

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
 Data File : VU045260.D
 Acq On : 08 Oct 2021 18:38
 Operator : SY/MD
 Sample : M4024-21
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 09 05:33:08 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)

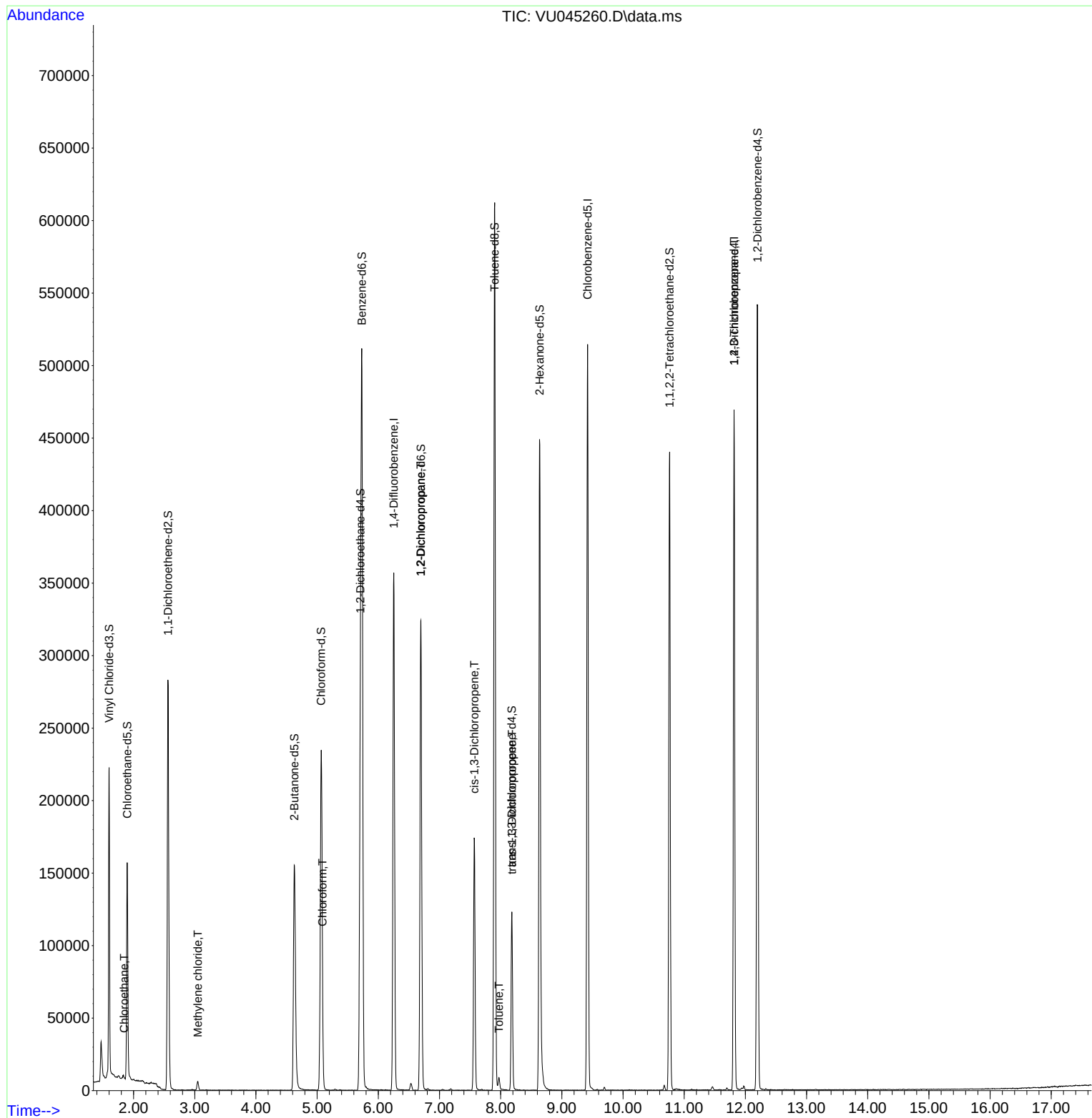
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	271925	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	265650	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	114520	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	142549	47.887	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.780%		
7) Chloroethane-d5	1.896	69	113520	48.124	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.240%		
11) 1,1-Dichloroethene-d2	2.562	63	172803	34.567	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.140%		
21) 2-Butanone-d5	4.626	46	224870	95.552	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.550%		
24) Chloroform-d	5.067	84	213547	45.421	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.840%		
26) 1,2-Dichloroethane-d4	5.707	65	155296	48.764	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.520%		
32) Benzene-d6	5.732	84	454426	49.298	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.600%		
36) 1,2-Dichloropropane-d6	6.697	67	147997	49.239	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.480%		
41) Toluene-d8	7.903	98	390764	49.122	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.240%		
43) trans-1,3-Dichloroprop...	8.182	79	65048	48.652	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.300%		
47) 2-Hexanone-d5	8.636	63	153855	92.369	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.370%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	221003	47.219	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.440%		
66) 1,2-Dichlorobenzene-d4	12.198	152	133087	53.400	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.800%		
Target Compounds						Qvalue
8) Chloroethane	1.845	64	2333	1.169	ug/L #	55
16) Methylene chloride	3.051	84	2785	1.044	ug/L	98
25) Chloroform	5.089	83	4014	0.875	ug/L	85
37) 1,2-Dichloropropane	6.694	63	16716	6.231	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	4051	1.055	ug/L #	76
42) Toluene	7.973	91	5927	0.592	ug/L	97
44) trans-1,3-Dichloropropene	8.186	75	2713	0.743	ug/L #	83
60) 1,2,3-Trichloropropane	11.816	75	14935	4.715	ug/L #	67

