

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
 Data File : VU045122.D
 Acq On : 05 Oct 2021 02:04
 Operator : SY/MD
 Sample : M4023-19 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK8

Quant Time: Oct 05 07:03:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 05 02:41:56 2021
 Response via : Initial Calibration

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

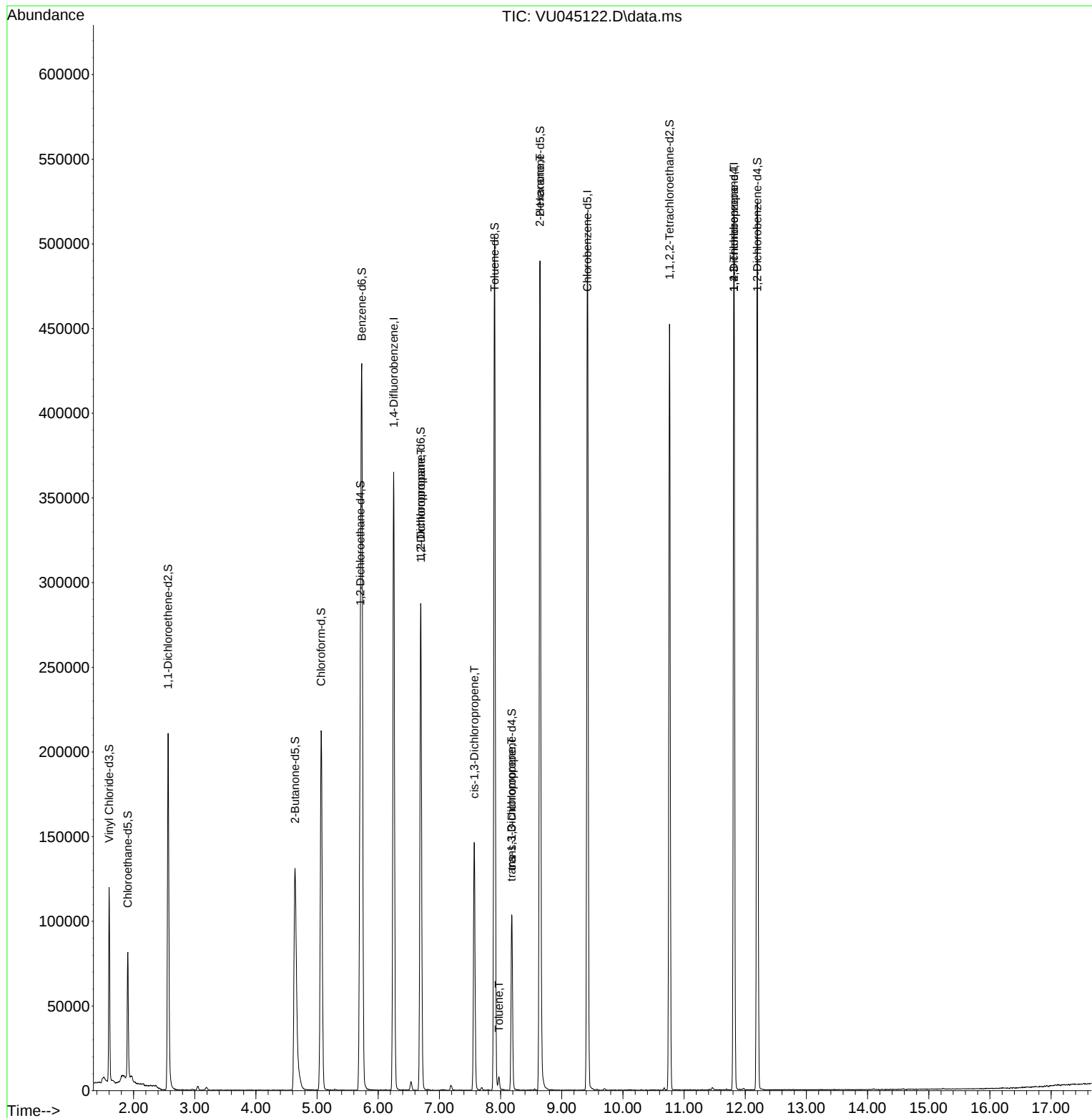
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	287878	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	271209	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	126722	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	81472	25.852	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	51.700%#		
7) Chloroethane-d5	1.906	69	51885	20.777	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	41.560%#		
11) 1,1-Dichloroethene-d2	2.565	63	126247	23.855	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	47.700%#		
21) 2-Butanone-d5	4.639	46	244607	98.179	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.180%		
24) Chloroform-d	5.067	84	192054	38.586	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	77.180%		
26) 1,2-Dichloroethane-d4	5.706	65	139664	41.425	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.860%		
32) Benzene-d6	5.732	84	380692	40.452	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.900%		
36) 1,2-Dichloropropane-d6	6.694	67	128599	41.908	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	83.820%		
41) Toluene-d8	7.902	98	322969	39.768	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	79.540%#		
43) trans-1,3-Dichloroprop...	8.182	79	56278	41.230	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.460%		
47) 2-Hexanone-d5	8.645	63	180564	106.182	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	106.180%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	222369	46.537	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.080%		
66) 1,2-Dichlorobenzene-d4	12.198	152	126875	46.005	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.020%		
Target Compounds						Qvalue
37) 1,2-Dichloropropane	6.697	63	14824	5.413	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	3722	0.950	ug/L #	77
42) Toluene	7.973	91	5369	0.525	ug/L	97
44) trans-1,3-Dichloropropene	8.179	75	2602	0.698	ug/L	87
48) 2-Hexanone	8.642	43	21671	5.342	ug/L #	68
60) 1,2,3-Trichloropropane	11.816	75	16766	4.784	ug/L #	69

