

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
 Data File : VU045169.D
 Acq On : 06 Oct 2021 01:06
 Operator : SY/MD
 Sample : M3996-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A31

Quant Time: Oct 06 04:40:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 06 01:40:56 2021
 Response via : Initial Calibration

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

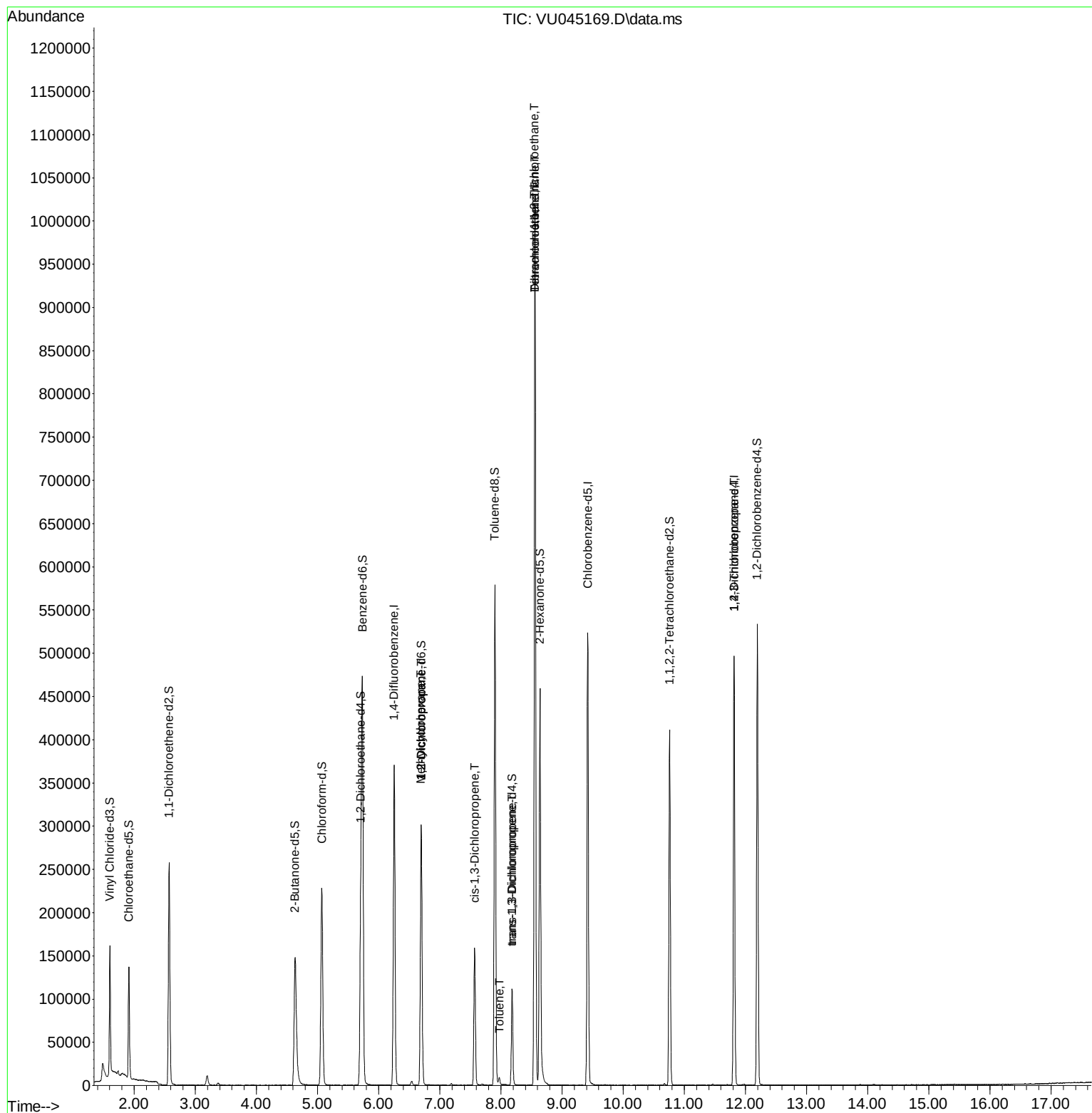
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	291196	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	276855	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	121010	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	103933	32.604	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	65.200%	
7) Chloroethane-d5	1.916	69	97615	38.643	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	77.280%	
11) 1,1-Dichloroethene-d2	2.572	63	153633	28.699	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	57.400%#	
21) 2-Butanone-d5	4.633	46	234183	92.924	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	92.920%	
24) Chloroform-d	5.070	84	206367	40.989	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	81.980%	
26) 1,2-Dichloroethane-d4	5.707	65	147693	43.308	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	86.620%	
32) Benzene-d6	5.732	84	420706	43.793	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	87.580%	
36) 1,2-Dichloropropane-d6	6.697	67	135642	43.302	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	86.600%	
41) Toluene-d8	7.903	98	364365	43.950	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	87.900%	
43) trans-1,3-Dichloroprop...	8.182	79	60676	43.545	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	87.100%	
47) 2-Hexanone-d5	8.639	63	162370	93.536	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	93.540%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	206684	42.372	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	84.740%	
66) 1,2-Dichlorobenzene-d4	12.195	152	128550	48.813	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	97.620%	
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.694	83	32500	7.871	ug/L #	16
37) 1,2-Dichloropropane	6.697	63	15448	5.525	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3806	0.951	ug/L #	61
42) Toluene	7.973	91	5557	0.533	ug/L	89
44) trans-1,3-Dichloropropene	8.185	75	2631	0.692	ug/L	87
45) 1,1,2-Trichloroethane	8.552	97	2066	0.815	ug/L #	1
46) Tetrachloroethene	8.555	164	213878	121.323	ug/L	98
49) Dibromochloromethane	8.555	129	207510	82.812	ug/L #	11
60) 1,2,3-Trichloropropane	11.816	75	16203	4.841	ug/L #	68