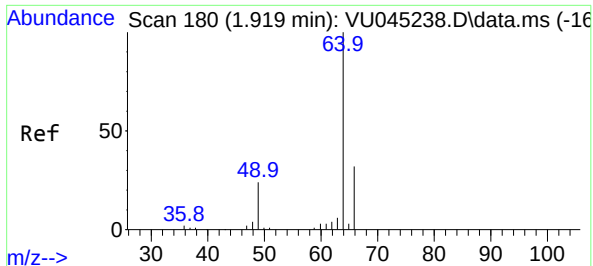
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Oct 09 05:29:23 2021
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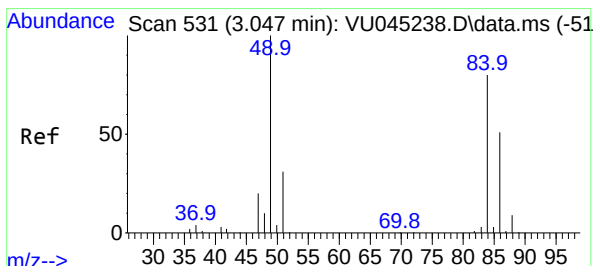
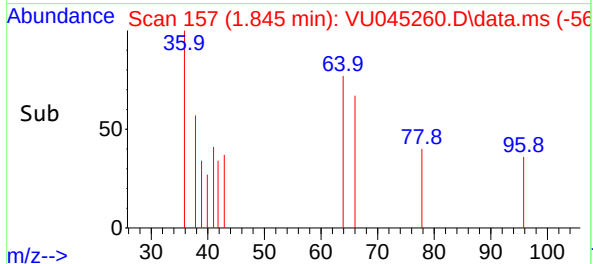
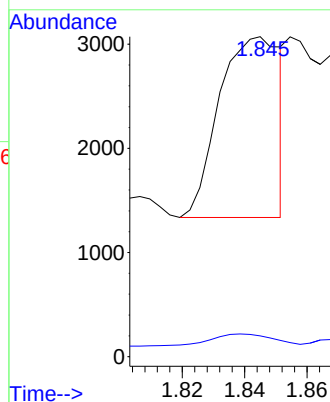
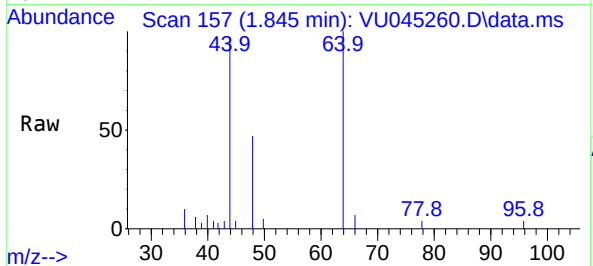




