

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051421\
 Data File : VU043741.D
 Acq On : 14 May 2021 09:24
 Operator : SY/MD
 Sample : VU0514WBL02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 14 14:40:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051421WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 14 04:42:41 2021
 Response via : Initial Calibration

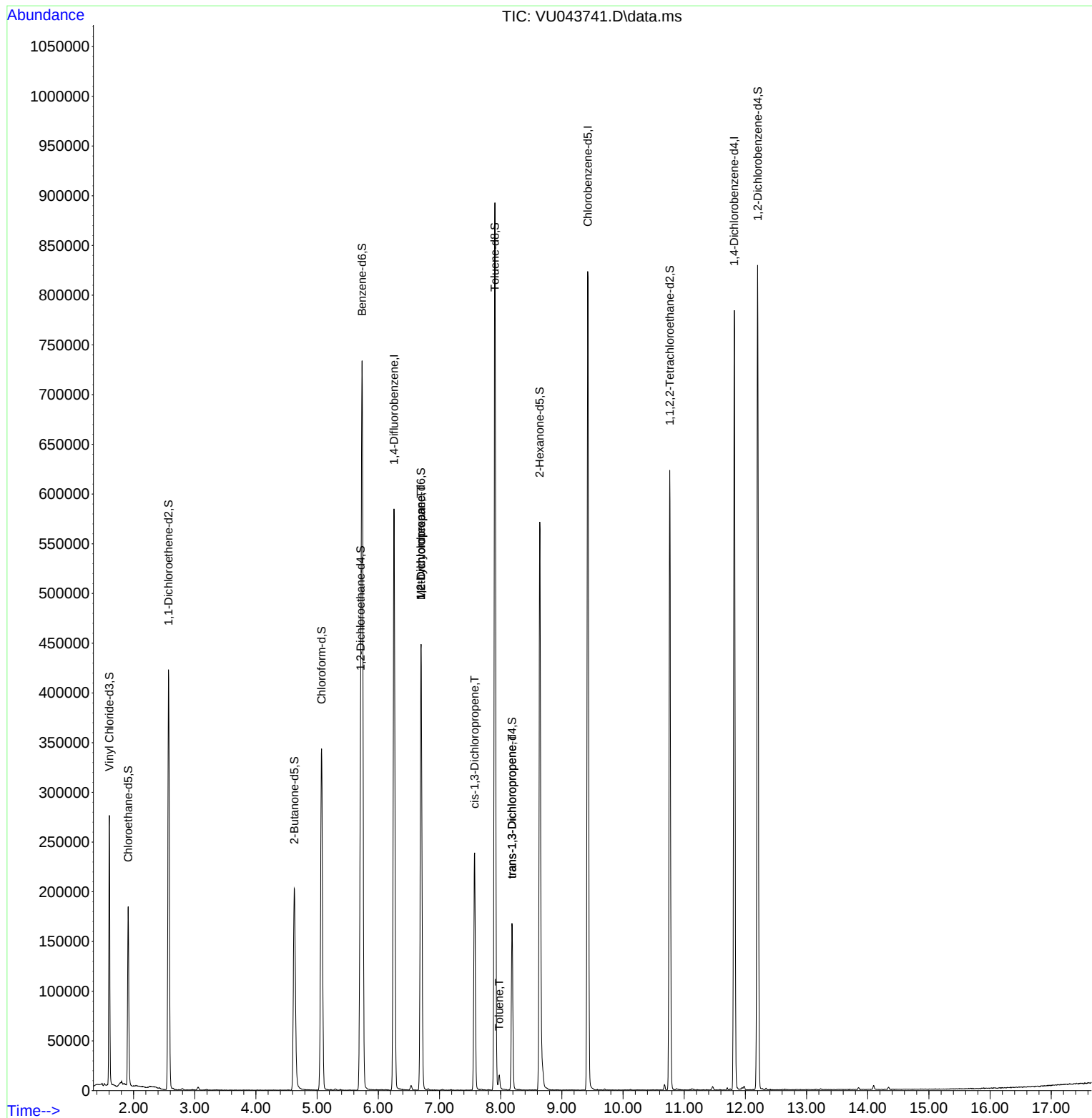
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	472894	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	460204	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	209630	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	190059	48.54	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	97.08%	
7) Chloroethane-d5	1.912	69	136442	48.46	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	96.92%	
11) 1,1-Dichloroethene-d2	2.571	63	245795	36.87	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	73.74%	
21) 2-Butanone-d5	4.626	46	295400	96.45	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	96.45%	
24) Chloroform-d	5.073	84	320279	48.21	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	96.42%	
26) 1,2-Dichloroethane-d4	5.710	65	205204	49.82	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	99.64%	
32) Benzene-d6	5.735	84	675068	49.50	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	99.00%	
36) 1,2-Dichloropropane-d6	6.700	67	223768	50.30	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	100.60%	
41) Toluene-d8	7.906	98	586293	47.77	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	95.54%	
43) trans-1,3-Dichloroprop...	8.185	79	93100	47.87	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	95.74%	
47) 2-Hexanone-d5	8.639	63	191679	89.98	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	89.98%	
56) 1,1,2,2-Tetrachloroeth...	10.764	84	312240	46.38	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	92.76%	
66) 1,2-Dichlorobenzene-d4	12.201	152	224096	54.17	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	108.34%	
Target Compounds						
35) Methylcyclohexane	6.700	83	49165	8.22	ug/L #	18
37) 1,2-Dichloropropane	6.700	63	22410	5.27	ug/L #	89
39) cis-1,3-Dichloropropene	7.574	75	5282	0.91	ug/L #	59
42) Toluene	7.976	91	9133	0.56	ug/L	96
44) trans-1,3-Dichloropropene	8.185	75	3598	0.66	ug/L #	75

