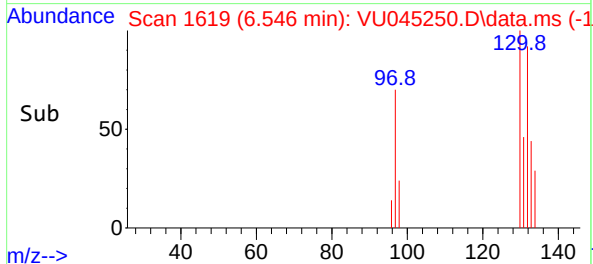
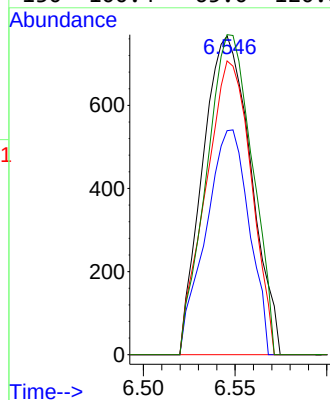
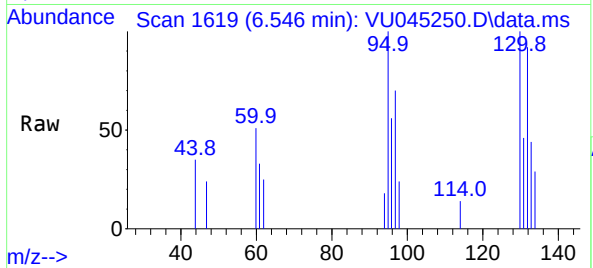




#34
Trichloroethene
Concen: 0.576 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045250.D
Acq: 08 Oct 2021 14:42

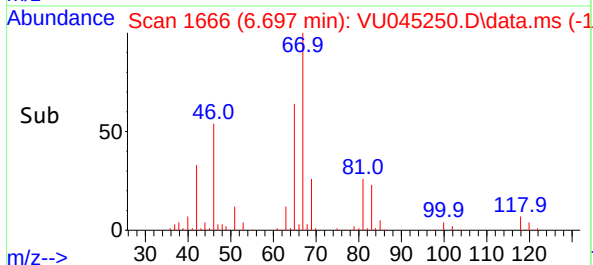
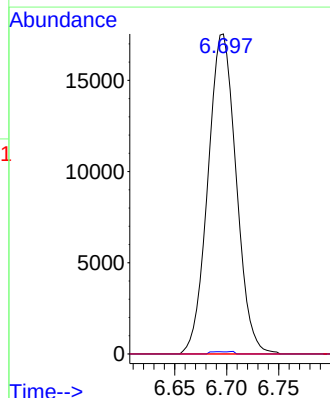
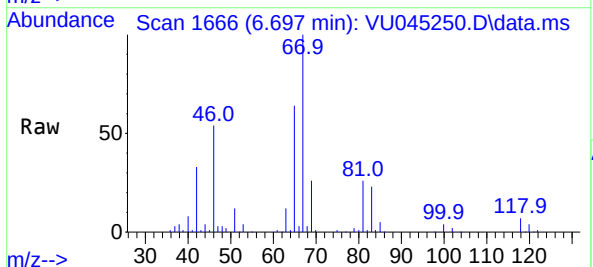
Instrument :
MSVOA_U
ClientSampled :

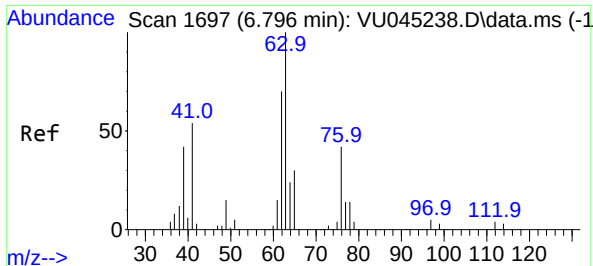
Tgt Ion: 95 Resp: 1402
Ion Ratio Lower Upper
95 100
97 70.3 44.4 82.4
132 92.2 62.9 116.9
130 100.4 65.0 120.8



#35
Methylcyclohexane
Concen: 8.153 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.071 min
Lab File: VU045250.D
Acq: 08 Oct 2021 14:42

Tgt Ion: 83 Resp: 33203
Ion Ratio Lower Upper
83 100
55 0.2 65.8 98.6#
98 0.8 37.1 55.7#

