

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
 Data File : VU045166.D
 Acq On : 05 Oct 2021 23:56
 Operator : SY/MD
 Sample : M3996-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A42

Quant Time: Oct 06 04:39:23 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)

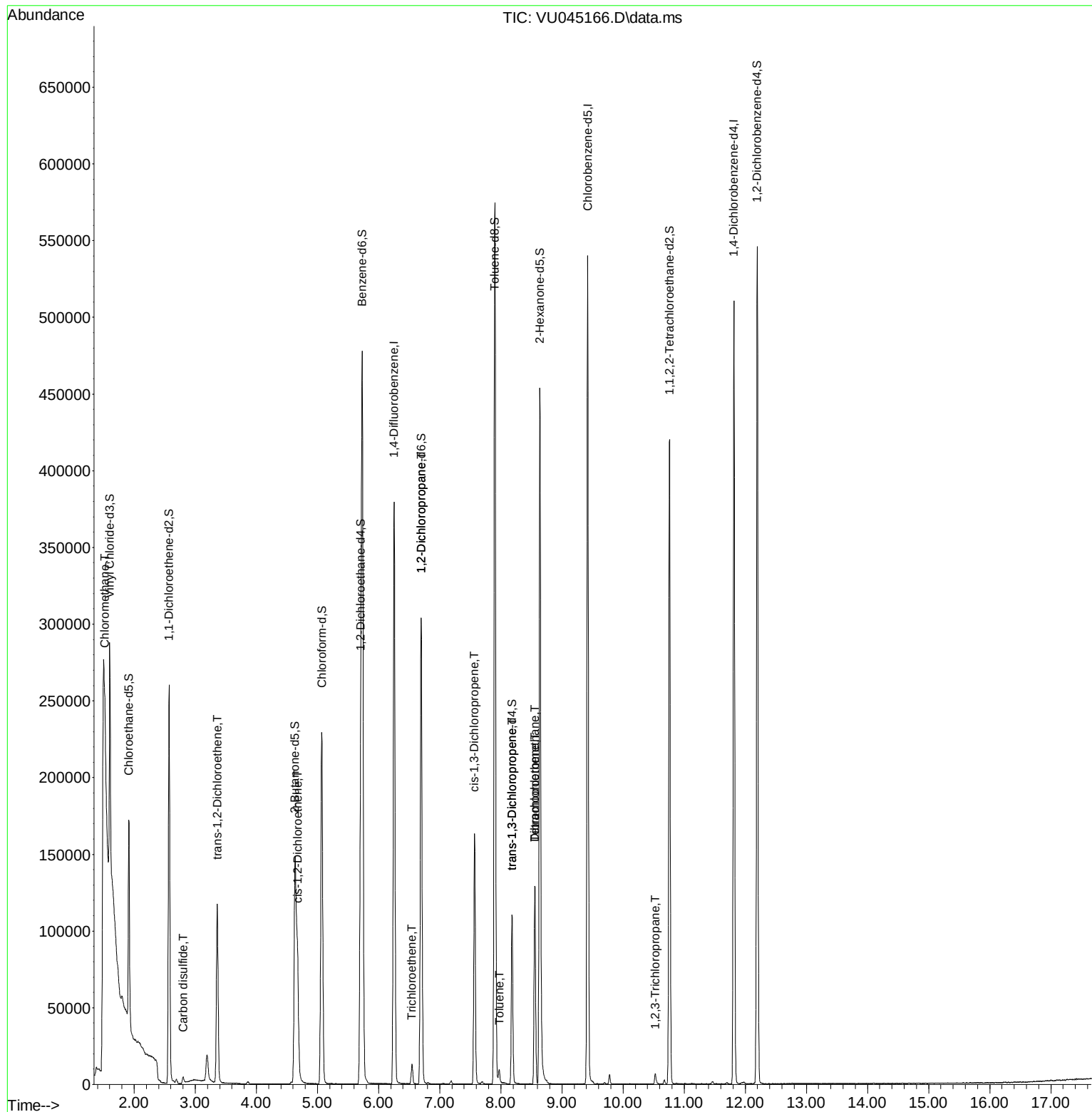
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	294842	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	282064	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	127069	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	107273	33.236	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	66.480%	
7) Chloroethane-d5	1.912	69	99055	38.728	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	77.460%	
11) 1,1-Dichloroethene-d2	2.571	63	155733	28.731	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	57.460%#	
21) 2-Butanone-d5	4.633	46	233793	91.622	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	91.620%	
24) Chloroform-d	5.070	84	207651	40.734	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	81.460%	
26) 1,2-Dichloroethane-d4	5.706	65	147105	42.602	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	85.200%	
32) Benzene-d6	5.732	84	425006	43.423	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	86.840%	
36) 1,2-Dichloropropane-d6	6.697	67	137625	43.124	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	86.240%	
41) Toluene-d8	7.902	98	367576	43.518	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	87.040%	
43) trans-1,3-Dichloroprop...	8.182	79	60739	42.785	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	85.580%	
47) 2-Hexanone-d5	8.639	63	162692	91.991	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	91.990%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	209844	42.226	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	84.460%	
66) 1,2-Dichlorobenzene-d4	12.195	152	132483	47.908	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	95.820%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.517	50	16712	4.749	ug/L #	50
14) Carbon disulfide	2.800	76	6606	0.903	ug/L	97
17) trans-1,2-Dichloroethene	3.359	96	47229	19.636	ug/L	97
20) cis-1,2-Dichloroethene	4.674	96	29374	11.083	ug/L	92
34) Trichloroethene	6.546	95	4136	1.646	ug/L	94
37) 1,2-Dichloropropane	6.697	63	16187	5.683	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3747	0.919	ug/L #	58
42) Toluene	7.973	91	5694	0.536	ug/L	88
44) trans-1,3-Dichloropropene	8.182	75	2708	0.699	ug/L #	78
46) Tetrachloroethene	8.555	164	27280	15.189	ug/L	98
49) Dibromochloromethane	8.555	129	26944	10.554	ug/L #	11
60) 1,2,3-Trichloropropane	10.526	75	4471	1.272	ug/L #	41

