

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
 Data File : VU045261.D
 Acq On : 08 Oct 2021 19:02
 Operator : SY/MD
 Sample : M4026-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 09 05:33:17 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)

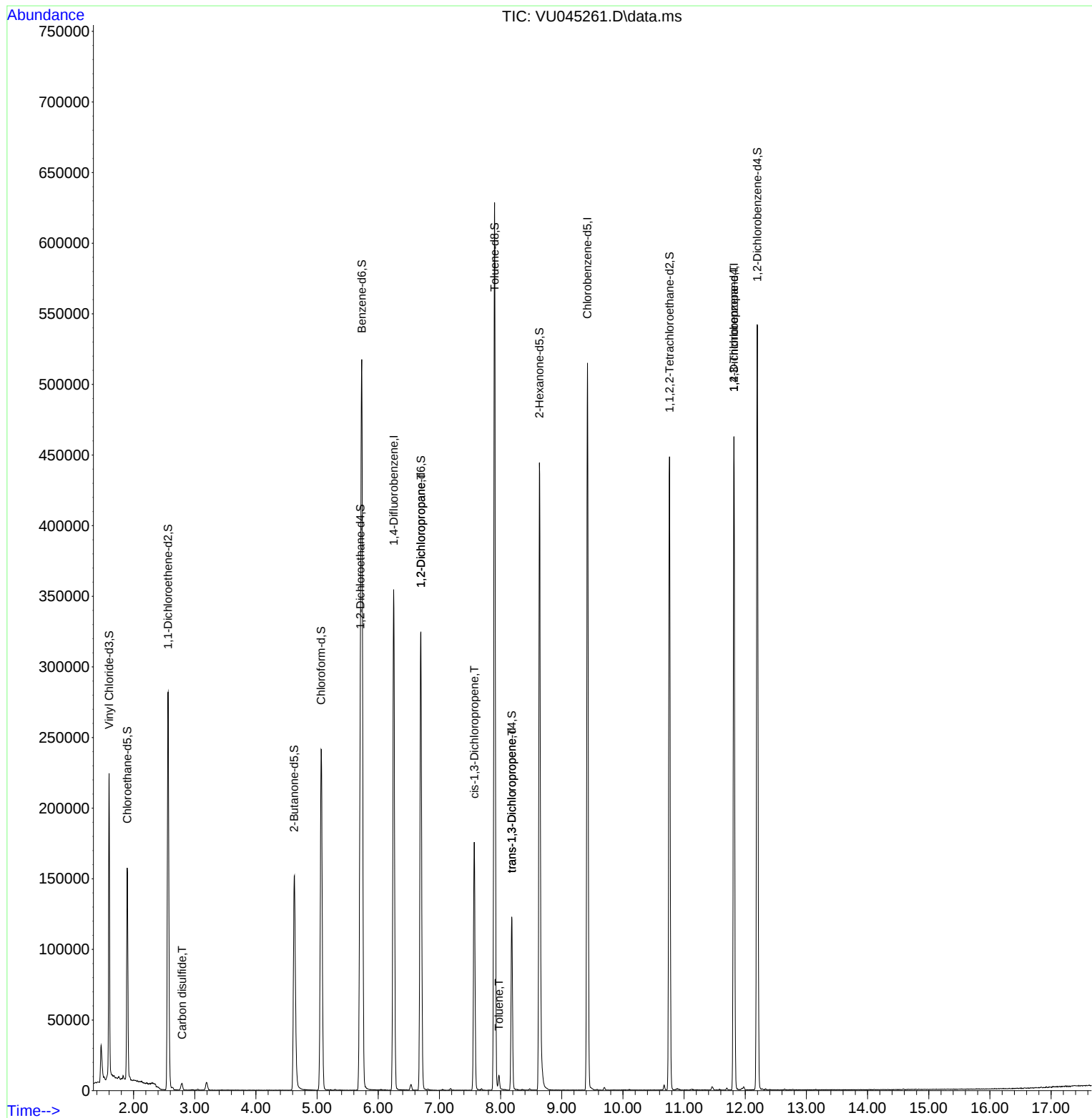
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	274935	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	264104	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	113359	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	142193	47.244	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.480%
7) Chloroethane-d5	1.896	69	113887	47.751	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.500%
11) 1,1-Dichloroethene-d2	2.562	63	174329	34.491	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.980%
21) 2-Butanone-d5	4.626	46	219335	92.180	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.180%
24) Chloroform-d	5.066	84	218943	46.059	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.120%
26) 1,2-Dichloroethane-d4	5.706	65	154929	48.116	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.240%
32) Benzene-d6	5.732	84	460192	50.216	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.440%
36) 1,2-Dichloropropane-d6	6.697	67	146063	48.880	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.760%
41) Toluene-d8	7.902	98	395926	50.062	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.120%
43) trans-1,3-Dichloroprop...	8.182	79	64565	48.573	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.140%
47) 2-Hexanone-d5	8.635	63	149561	90.317	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.320%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	220375	47.360	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.720%
66) 1,2-Dichlorobenzene-d4	12.198	152	132745	53.808	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.620%
Target Compounds						Qvalue
14) Carbon disulfide	2.793	76	5082	0.745	ug/L	97
37) 1,2-Dichloropropane	6.697	63	16325	6.121	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	4038	1.058	ug/L #	63
42) Toluene	7.973	91	6734	0.677	ug/L	100
44) trans-1,3-Dichloropropene	8.182	75	2764	0.762	ug/L	84
60) 1,2,3-Trichloropropane	11.815	75	15322	4.887	ug/L #	68