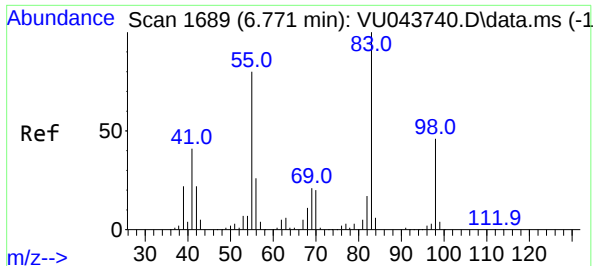
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: May 14 14:40:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051421WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 14 04:42:41 2021
Response via : Initial Calibration

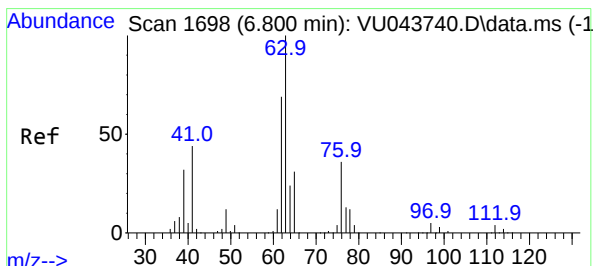
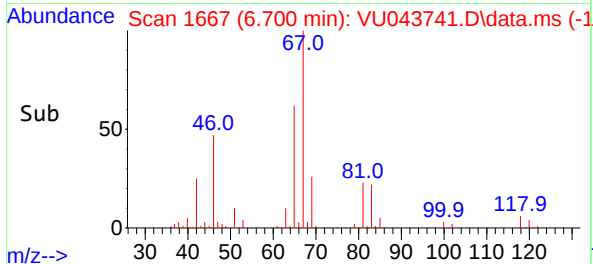
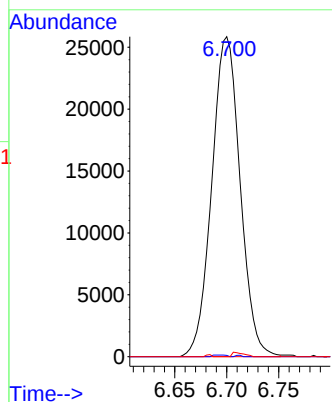
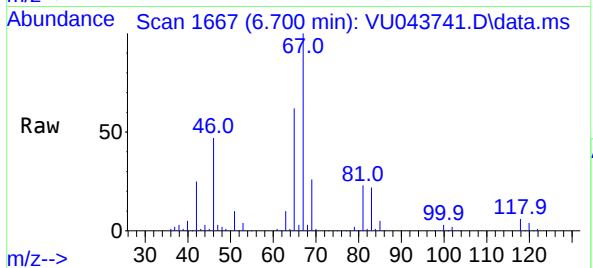