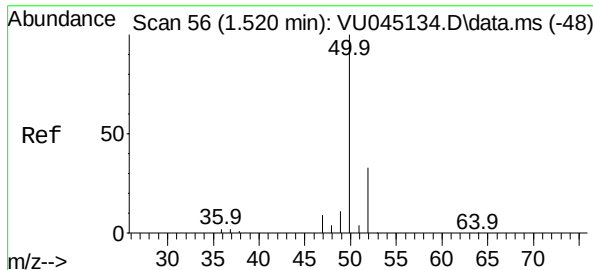
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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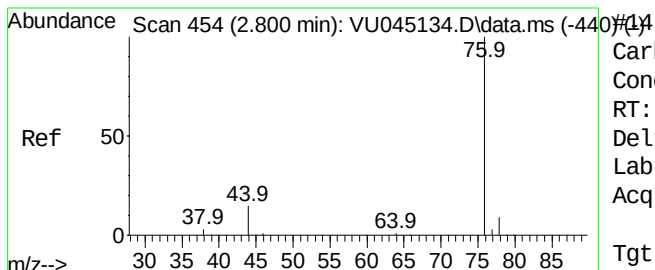
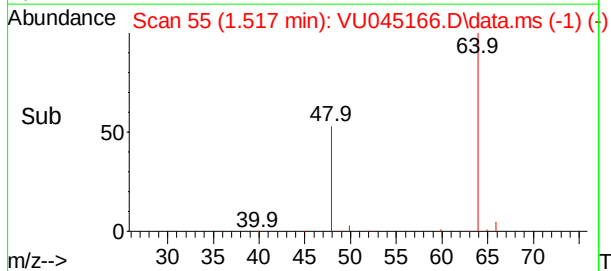
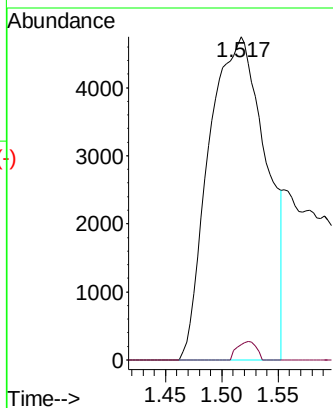
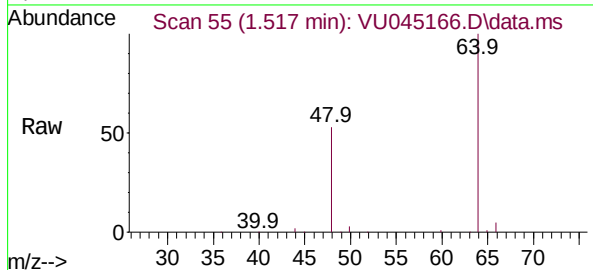