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

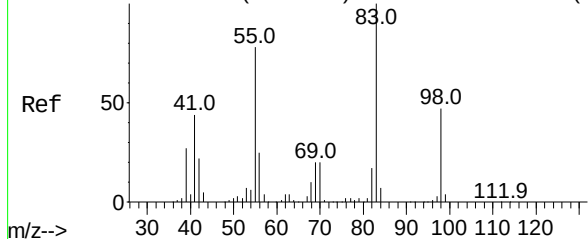
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045169.D
Acq On : 06 Oct 2021 01:06
Operator : SY/MD
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Quant Time: Oct 06 04:40:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 06 01:40:56 2021
Response via : Initial Calibration



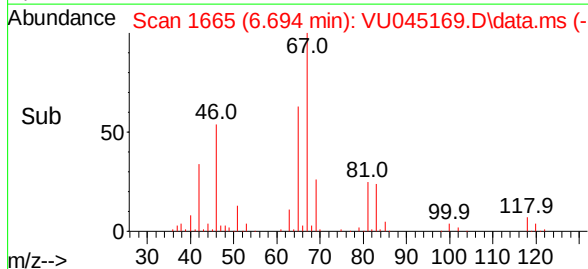
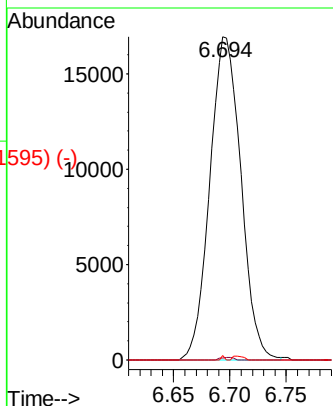
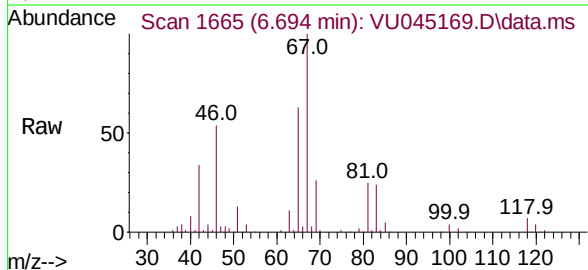
Abundance Scan 1688 (6.768 min): VU045134.D\data.ms (-16735)