#35
Methylcyclohexane
Concen: 8.22 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043741.D
Acq: 14 May 2021 09:24

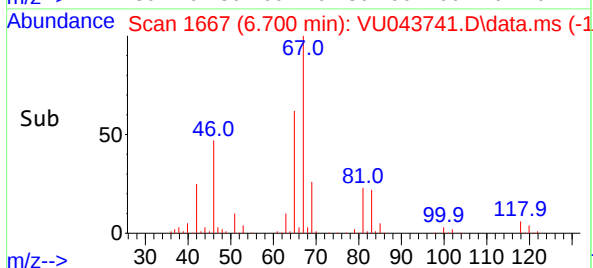
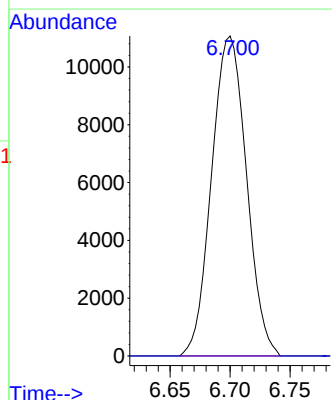
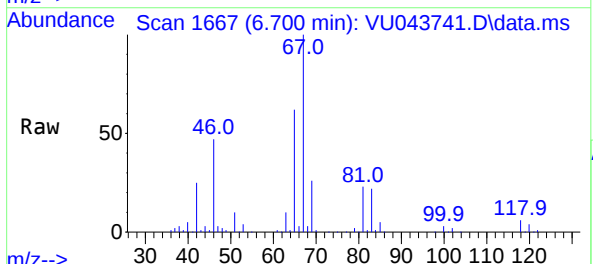
Instrument :
MSVOA_U
ClientSampled :

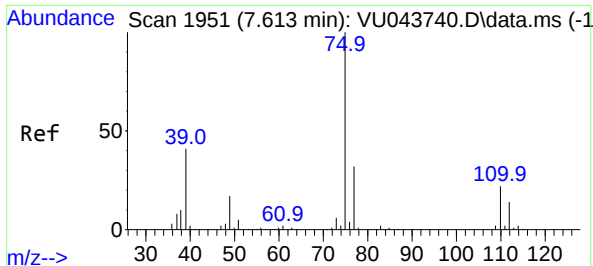
Tgt Ion: 83 Resp: 49165
Ion Ratio Lower Upper
83 100
55 0.1 63.8 95.6#
98 0.6 36.2 54.2#



#37
1,2-Dichloropropane
Concen: 5.27 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.096 min
Lab File: VU043741.D
Acq: 14 May 2021 09:24