Chloromethane
 Concen: 4.749 ug/L
 RT: 1.517 min Scan# 55
 Delta R.T. -0.003 min
 Lab File: VU045166.D
 Acq: 05 Oct 2021 23:56

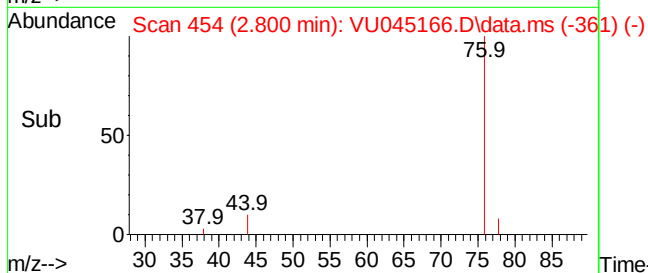
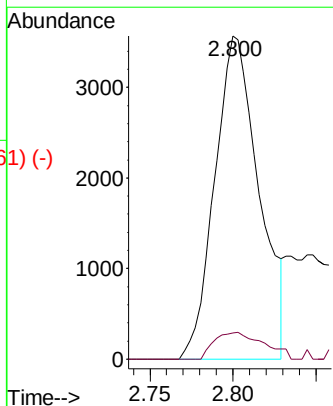
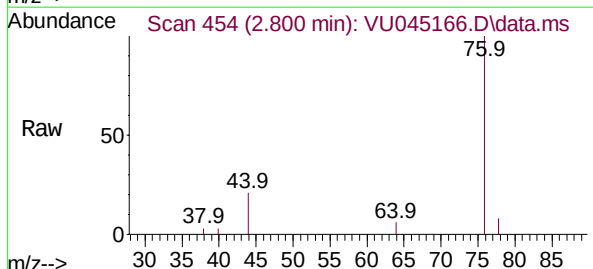
Instrument :
 MSVOA_U
 ClientSampled :
 F4A42

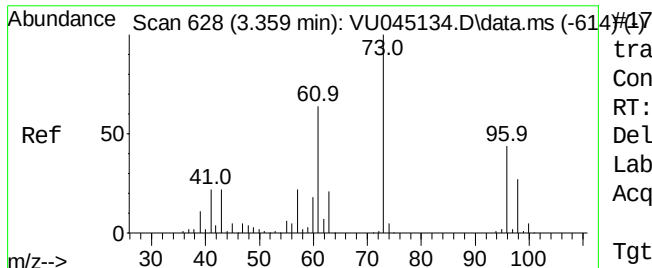
Tgt Ion: 50 Resp: 16712
 Ion Ratio Lower Upper
 50 100
 52 4.8 23.0 42.8#



Carbon disulfide
 Concen: 0.903 ug/L
 RT: 2.800 min Scan# 454
 Delta R.T. -0.000 min
 Lab File: VU045166.D
 Acq: 05 Oct 2021 23:56

Tgt Ion: 76 Resp: 6606
 Ion Ratio Lower Upper
 76 100
 78 8.1 7.3 10.9

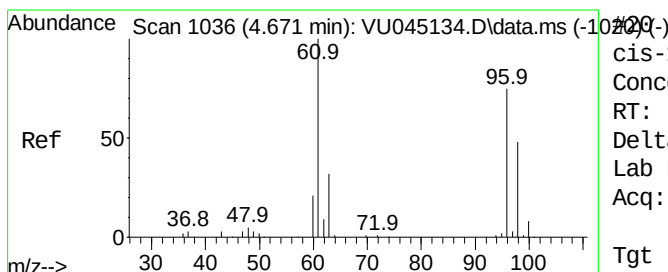
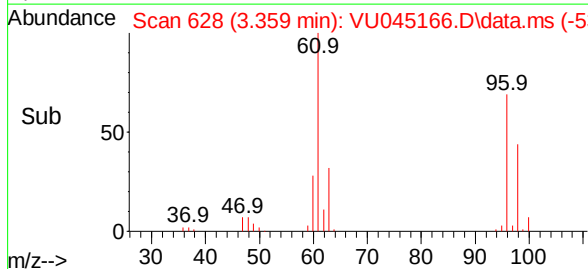
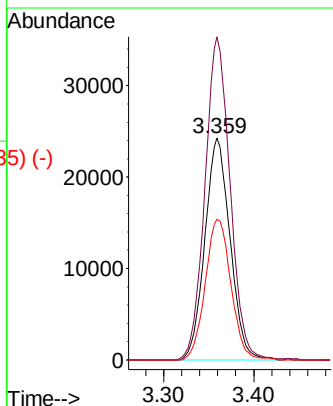
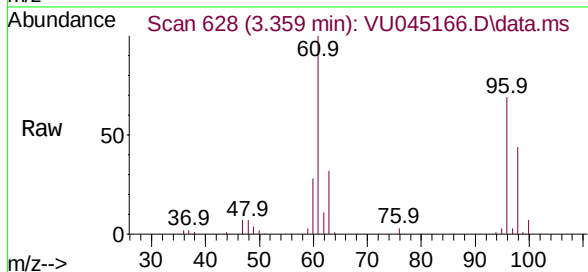




