

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042121\
 Data File : VU043257.D
 Acq On : 21 Apr 2021 17:56
 Operator : SY/MD
 Sample : M2088-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 22 04:44:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 22 04:40:57 2021
 Response via : Initial Calibration

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

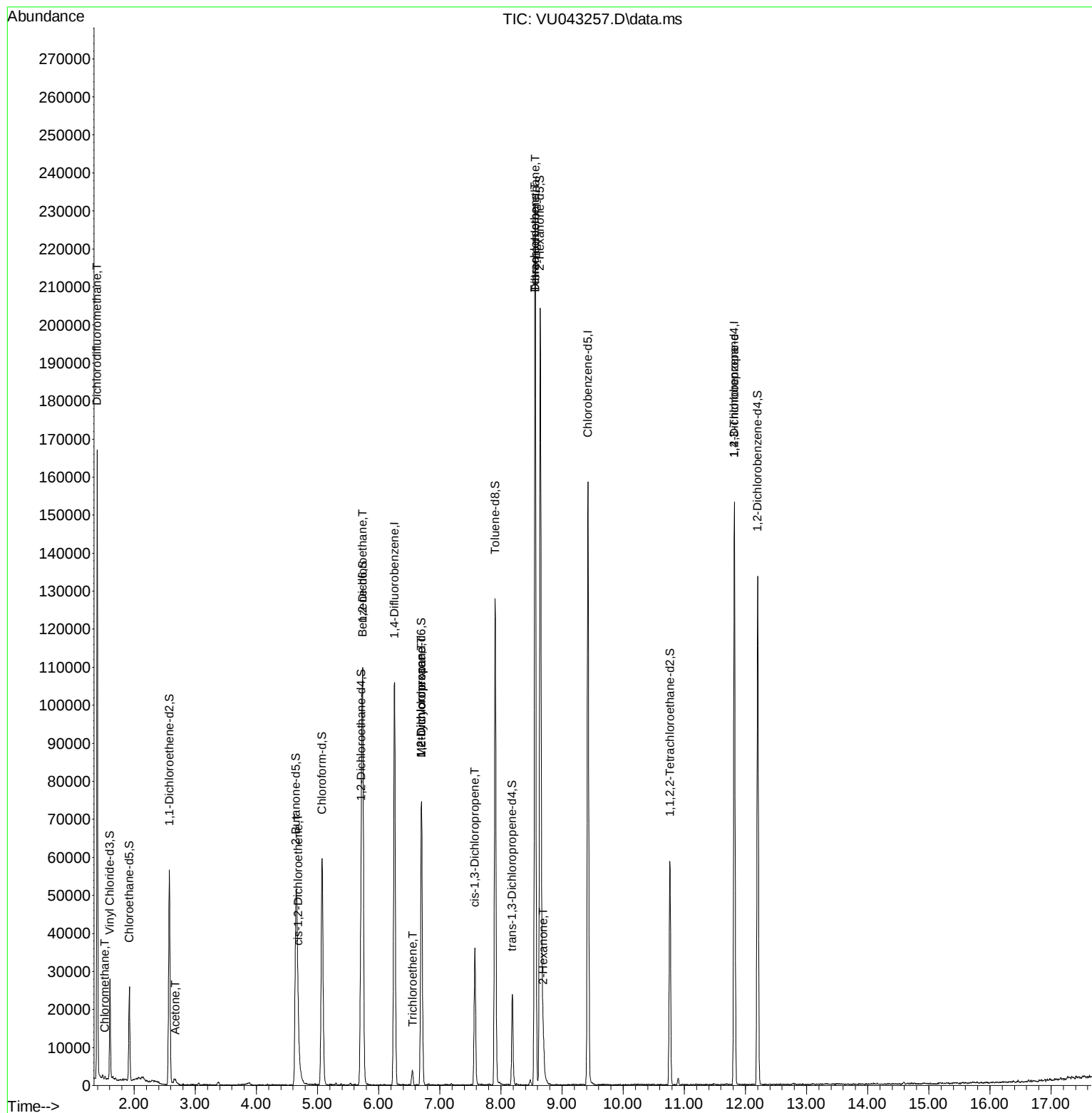
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	78609	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	79313	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	37181	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	16731	4.19	ug/L	0.00
Spiked Amount 5.000	Range 40	- 130	Recovery	=	83.80%	
7) Chloroethane-d5	1.919	69	16102	4.28	ug/L	0.00
Spiked Amount 5.000	Range 65	- 130	Recovery	=	85.60%	
11) 1,1-Dichloroethene-d2	2.575	65	10942	4.73	ug/L	0.00
Spiked Amount 5.000	Range 60	- 125	Recovery	=	94.60%	
20) 2-Butanone-d5	4.649	46	105748	60.32	ug/L	-0.01
Spiked Amount 50.000	Range 40	- 130	Recovery	=	120.64%	
24) Chloroform-d	5.073	84	52212	5.14	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	102.80%	
26) 1,2-Dichloroethane-d4	5.713	65	34091	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	99.20%	
32) Benzene-d6	5.739	84	90455	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	98.00%	
36) 1,2-Dichloropropane-d6	6.700	67	31604	5.16	ug/L	0.00
Spiked Amount 5.000	Range 60	- 140	Recovery	=	103.20%	
41) Toluene-d8	7.906	98	77895	4.06	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	81.20%	
43) trans-1,3-Dichloroprop...	8.185	79	12166	4.50	ug/L	0.00
Spiked Amount 5.000	Range 55	- 130	Recovery	=	90.00%	
46) 2-Hexanone-d5	8.642	63	63891	47.37	ug/L	0.00
Spiked Amount 50.000	Range 45	- 130	Recovery	=	94.74%	
56) 1,1,2,2-Tetrachloroeth...	10.764	84	27266	5.06	ug/L	0.00
Spiked Amount 5.000	Range 65	- 120	Recovery	=	101.20%	
66) 1,2-Dichlorobenzene-d4	12.201	152	32074	5.03	ug/L	0.00
Spiked Amount 5.000	Range 80	- 120	Recovery	=	100.60%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.395	85	1715	0.34	ug/L	95
3) Chloromethane	1.520	50	405	0.08	ug/L	87
13) Acetone	2.678	43	1682	1.31	ug/L	93
22) cis-1,2-Dichloroethene	4.681	96	936	0.17	ug/L	98
27) 1,2-Dichloroethane	5.735	62	623	0.08	ug/L #	74
34) Trichloroethene	6.555	95	1231	0.21	ug/L	95
35) Methylcyclohexane	6.700	83	7405	0.92	ug/L #	19
37) 1,2-Dichloropropane	6.700	63	3880	0.65	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	940	0.11	ug/L #	66
47) Tetrachloroethene	8.558	164	48633	10.50	ug/L	92
48) 2-Hexanone	8.693	43	6317	1.61	ug/L #	73
49) Dibromochloromethane	8.562	129	44493	7.90	ug/L #	9
61) 1,2,3-Trichloropropane	11.819	75	4984	1.30	ug/L #	62