#8
Chloroethane
Concen: 1.169 ug/L
RT: 1.845 min Scan# 157
Delta R.T. -0.074 min
Lab File: VU045260.D
Acq: 08 Oct 2021 18:38

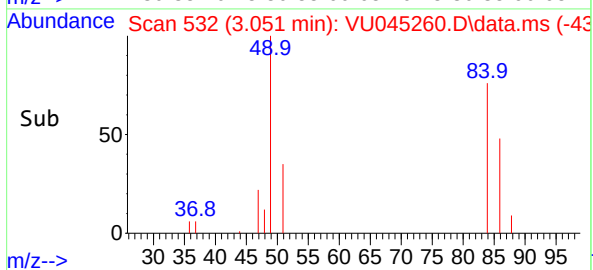
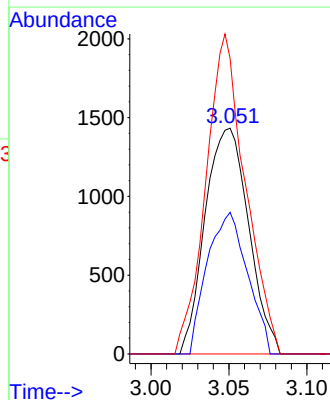
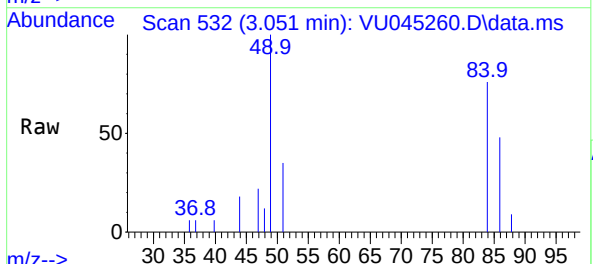
Instrument :
MSVOA_U
ClientSampled :

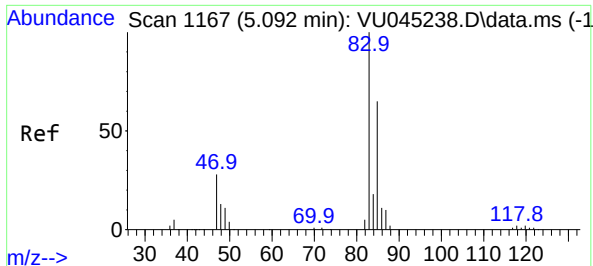
Tgt Ion: 64 Resp: 2333
Ion Ratio Lower Upper
64 100
66 6.5 22.3 41.3#



#16
Methylene chloride
Concen: 1.044 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.003 min
Lab File: VU045260.D
Acq: 08 Oct 2021 18:38

Tgt Ion: 84 Resp: 2785
Ion Ratio Lower Upper
84 100
86 62.7 44.7 83.1
49 130.8 92.9 172.5