trans-1,2-Dichloroethene
Concen: 19.636 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU045166.D
Acq: 05 Oct 2021 23:56

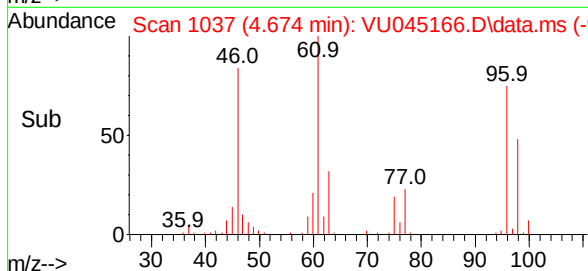
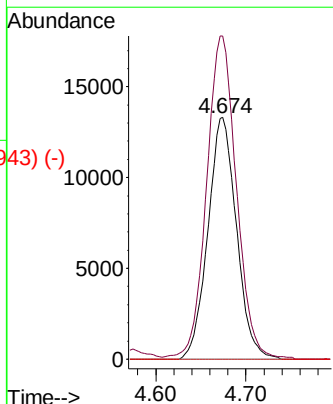
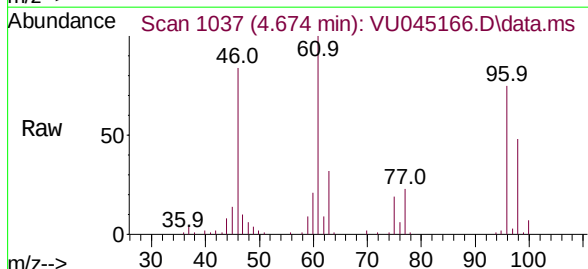
Instrument :
MSVOA_U
ClientSampled :
F4A42

Tgt Ion:	96	Resp:	47229
Ion	Ratio	Lower	Upper
96	100		
61	145.6	105.1	195.3
98	63.5	43.0	79.8

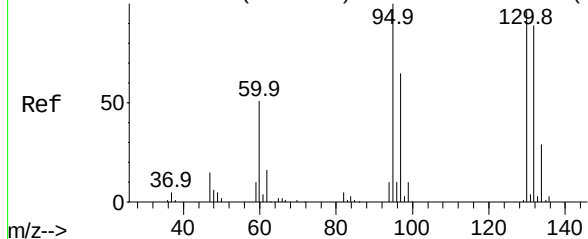


cis-1,2-Dichloroethene
Concen: 11.083 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VU045166.D
Acq: 05 Oct 2021 23:56

Tgt Ion:	96	Resp:	29374
Ion	Ratio	Lower	Upper
96	100		
61	133.6	100.2	186.0
68	0.0	0.0	0.0

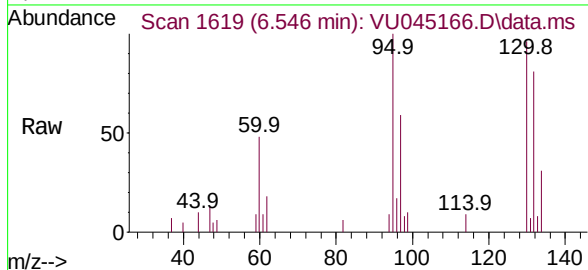


Abundance Scan 1619 (6.546 min): VU045134.D\data.ms (-16034-)