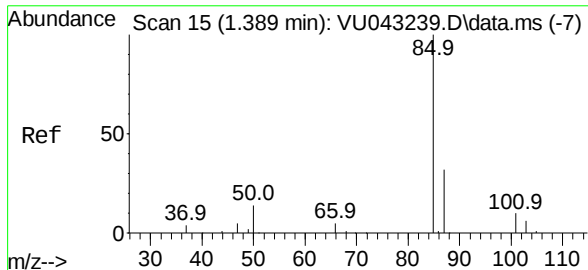
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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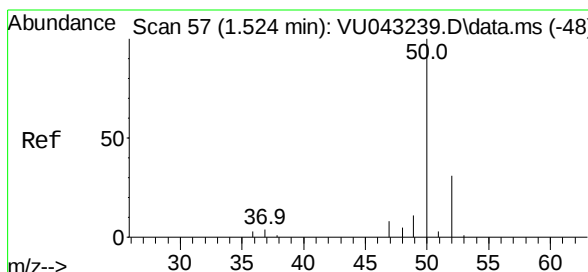
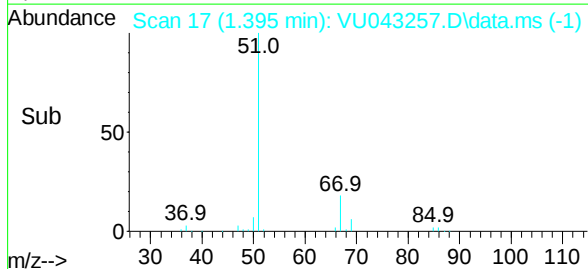
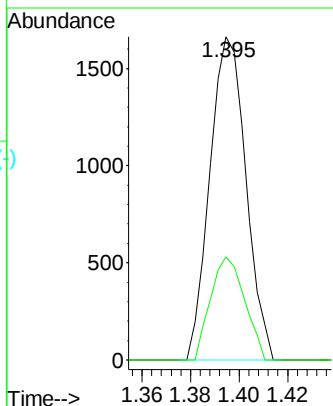
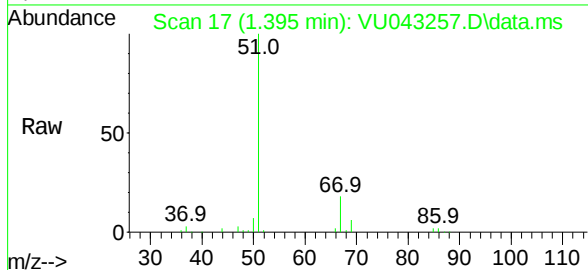