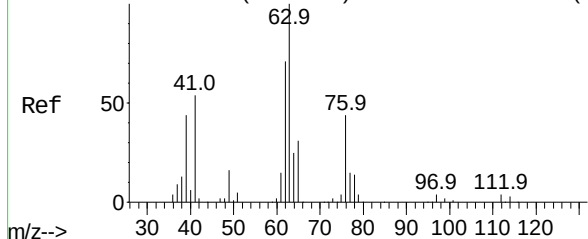
Methylcyclohexane
Concen: 7.871 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU045169.D
Acq: 06 Oct 2021 01:06

Instrument :
MSVOA_U
ClientSampled :
F4A31

Tgt Ion:	83	Resp:	32500
Ion	Ratio	Lower	Upper
83	100		
55	0.0	65.8	98.6#
98	0.4	37.1	55.7#

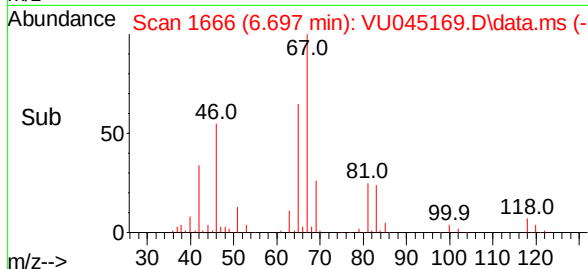
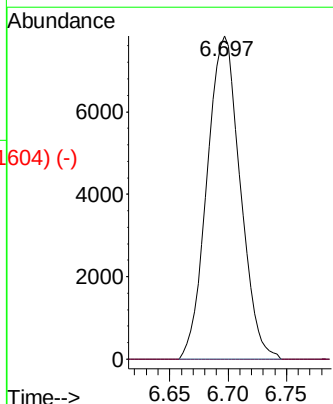
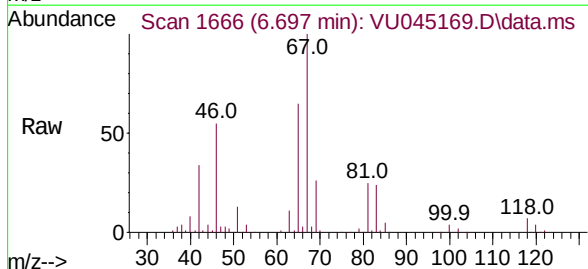


Abundance Scan 1697 (6.796 min): VU045134.D\data.ms (-16607)

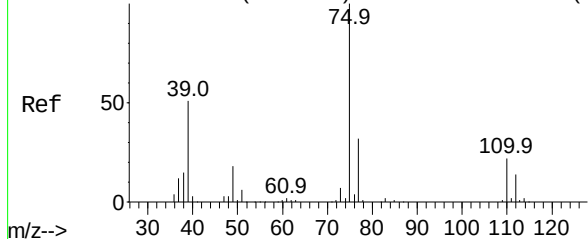


1,2-Dichloropropane
Concen: 5.525 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU045169.D
Acq: 06 Oct 2021 01:06