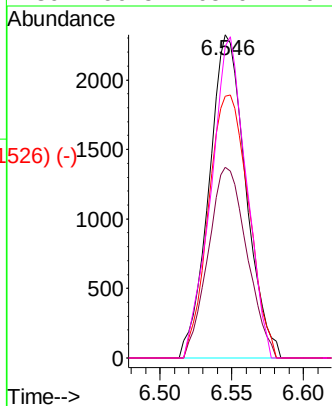
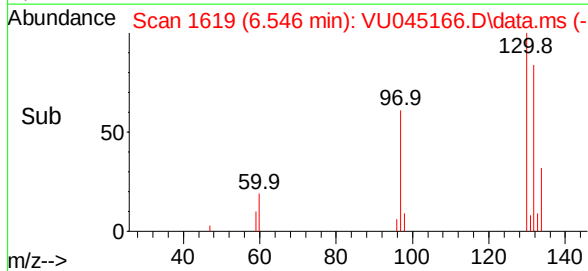


Trichloroethene
Concen: 1.646 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045166.D
Acq: 05 Oct 2021 23:56

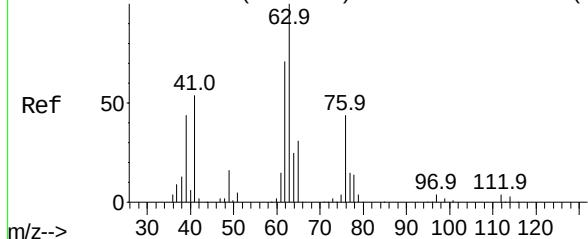
Instrument :
MSVOA_U
ClientSampled :
F4A42



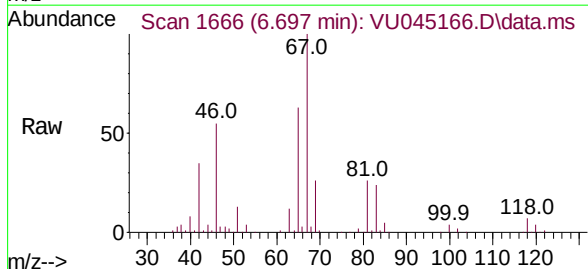
Tgt Ion	Ratio	Lower	Upper
95	100		
97	59.1	44.4	82.4
132	81.0	62.9	116.9
130	96.5	65.0	120.8



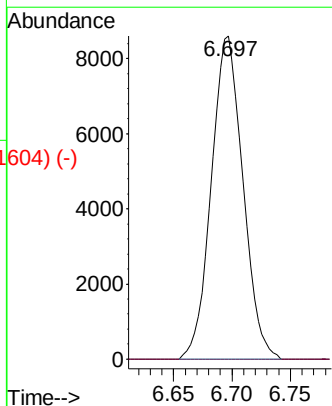
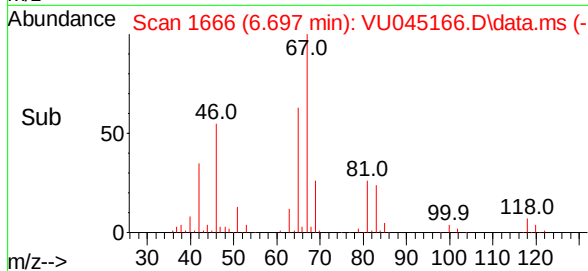
Abundance Scan 1697 (6.796 min): VU045134.D\data.ms (-16037-)



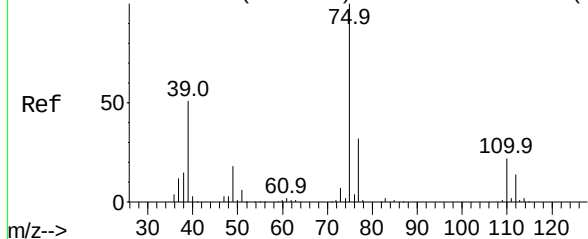
1,2-Dichloropropane
Concen: 5.683 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU045166.D
Acq: 05 Oct 2021 23:56