Dichlorodifluoromethane
 Concen: 0.34 ug/L
 RT: 1.395 min Scan# 17
 Delta R.T. 0.006 min
 Lab File: VU043257.D
 Acq: 21 Apr 2021 17:56

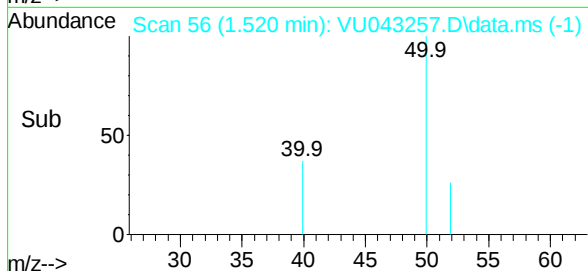
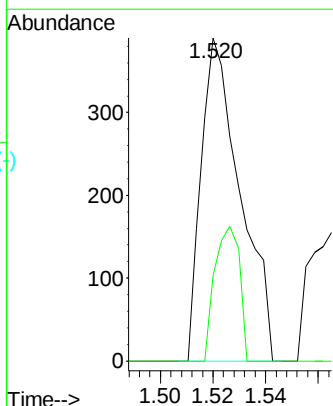
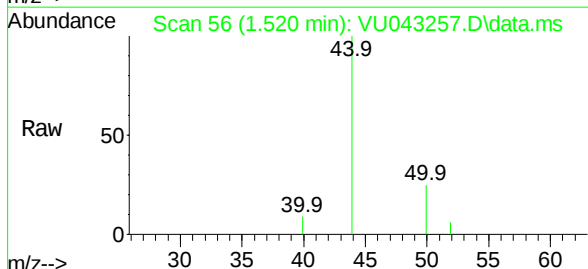
Instrument :
 MSVOA_U
 ClientSampled :

Tgt Ion: 85 Resp: 1715
 Ion Ratio Lower Upper
 85 100
 87 30.0 26.3 39.5

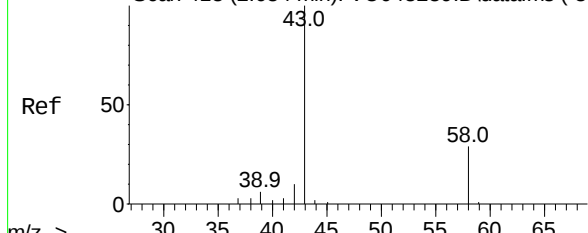


Chloromethane
 Concen: 0.08 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. -0.004 min
 Lab File: VU043257.D
 Acq: 21 Apr 2021 17:56