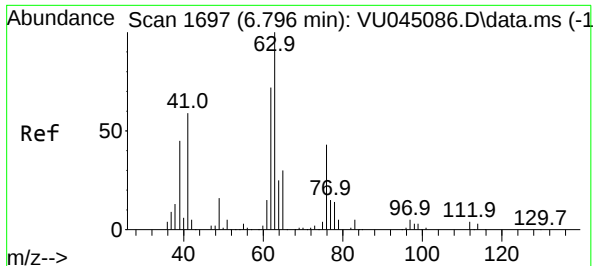
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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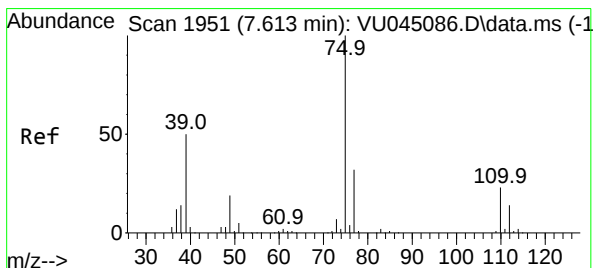
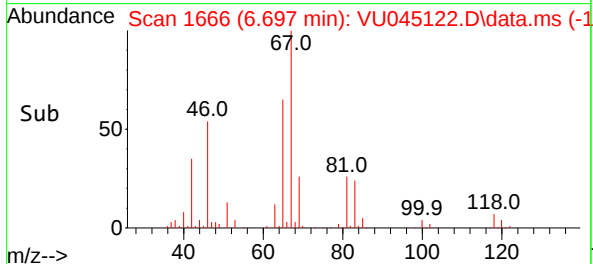
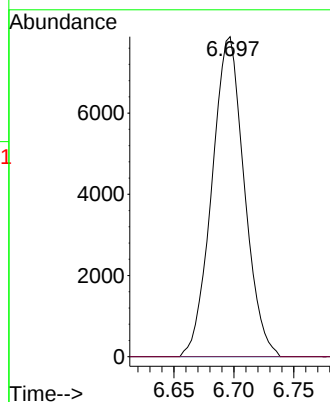
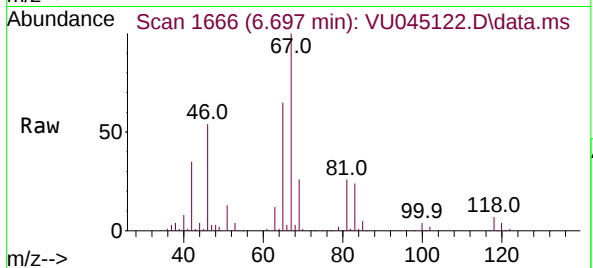


#37

1,2-Dichloropropane
Concen: 5.413 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU045122.D
Acq: 05 Oct 2021 02:04