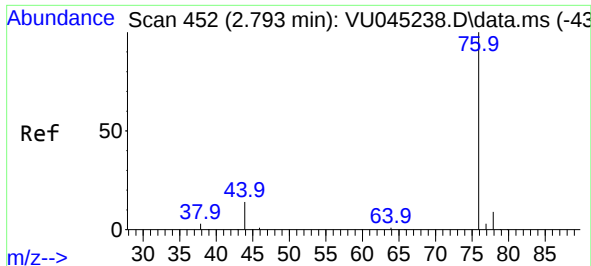
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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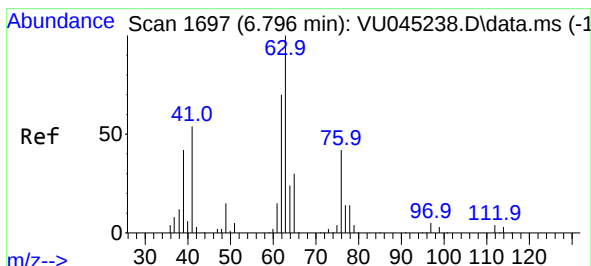
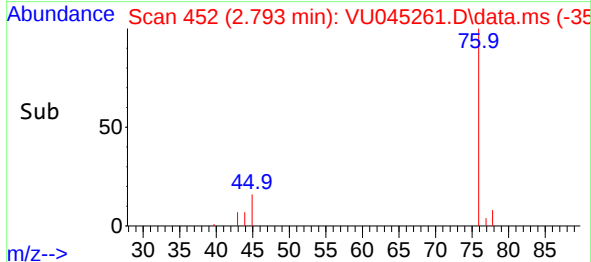
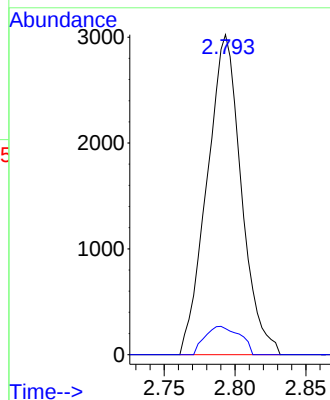
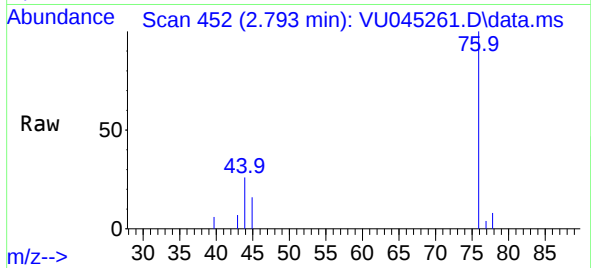




#14
Carbon disulfide
Concen: 0.745 ug/L
RT: 2.793 min Scan# 452
Delta R.T. -0.000 min
Lab File: VU045261.D
Acq: 08 Oct 2021 19:02