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



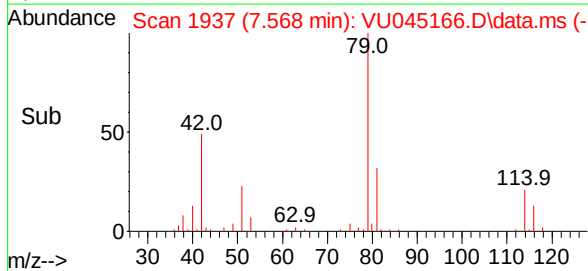
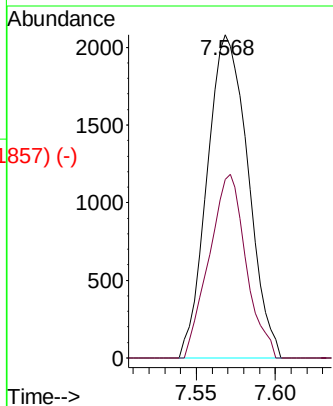
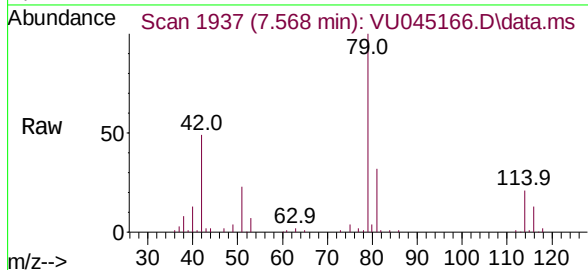
Abundance Scan 1950 (7.610 min): VU045134.D\data.ms (-1928) (-)



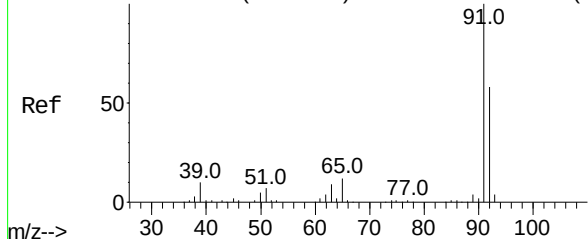
cis-1,3-Dichloropropene
Concen: 0.919 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU045166.D
Acq: 05 Oct 2021 23:56

Instrument :
MSVOA_U
ClientSampled :
F4A42

Tgt Ion: 75 Resp: 3747
Ion Ratio Lower Upper
75 100
77 55.2 22.4 41.6#

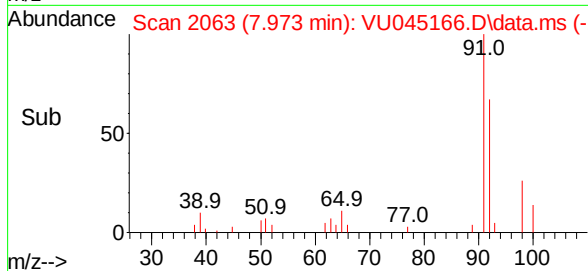
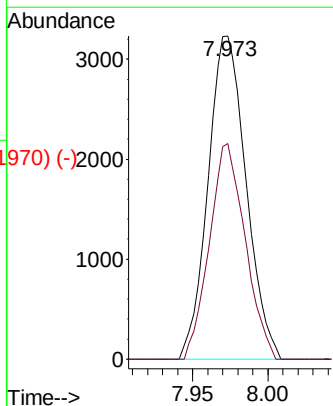
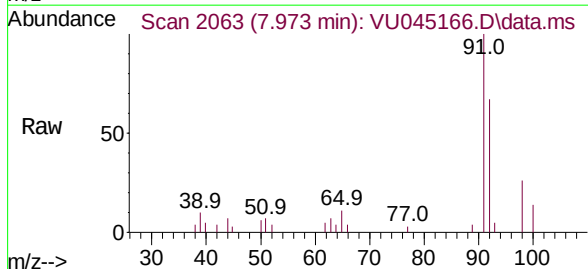


Abundance Scan 2063 (7.973 min): VU045134.D\data.ms (-2042) (-)

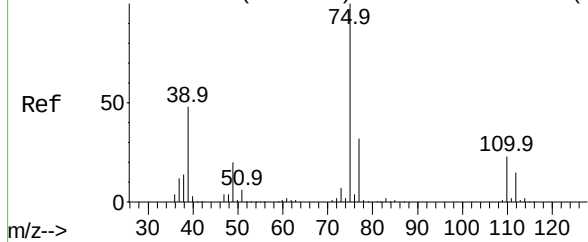


Toluene
Concen: 0.536 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045166.D
Acq: 05 Oct 2021 23:56