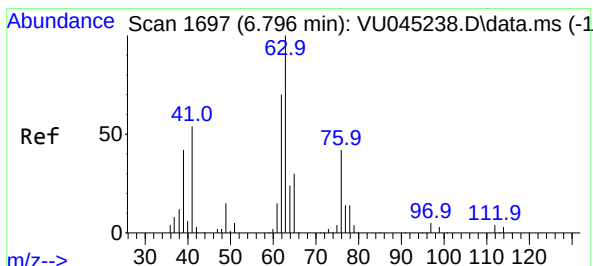
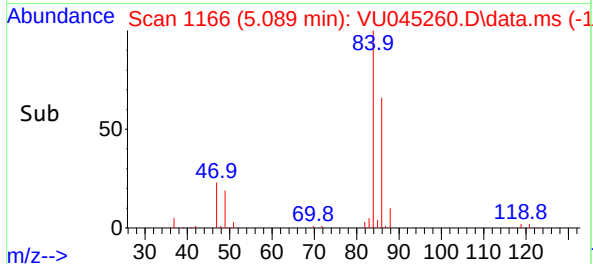
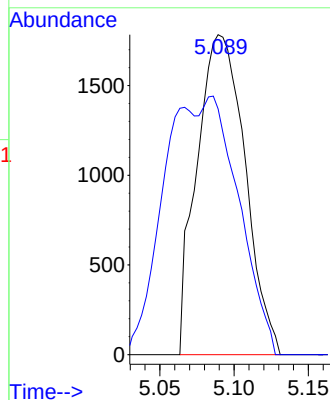
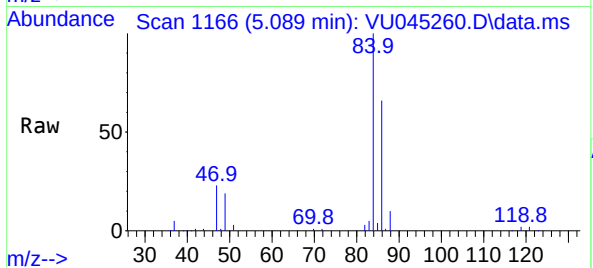


#25

Chloroform
Concen: 0.875 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. -0.003 min
Lab File: VU045260.D
Acq: 08 Oct 2021 18:38

Instrument :
MSVOA_U
ClientSampleId :

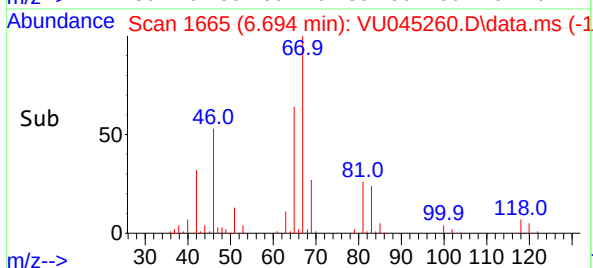
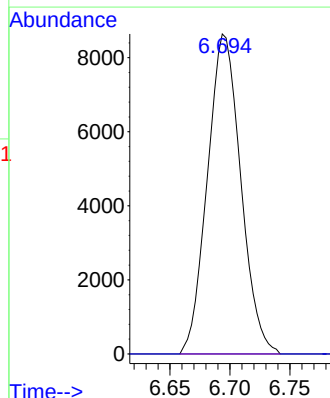
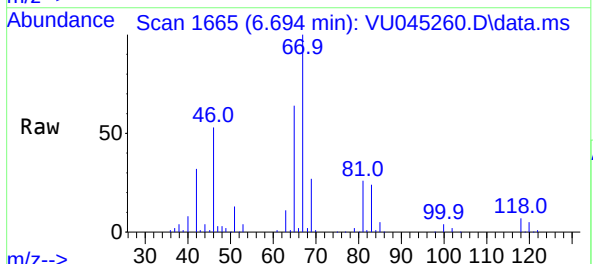
Tgt Ion: 83 Resp: 4014
Ion Ratio Lower Upper
83 100
85 76.8 45.6 84.6

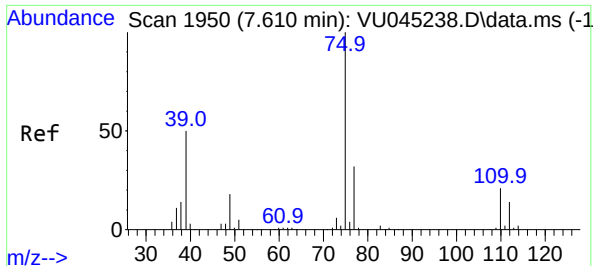


#37

1,2-Dichloropropane
Concen: 6.231 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU045260.D
Acq: 08 Oct 2021 18:38