Instrument :
MSVOA_U
ClientSampled :
C0AK8

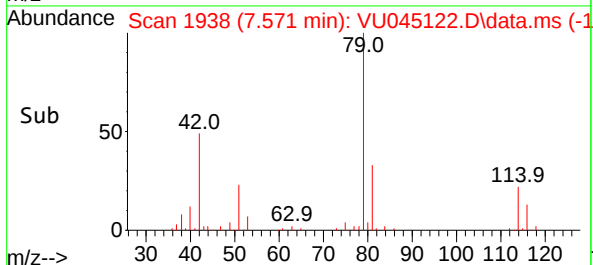
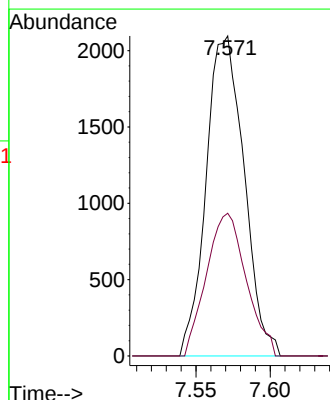
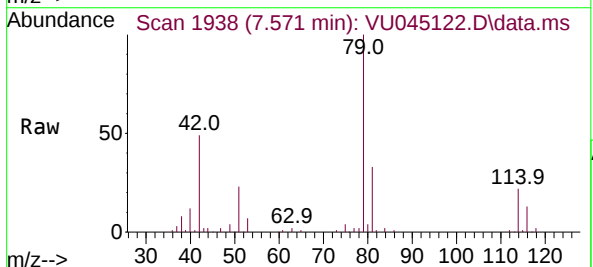
Tgt Ion: 63 Resp: 14824
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

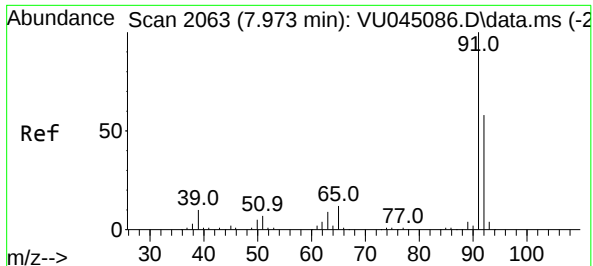


#39

cis-1,3-Dichloropropene
Concen: 0.950 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU045122.D
Acq: 05 Oct 2021 02:04

Tgt Ion: 75 Resp: 3722
Ion Ratio Lower Upper
75 100
77 44.6 22.4 41.6#

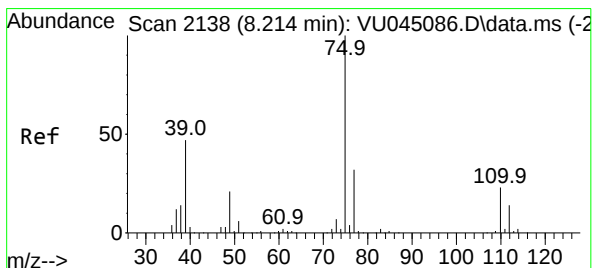
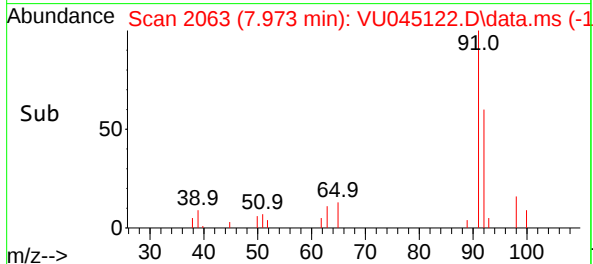
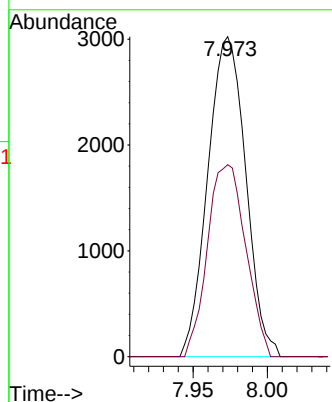
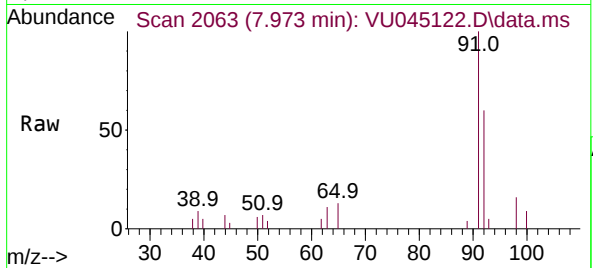




#42
Toluene
Concen: 0.525 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045122.D
Acq: 05 Oct 2021 02:04