Tgt Ion: 91 Resp: 5694
Ion Ratio Lower Upper
91 100
92 66.8 40.5 75.1



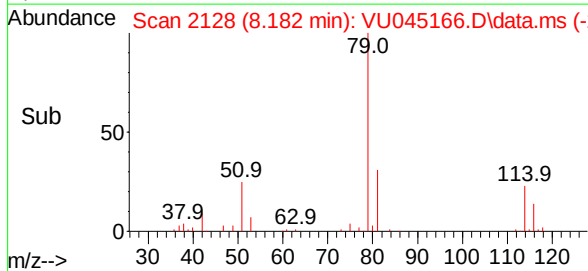
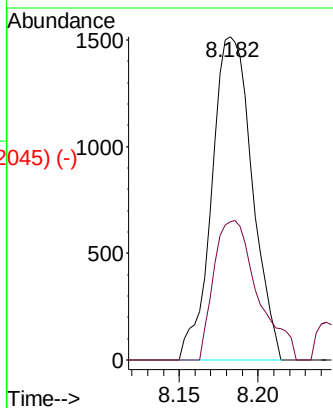
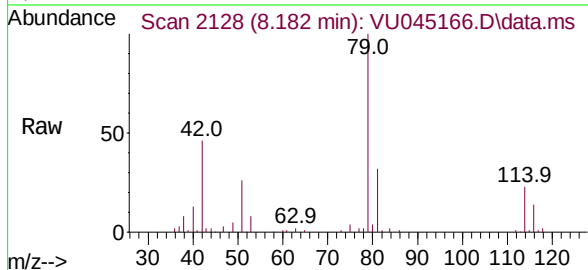
Abundance Scan 2138 (8.214 min): VU045134.D\data.ms (-21194-)



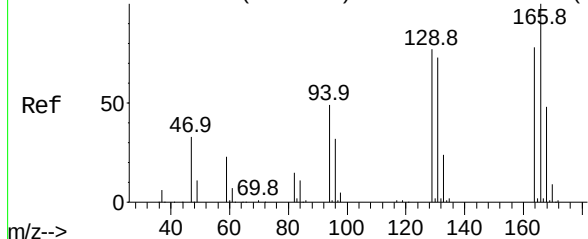
trans-1,3-Dichloropropene
Concen: 0.699 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU045166.D
Acq: 05 Oct 2021 23:56

Instrument :
MSVOA_U
ClientSampled :
F4A42

Tgt Ion: 75 Resp: 2708
Ion Ratio Lower Upper
75 100
77 42.8 21.7 40.3#

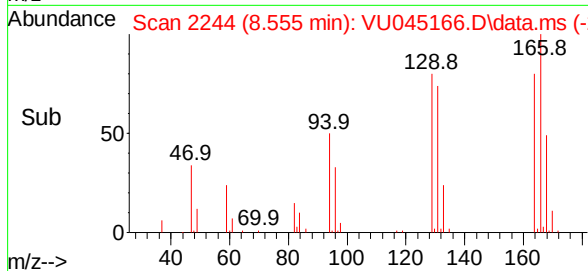
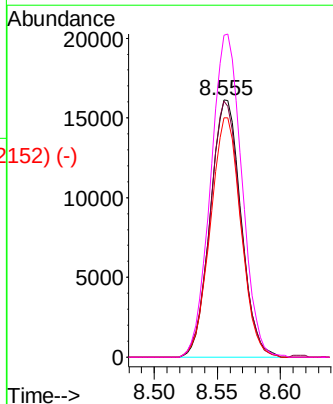
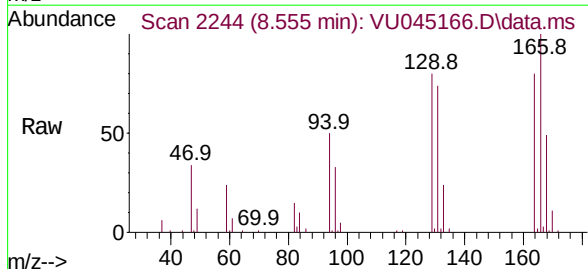


Abundance Scan 2245 (8.558 min): VU045134.D\data.ms (-22326-)

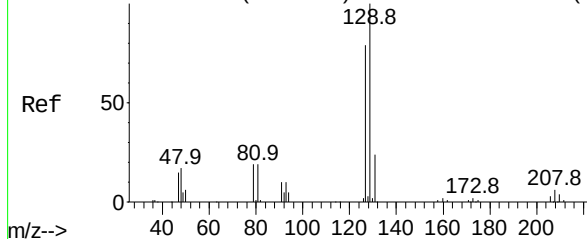


Tetrachloroethene
Concen: 15.189 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU045166.D
Acq: 05 Oct 2021 23:56