Tgt Ion:	63	Resp:	15448
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#



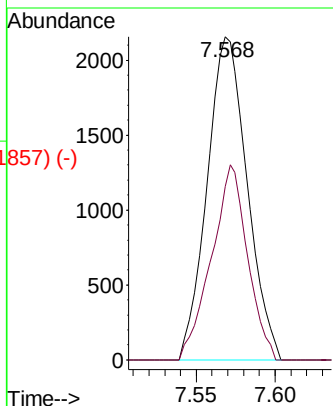
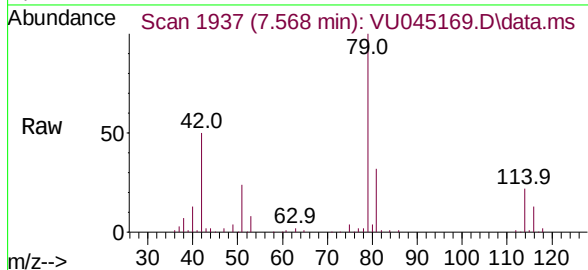
Abundance Scan 1950 (7.610 min): VU045134.D\data.ms (-1928) (-)



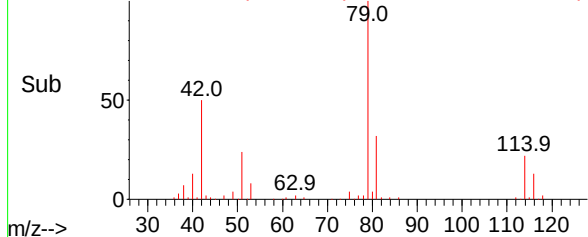
cis-1,3-Dichloropropene
Concen: 0.951 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU045169.D
Acq: 06 Oct 2021 01:06

Instrument :
MSVOA_U
ClientSampled :
F4A31

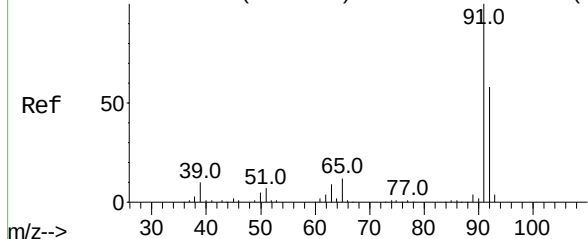
Tgt Ion: 75 Resp: 3806
Ion Ratio Lower Upper
75 100
77 53.6 22.4 41.6#



Abundance Scan 1937 (7.568 min): VU045169.D\data.ms (-1857) (-)

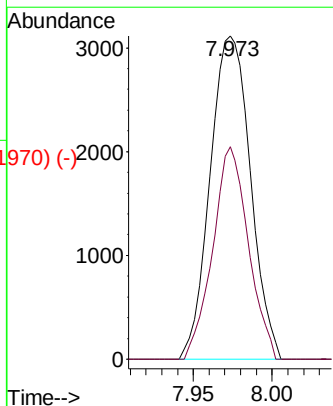
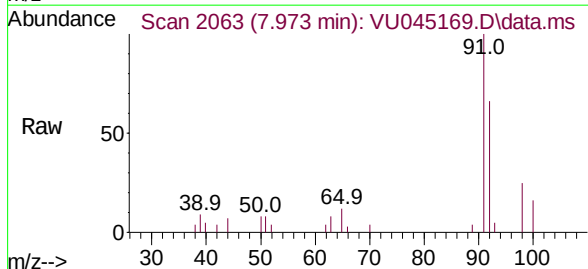


Abundance Scan 2063 (7.973 min): VU045134.D\data.ms (-2042) (-)

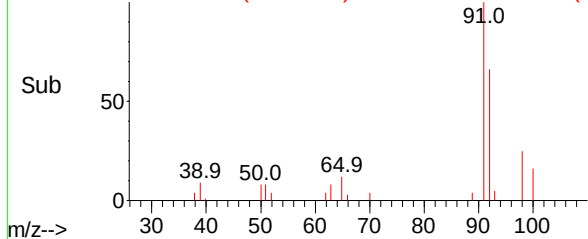


Toluene
Concen: 0.533 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045169.D
Acq: 06 Oct 2021 01:06