Tgt Ion: 50 Resp: 405
 Ion Ratio Lower Upper
 50 100
 52 26.4 23.6 43.8



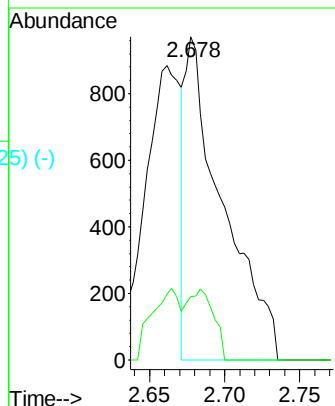
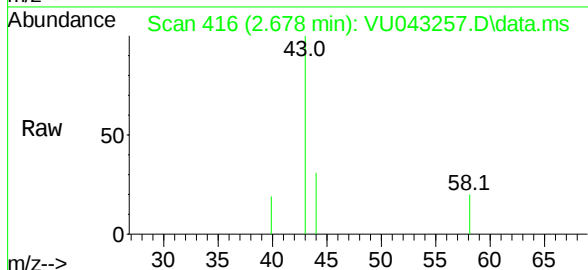
Abundance Scan 418 (2.684 min): VU043239.D\data.ms (-397) #13



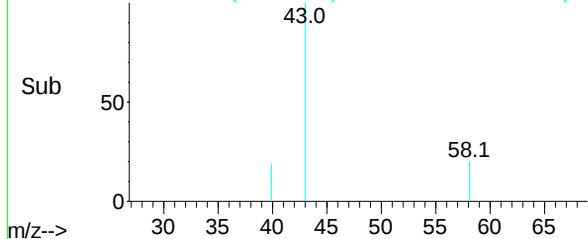
Acetone
Concen: 1.31 ug/L
RT: 2.678 min Scan# 416
Delta R.T. -0.007 min
Lab File: VU043257.D
Acq: 21 Apr 2021 17:56

Instrument :
MSVOA_U
ClientSampled :

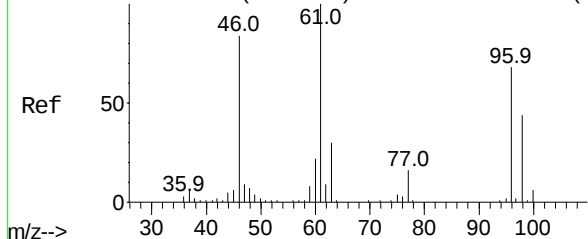
Tgt Ion: 43 Resp: 1682
Ion Ratio Lower Upper
43 100
58 15.4 0.0 25.0



Abundance Scan 416 (2.678 min): VU043257.D\data.ms (-325) (-)

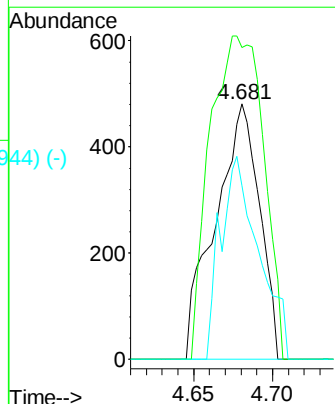
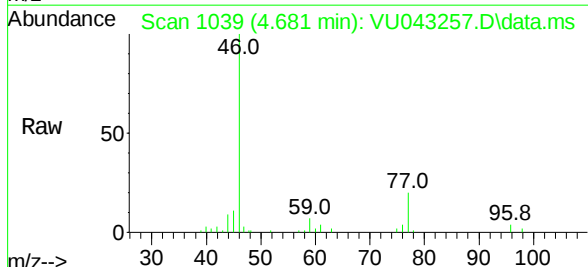


Abundance Scan 1037 (4.675 min): VU043239.D\data.ms (-1022) #22

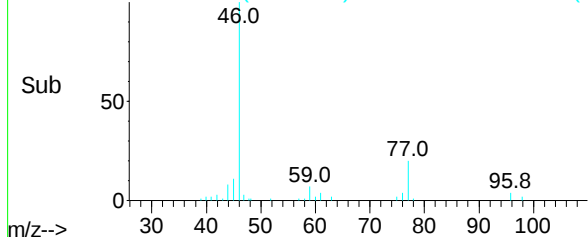


cis-1,2-Dichloroethene
Concen: 0.17 ug/L
RT: 4.681 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VU043257.D
Acq: 21 Apr 2021 17:56

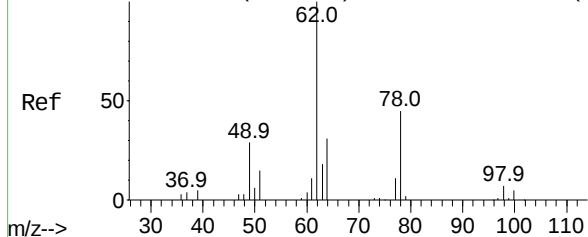
Tgt Ion: 96 Resp: 936
Ion Ratio Lower Upper
96 100
61 122.0 87.4 162.4
98 68.0 47.7 88.5