Tgt Ion: 63 Resp: 16716
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



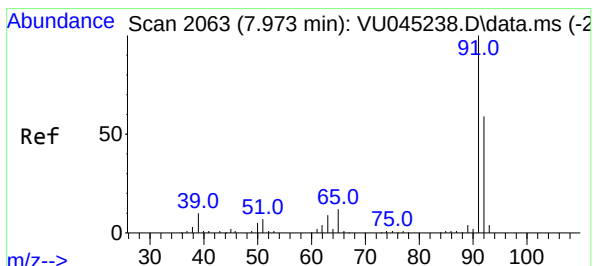
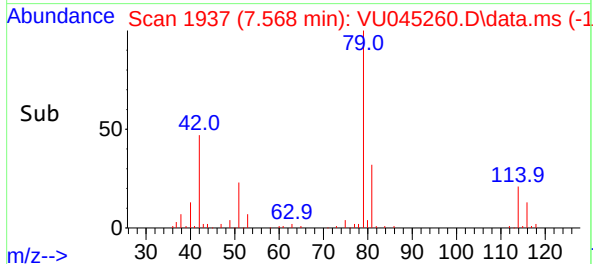
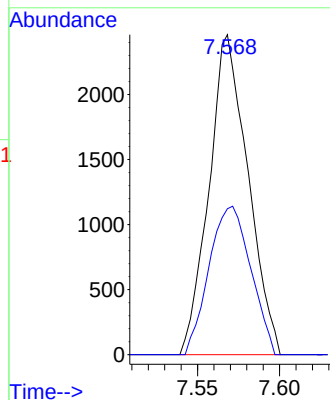
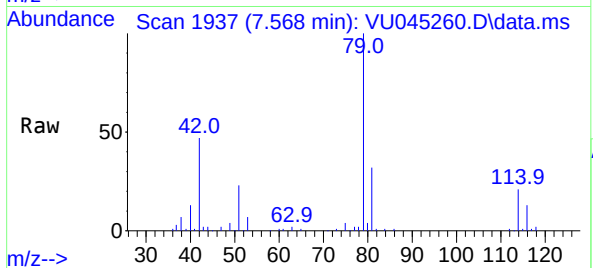


#39

cis-1,3-Dichloropropene
Concen: 1.055 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU045260.D
Acq: 08 Oct 2021 18:38

Instrument :
MSVOA_U
ClientSampled :

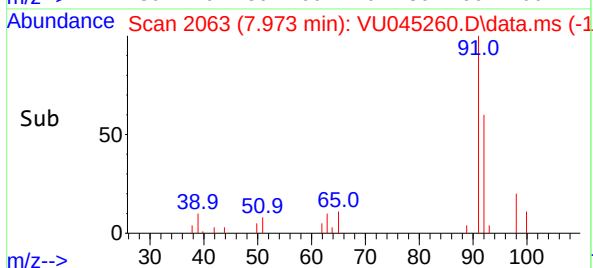
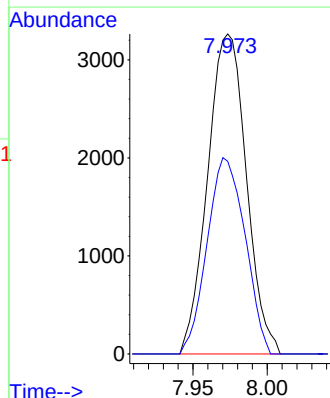
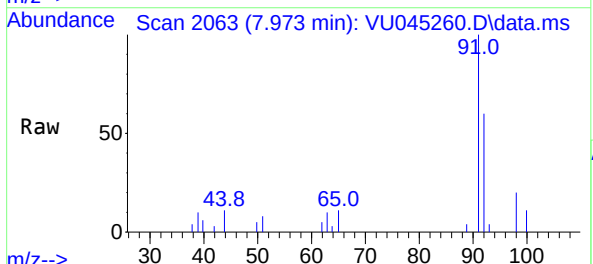
Tgt Ion: 75 Resp: 4051
Ion Ratio Lower Upper
75 100
77 45.6 22.4 41.6#