Tgt Ion:164 Resp: 27280
Ion Ratio Lower Upper
164 100
129 99.7 69.8 129.6
131 93.2 66.4 123.2
166 125.2 91.1 169.3



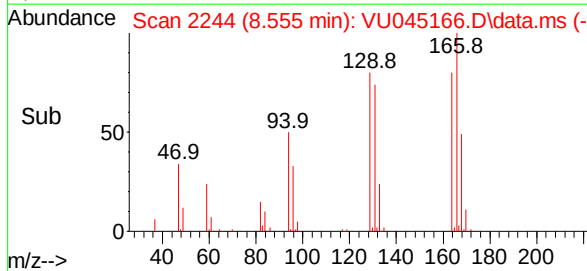
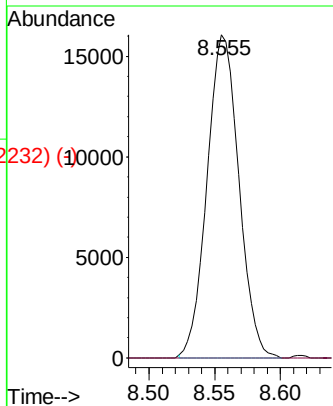
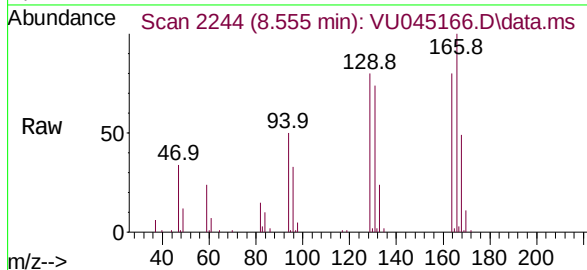
Abundance Scan 2325 (8.816 min): VU045134.D\data.ms (-2312) (-)



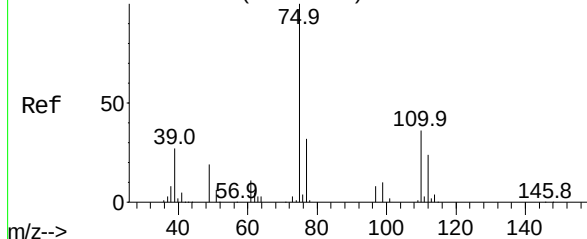
Dibromochloromethane
Concen: 10.554 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.260 min
Lab File: VU045166.D
Acq: 05 Oct 2021 23:56

Instrument :
MSVOA_U
ClientSampled :
F4A42

Tgt Ion:129 Resp: 26944
Ion Ratio Lower Upper
129 100
127 0.0 54.3 100.8#

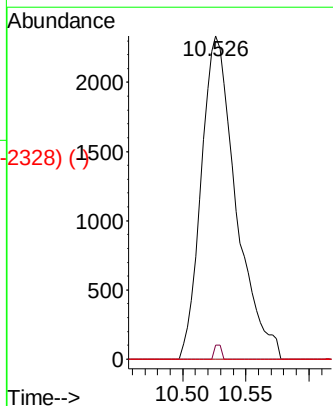
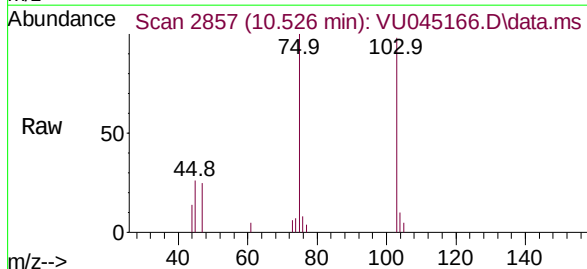


Abundance Scan 2950 (10.825 min): VU045134.D\data.ms (-2950) (-)



1,2,3-Trichloropropane
Concen: 1.272 ug/L
RT: 10.526 min Scan# 2857
Delta R.T. -0.299 min
Lab File: VU045166.D
Acq: 05 Oct 2021 23:56

Tgt Ion: 75 Resp: 4471
Ion Ratio Lower Upper
75 100
77 0.9 25.5 38.3#
110 0.0 29.0 43.4#



Abundance Scan 2857 (10.526 min): VU045166.D\data.ms (-2328) (-)