Abundance Scan 1039 (4.681 min): VU043257.D\data.ms (-944) (-)



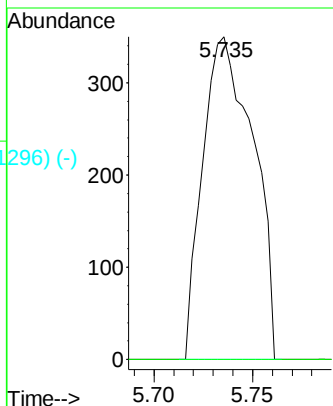
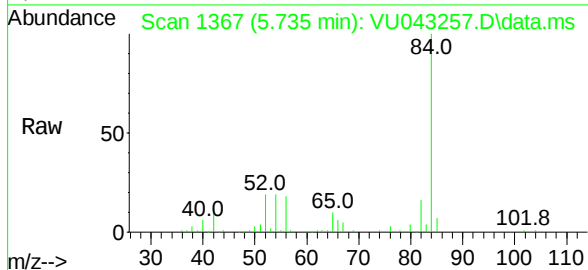
Abundance Scan 1389 (5.806 min): VU043239.D\data.ms (-13727-)



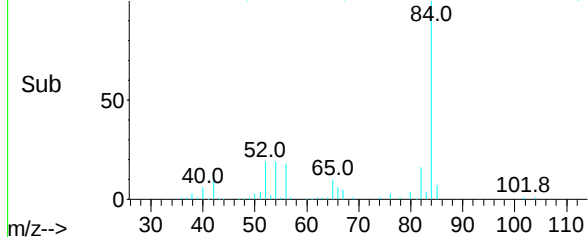
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.071 min
Lab File: VU043257.D
Acq: 21 Apr 2021 17:56

Instrument :
MSVOA_U
ClientSampled :

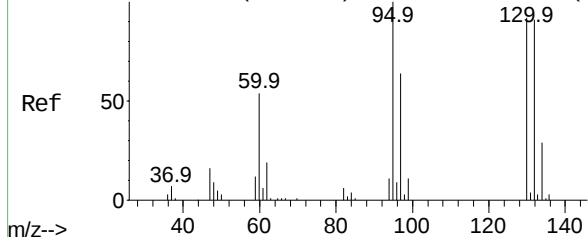
Tgt Ion: 62 Resp: 623
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#



Abundance Scan 1367 (5.735 min): VU043257.D\data.ms (-1296 -)

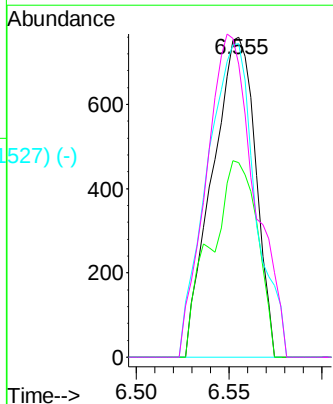
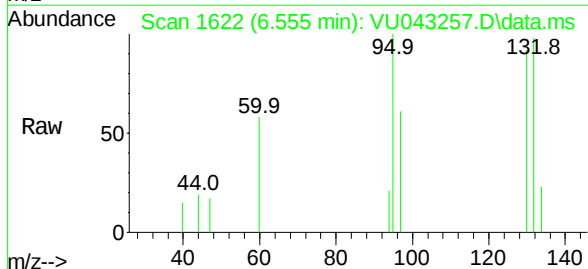


Abundance Scan 1620 (6.549 min): VU043239.D\data.ms (-16624-)

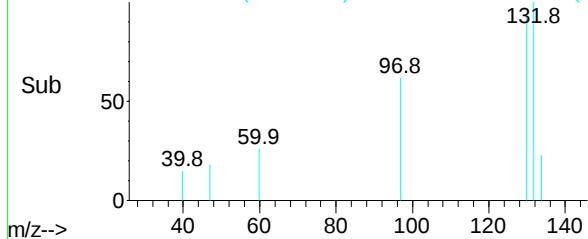


Trichloroethene
Concen: 0.21 ug/L
RT: 6.555 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VU043257.D
Acq: 21 Apr 2021 17:56