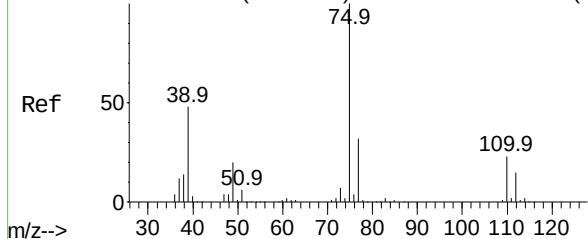
Tgt Ion: 91 Resp: 5557
Ion Ratio Lower Upper
91 100
92 65.7 40.5 75.1



Abundance Scan 2063 (7.973 min): VU045169.D\data.ms (-1970) (-)



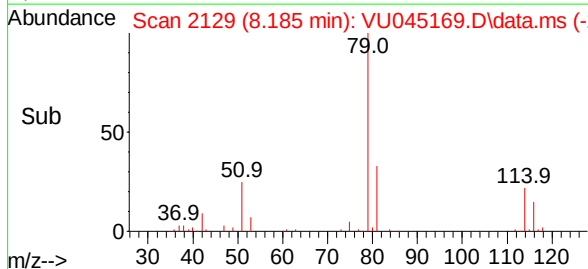
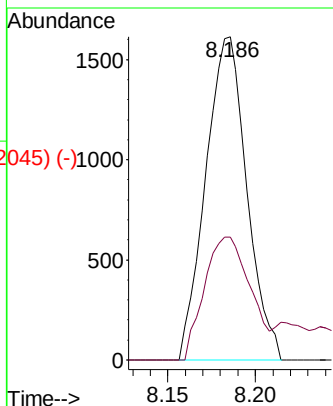
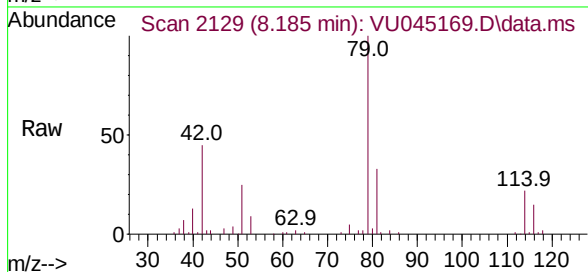
Abundance Scan 2138 (8.214 min): VU045134.D\data.ms (-21194-)



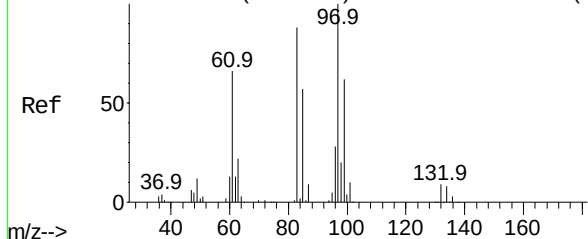
trans-1,3-Dichloropropene
Concen: 0.692 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU045169.D
Acq: 06 Oct 2021 01:06