Tgt Ion: 63 Resp: 22410
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



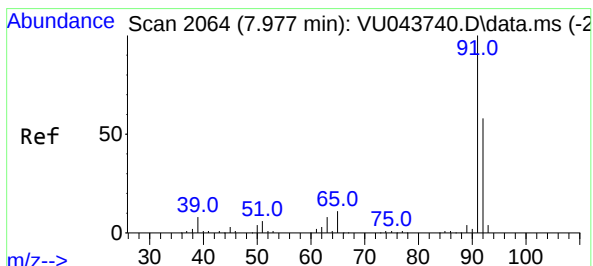
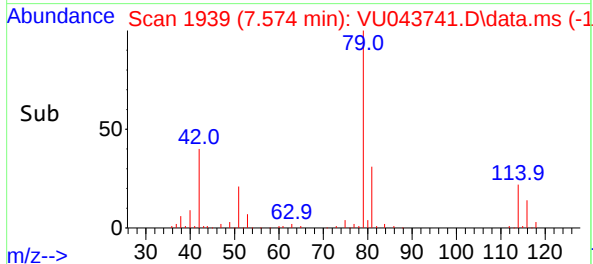
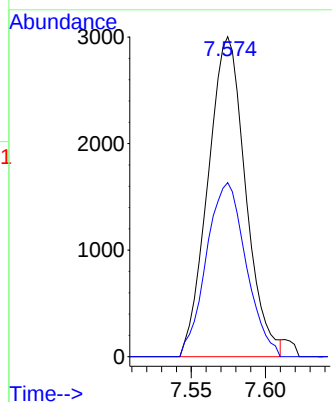
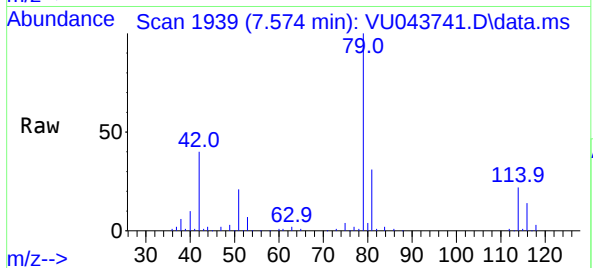


#39

cis-1,3-Dichloropropene
Concen: 0.91 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.039 min
Lab File: VU043741.D
Acq: 14 May 2021 09:24

Instrument :
MSVOA_U
ClientSampled :

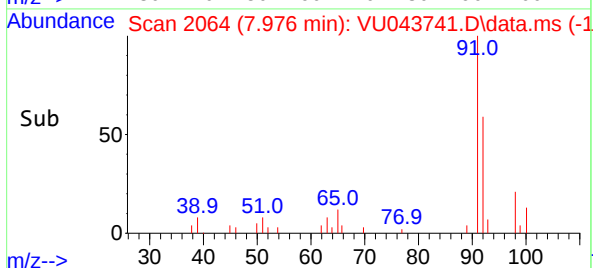
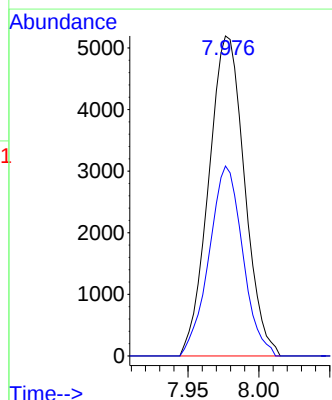
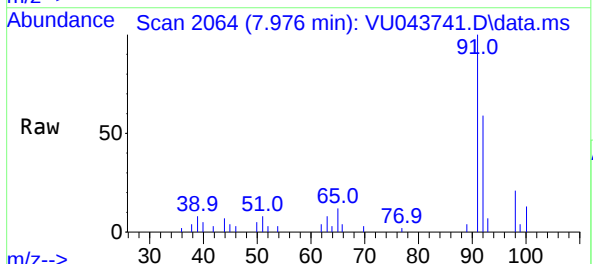
Tgt Ion: 75 Resp: 5282
Ion Ratio Lower Upper
75 100
77 54.4 22.0 41.0#

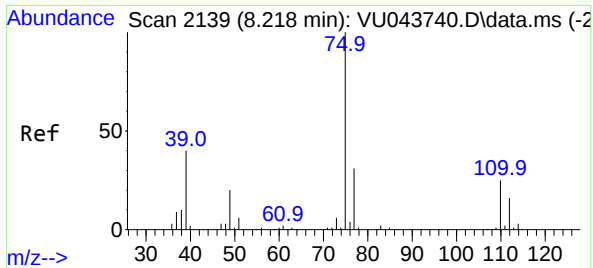


#42

Toluene
Concen: 0.56 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043741.D
Acq: 14 May 2021 09:24

Tgt Ion: 91 Resp: 9133
Ion Ratio Lower Upper
91 100
92 59.3 39.7 73.7





#44
trans-1,3-Dichloropropene
Concen: 0.66 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.032 min
Lab File: VU043741.D
Acq: 14 May 2021 09:24

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 3598
Ion Ratio Lower Upper
75 100
77 45.8 22.4 41.6#