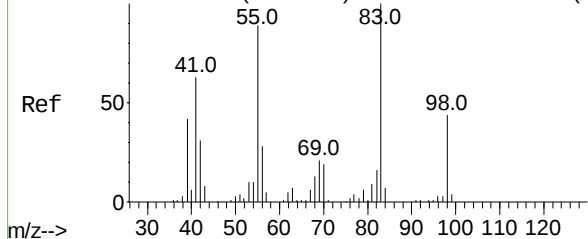
Tgt Ion: 95 Resp: 1231
Ion Ratio Lower Upper
95 100
97 60.7 45.8 85.2
132 98.0 68.7 127.7
130 91.6 70.1 130.3



Abundance Scan 1622 (6.555 min): VU043257.D\data.ms (-1527 -)



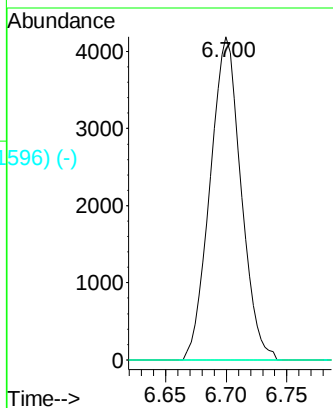
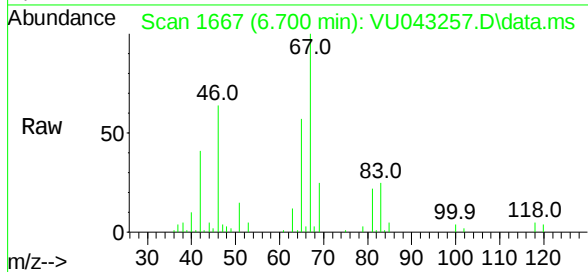
Abundance Scan 1689 (6.771 min): VU043239.D\data.ms (-16785-)



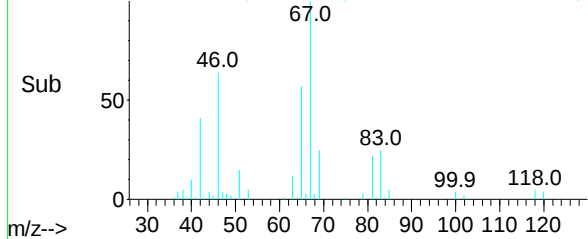
Methylcyclohexane
Concen: 0.92 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043257.D
Acq: 21 Apr 2021 17:56

Instrument :
MSVOA_U
ClientSampled :

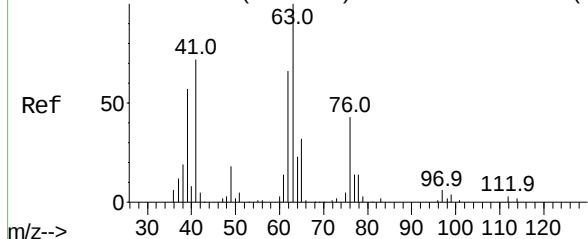
Tgt Ion:	83	Resp:	7405
Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	0.0	37.9	56.9#



Abundance Scan 1667 (6.700 min): VU043257.D\data.ms (-1596-)

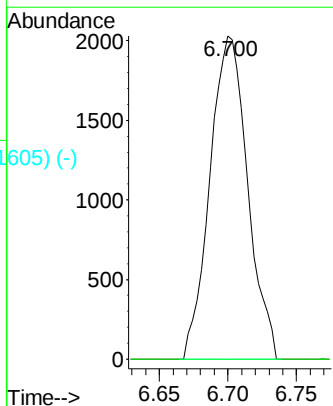
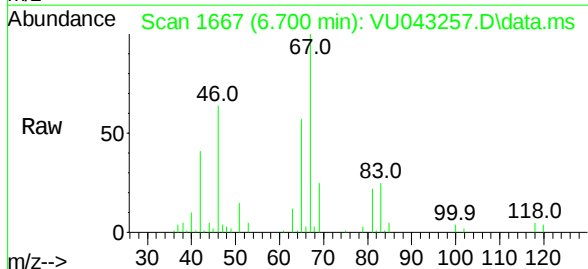