Instrument :
MSVOA_U
ClientSampled :
F4A31

Tgt Ion: 75 Resp: 2631
Ion Ratio Lower Upper
75 100
77 38.1 21.7 40.3

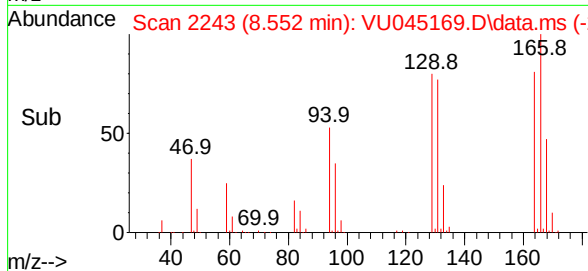
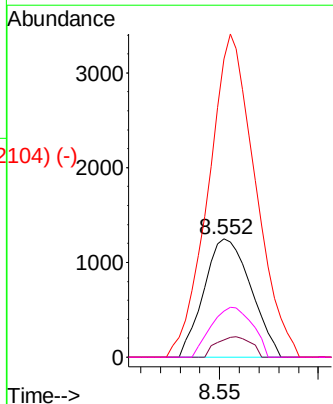
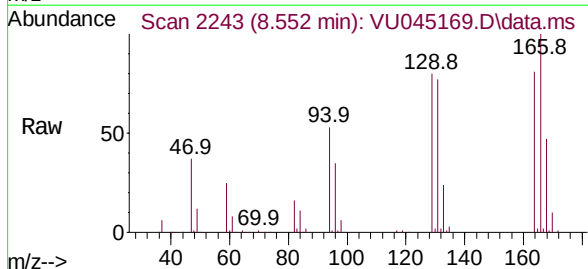


Abundance Scan 2197 (8.404 min): VU045134.D\data.ms (-21845-)

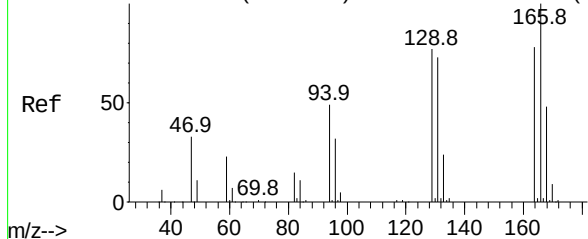


1,1,2-Trichloroethane
Concen: 0.815 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.148 min
Lab File: VU045169.D
Acq: 06 Oct 2021 01:06

Tgt Ion: 97 Resp: 2066
Ion Ratio Lower Upper
97 100
99 14.5 43.7 81.1#
83 252.2 61.9 115.1#
85 39.0 40.7 75.5#



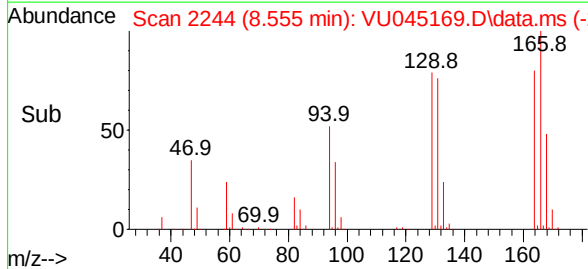
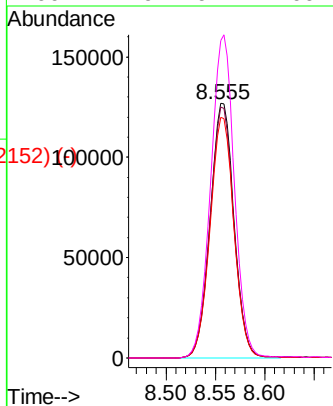
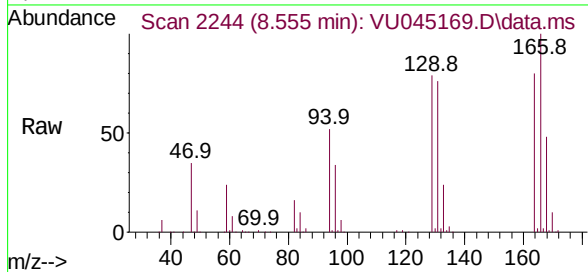
Abundance Scan 2245 (8.558 min): VU045134.D\data.ms (-2324) (-)



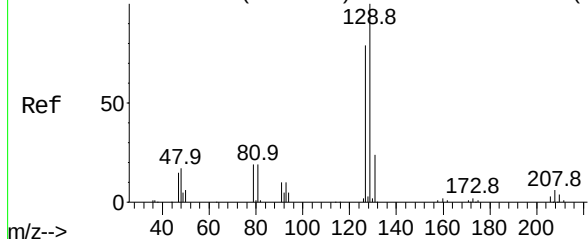
Tetrachloroethene
Concen: 121.323 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU045169.D
Acq: 06 Oct 2021 01:06