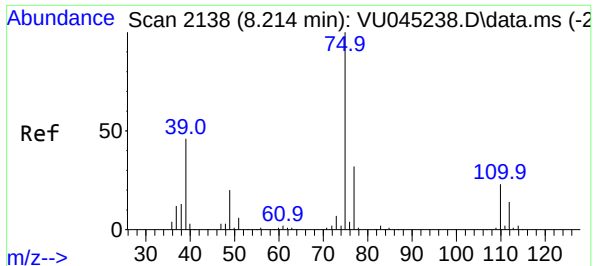


#42

Toluene
Concen: 0.592 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045260.D
Acq: 08 Oct 2021 18:38

Tgt Ion: 91 Resp: 5927
Ion Ratio Lower Upper
91 100
92 60.2 40.5 75.1

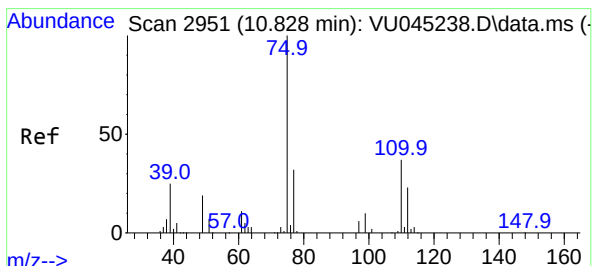
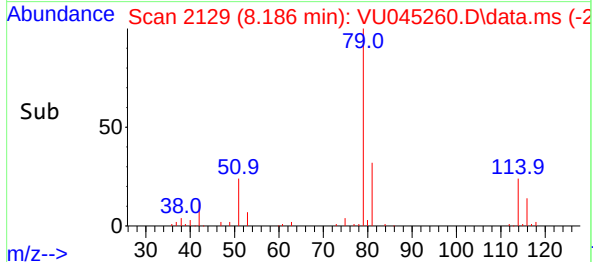
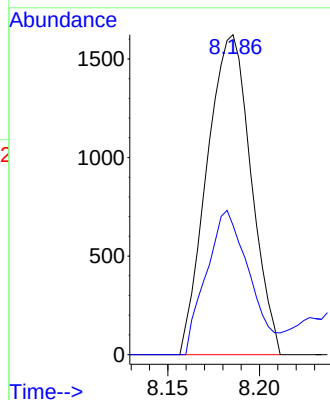
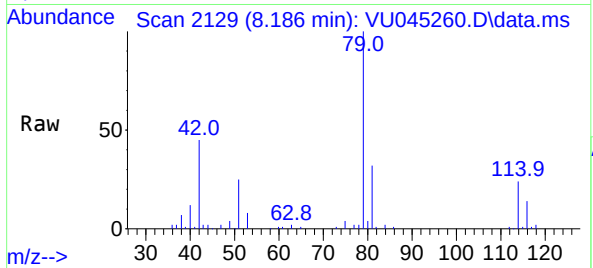




#44
trans-1,3-Dichloropropene
Concen: 0.743 ug/L
RT: 8.186 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU045260.D
Acq: 08 Oct 2021 18:38

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 75 Resp: 2713
Ion Ratio Lower Upper
75 100
77 40.4 21.7 40.3#



#60
1,2,3-Trichloropropane
Concen: 4.715 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU045260.D
Acq: 08 Oct 2021 18:38

Tgt Ion: 75 Resp: 14935
Ion Ratio Lower Upper
75 100
77 34.1 25.5 38.3
110 1.6 29.0 43.4#