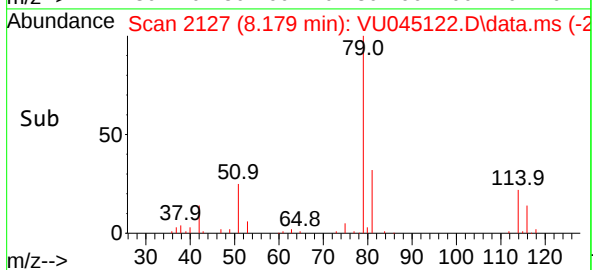
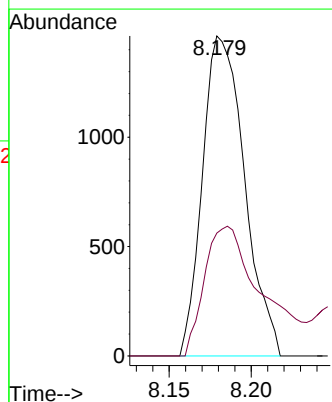
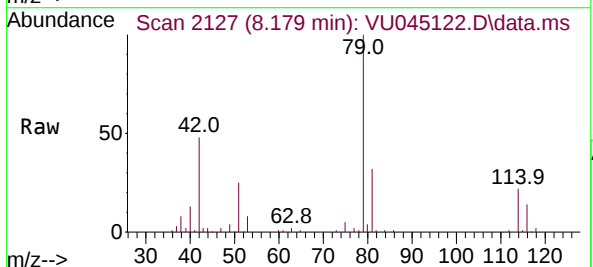
Instrument :
MSVOA_U
ClientSampled :
C0AK8

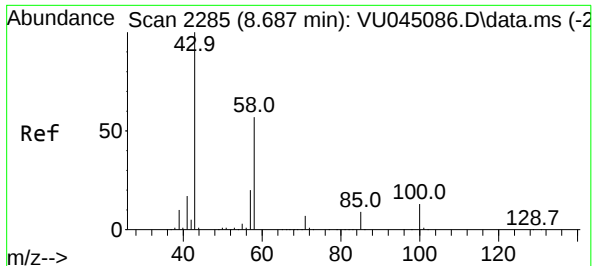
Tgt Ion: 91 Resp: 5369
Ion Ratio Lower Upper
91 100
92 60.0 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.698 ug/L
RT: 8.179 min Scan# 2127
Delta R.T. -0.035 min
Lab File: VU045122.D
Acq: 05 Oct 2021 02:04

Tgt Ion: 75 Resp: 2602
Ion Ratio Lower Upper
75 100
77 38.4 21.7 40.3

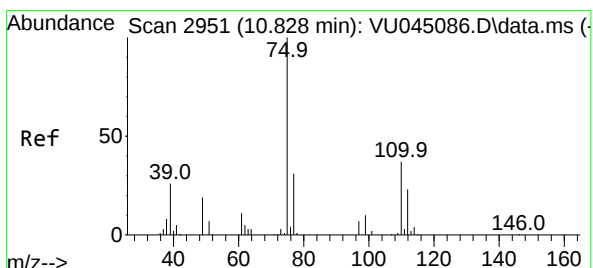
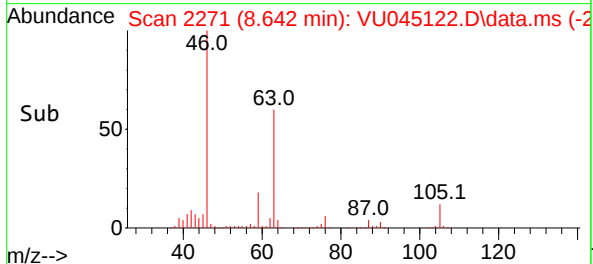
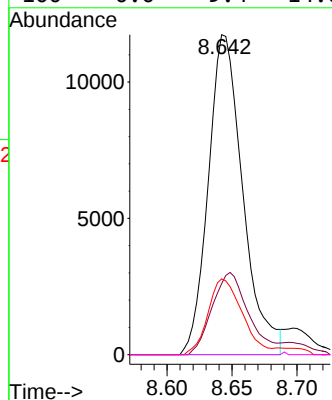
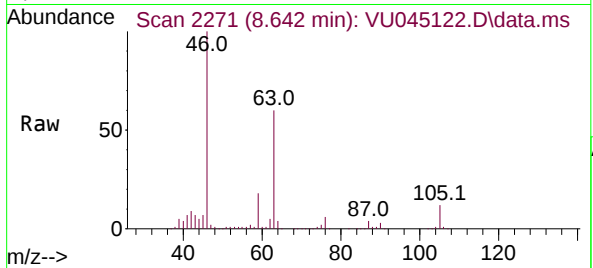




#48
2-Hexanone
Concen: 5.342 ug/L
RT: 8.642 min Scan# 2271
Delta R.T. -0.045 min
Lab File: VU045122.D
Acq: 05 Oct 2021 02:04

Instrument :
MSVOA_U
ClientSampled :
C0AK8

Tgt Ion:	43	Resp:	21671
Ion	Ratio	Lower	Upper
43	100		
58	27.0	44.9	67.3#
57	23.5	15.5	23.3#
100	0.0	9.4	14.0#



#60
1,2,3-Trichloropropane
Concen: 4.784 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU045122.D
Acq: 05 Oct 2021 02:04

Tgt Ion:	75	Resp:	16766
Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.5	38.3
110	2.0	29.0	43.4#