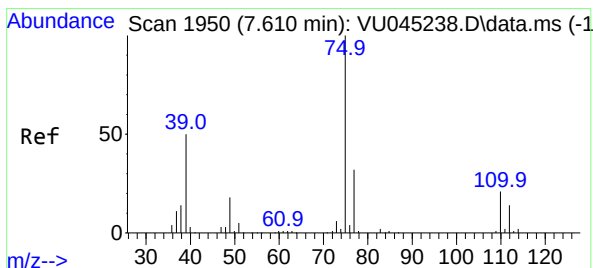
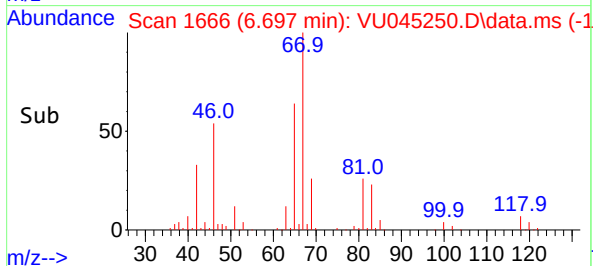
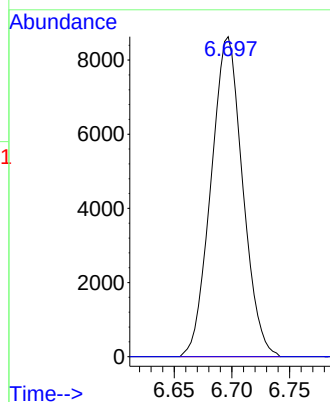
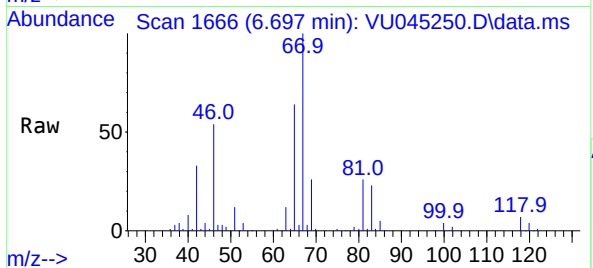




#37
1,2-Dichloropropane
Concen: 5.976 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU045250.D
Acq: 08 Oct 2021 14:42

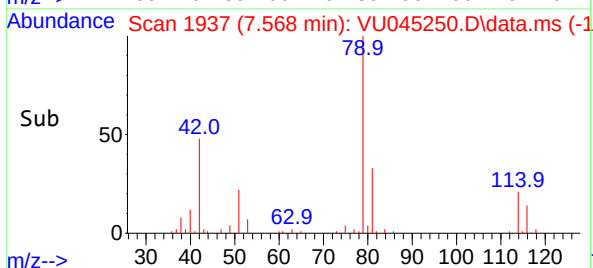
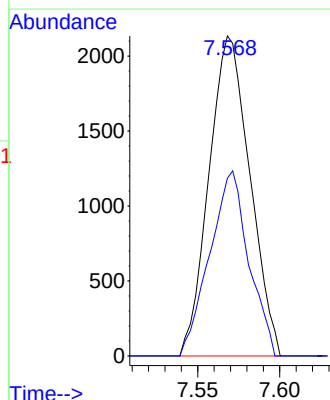
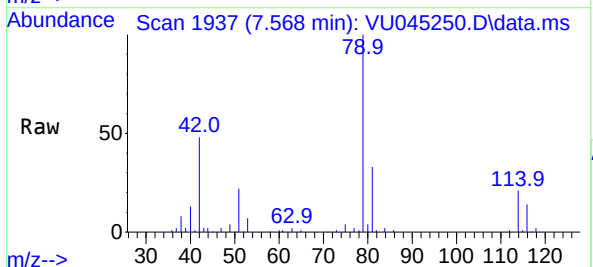
Instrument :
MSVOA_U
ClientSampled :

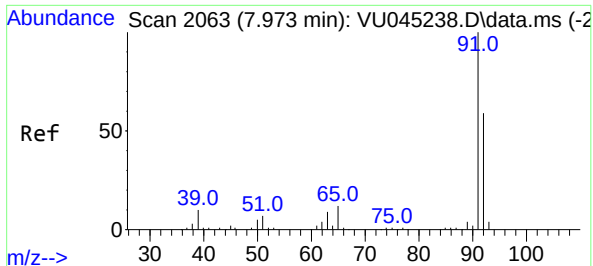
Tgt Ion: 63 Resp: 16477
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#39
cis-1,3-Dichloropropene
Concen: 0.937 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU045250.D
Acq: 08 Oct 2021 14:42