Instrument :
MSVOA_U
ClientSampled :
F4A31

Tgt Ion:	164	Resp:	213878
Ion	Ratio	Lower	Upper
164	100		
129	98.5	69.8	129.6
131	94.6	66.4	123.2
166	124.9	91.1	169.3

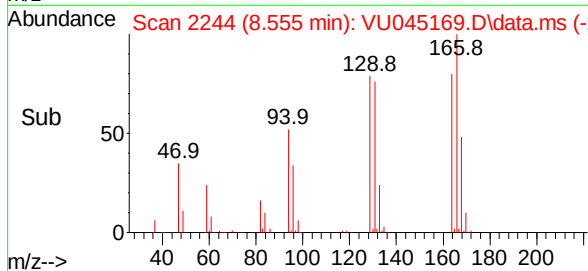
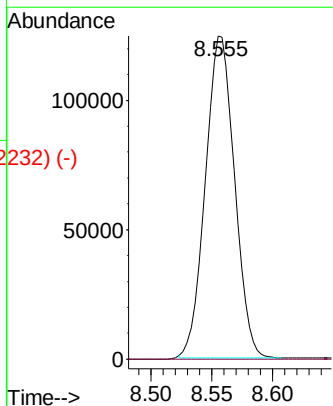
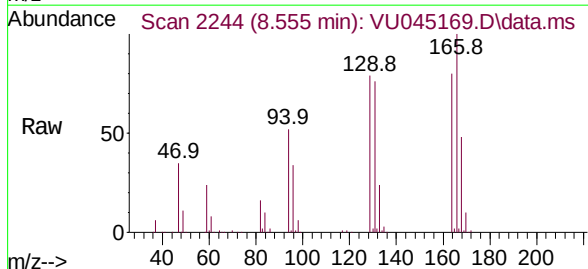


Abundance Scan 2325 (8.816 min): VU045134.D\data.ms (-2312) (-)

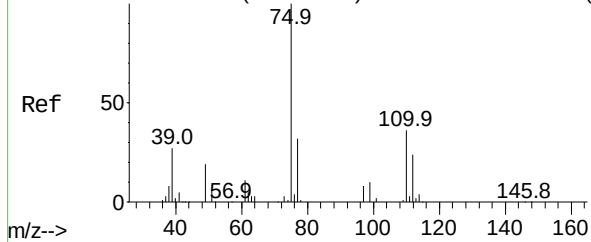


Dibromochloromethane
Concen: 82.812 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.260 min
Lab File: VU045169.D
Acq: 06 Oct 2021 01:06

Tgt Ion:	129	Resp:	207510
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.3	100.8#



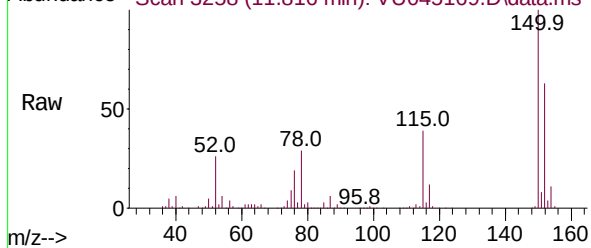
Abundance Scan 2950 (10.825 min): VU045134.D\data.ms (-2328) (-)



1,2,3-Trichloropropane
Concen: 4.841 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.990 min
Lab File: VU045169.D
Acq: 06 Oct 2021 01:06

Instrument :
MSVOA_U
ClientSampleId :
F4A31

Abundance Scan 3258 (11.816 min): VU045169.D\data.ms



Tgt Ion:	75	Resp:	16203
Ion	Ratio	Lower	Upper
75	100		
77	33.0	25.5	38.3
110	1.5	29.0	43.4#

Abundance Scan 3258 (11.816 min): VU045169.D\data.ms (-2328) (-)