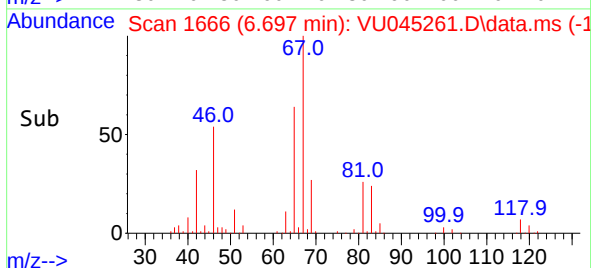
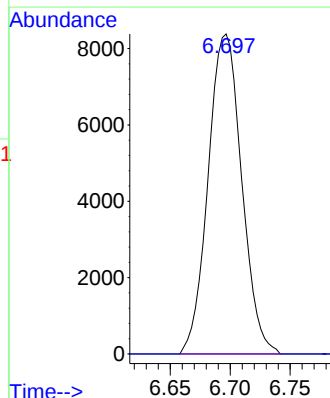
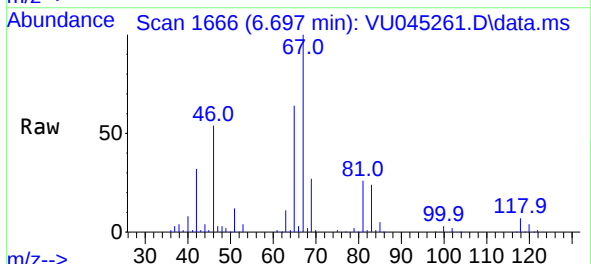
Instrument :
MSVOA_U
ClientSampled :

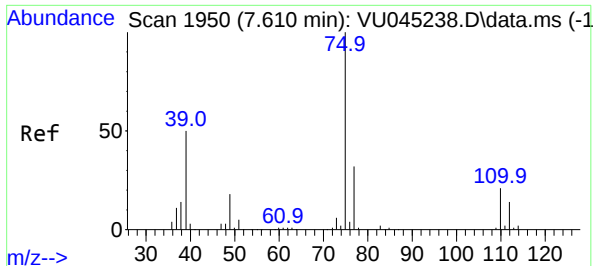
Tgt Ion: 76 Resp: 5082
Ion Ratio Lower Upper
76 100
78 8.2 7.3 10.9



#37
1,2-Dichloropropane
Concen: 6.121 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU045261.D
Acq: 08 Oct 2021 19:02

Tgt Ion: 63 Resp: 16325
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



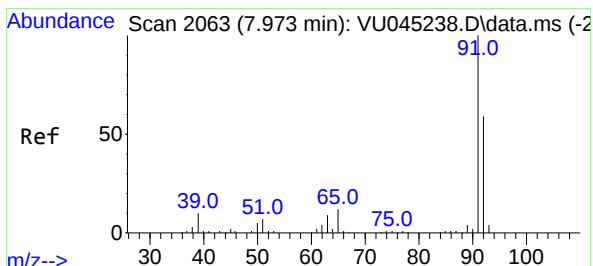
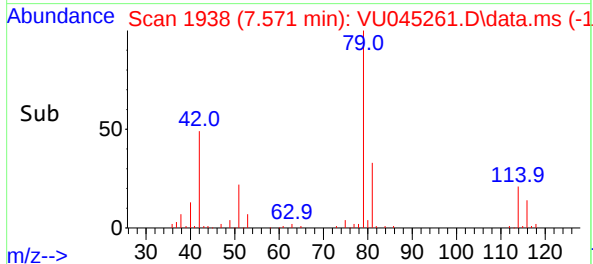
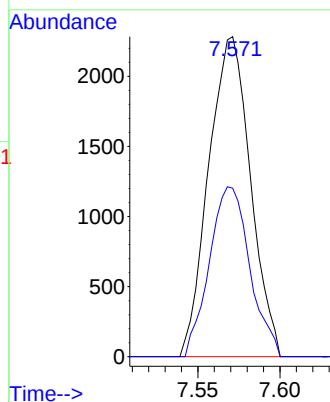
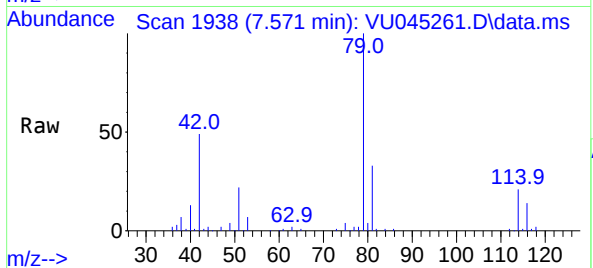


#39

cis-1,3-Dichloropropene
Concen: 1.058 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.039 min
Lab File: VU045261.D
Acq: 08 Oct 2021 19:02

Instrument :
MSVOA_U
ClientSampled :