Tgt Ion: 75 Resp: 3697
Ion Ratio Lower Upper
75 100
77 55.5 22.4 41.6#

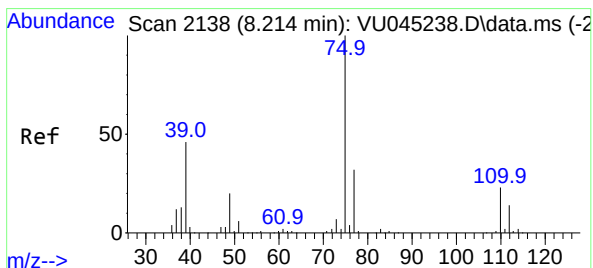
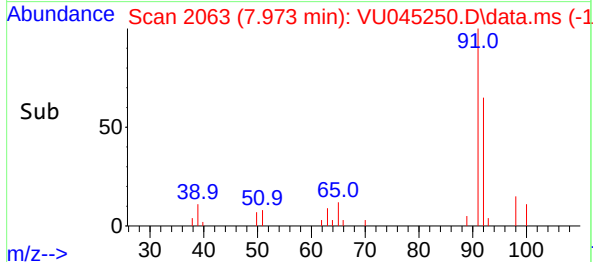
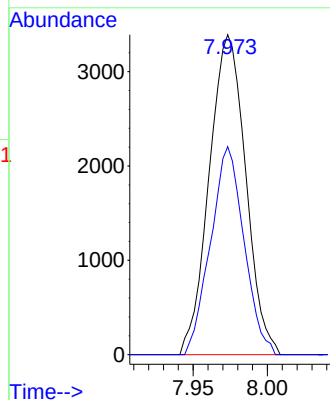
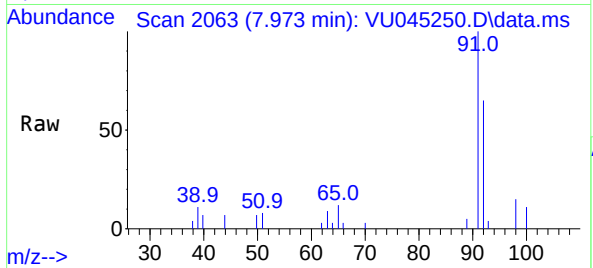




#42
Toluene
Concen: 0.564 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045250.D
Acq: 08 Oct 2021 14:42

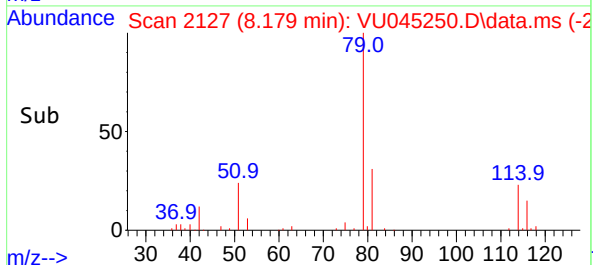
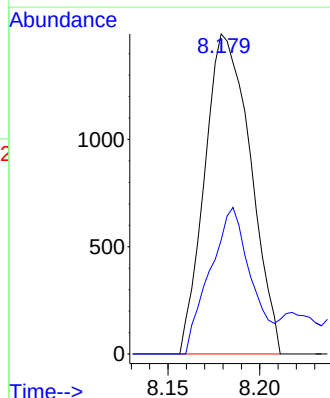
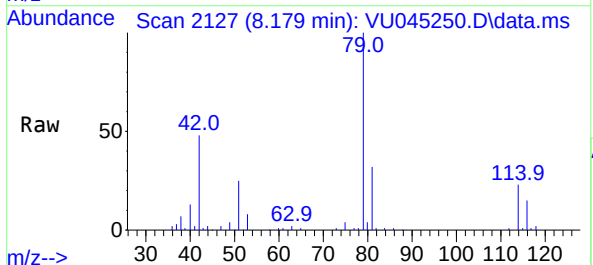
Instrument :
MSVOA_U
ClientSampled :

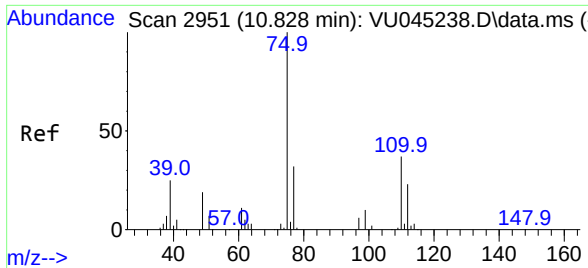
Tgt Ion: 91 Resp: 5801
Ion Ratio Lower Upper
91 100
92 65.0 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.690 ug/L
RT: 8.179 min Scan# 2127
Delta R.T. -0.035 min
Lab File: VU045250.D
Acq: 08 Oct 2021 14:42

Tgt Ion: 75 Resp: 2587
Ion Ratio Lower Upper
75 100
77 35.6 21.7 40.3





#60
 1,2,3-Trichloropropane
 Concen: 4.849 ug/L
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.987 min
 Lab File: VU045250.D
 Acq: 08 Oct 2021 14:42

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Tgt Ion:	75	Resp:	15536
Ion	Ratio	Lower	Upper
75	100		
77	32.8	25.5	38.3
110	1.2	29.0	43.4#