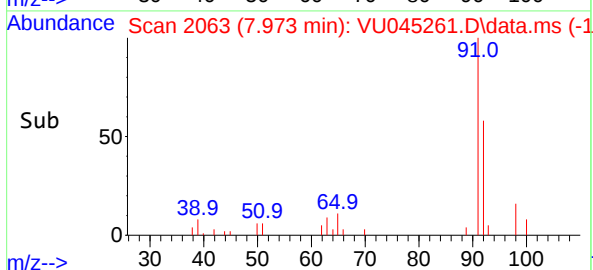
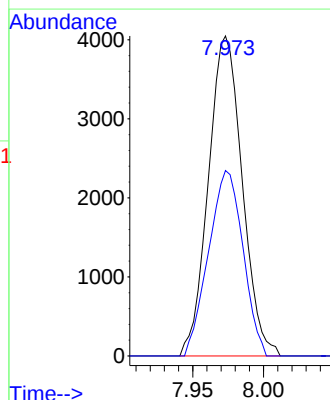
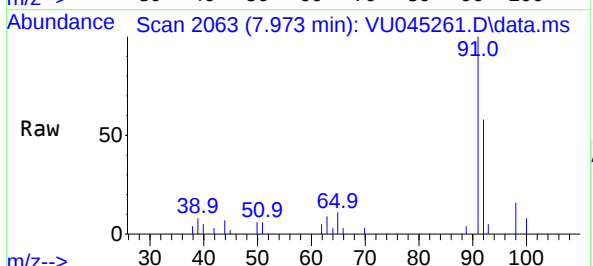
Tgt Ion: 75 Resp: 4038
Ion Ratio Lower Upper
75 100
77 52.7 22.4 41.6#

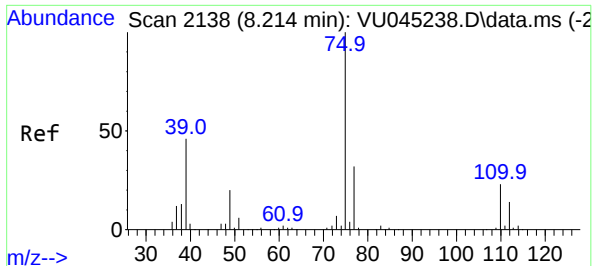


#42

Toluene
Concen: 0.677 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045261.D
Acq: 08 Oct 2021 19:02

Tgt Ion: 91 Resp: 6734
Ion Ratio Lower Upper
91 100
92 58.0 40.5 75.1

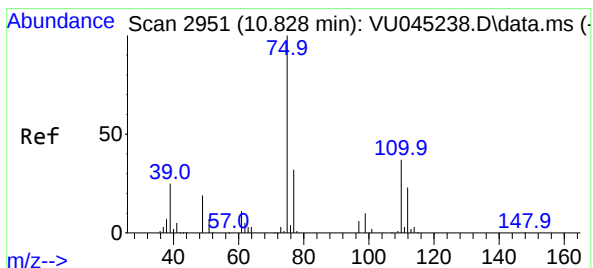
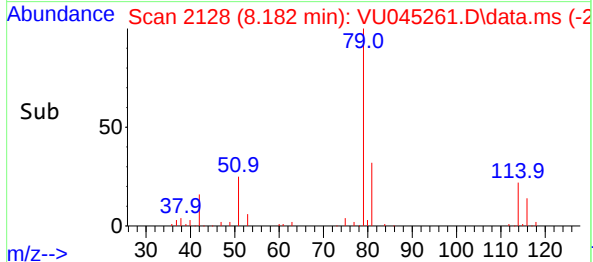
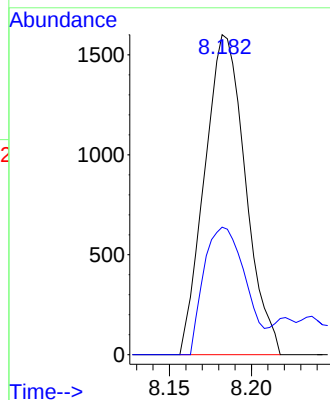
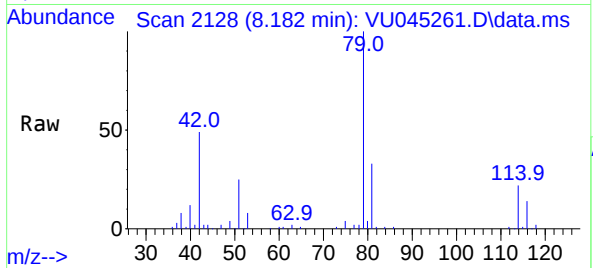




#44
trans-1,3-Dichloropropene
Concen: 0.762 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU045261.D
Acq: 08 Oct 2021 19:02

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 75 Resp: 2764
Ion Ratio Lower Upper
75 100
77 39.9 21.7 40.3



#60
1,2,3-Trichloropropane
Concen: 4.887 ug/L
RT: 11.815 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU045261.D
Acq: 08 Oct 2021 19:02

Tgt Ion: 75 Resp: 15322
Ion Ratio Lower Upper
75 100
77 32.8 25.5 38.3
110 1.1 29.0 43.4#