Abundance Scan 1698 (6.800 min): VU043239.D\data.ms (-16607-)

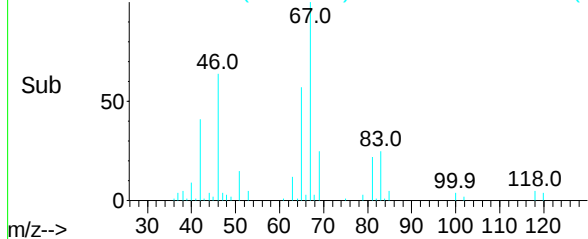


1,2-Dichloropropane
Concen: 0.65 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043257.D
Acq: 21 Apr 2021 17:56

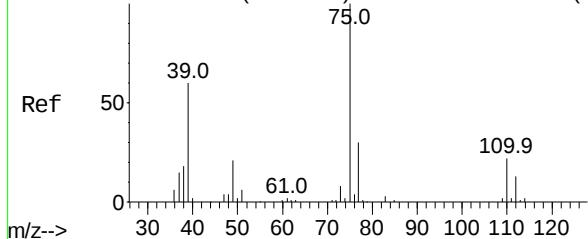
Tgt Ion:	63	Resp:	3880
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



Abundance Scan 1667 (6.700 min): VU043257.D\data.ms (-1605-)



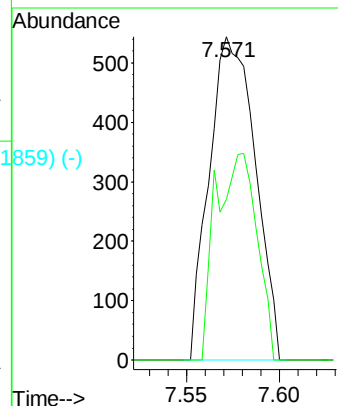
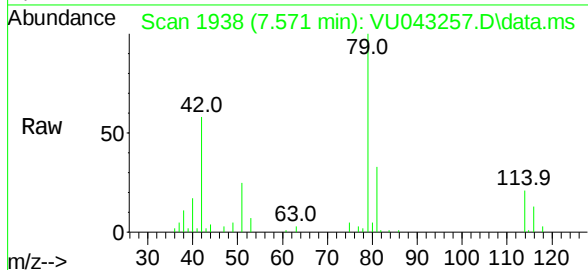
Abundance Scan 1952 (7.617 min): VU043239.D\data.ms (-1938)



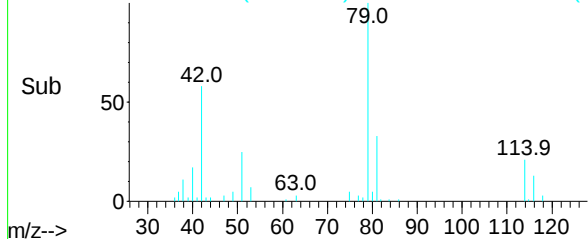
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU043257.D
Acq: 21 Apr 2021 17:56

Instrument :
MSVOA_U
ClientSampled :

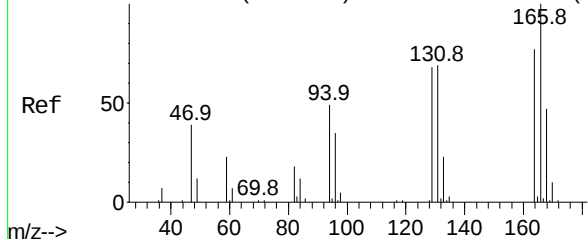
Tgt Ion: 75 Resp: 940
Ion Ratio Lower Upper
75 100
77 49.8 21.8 40.6#



Abundance Scan 1938 (7.571 min): VU043257.D\data.ms (-1959)

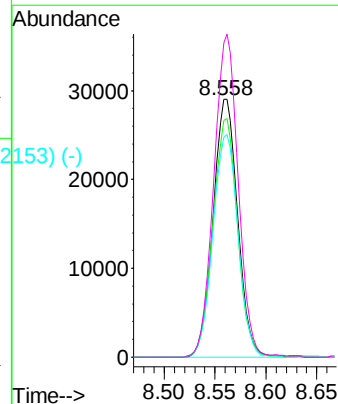
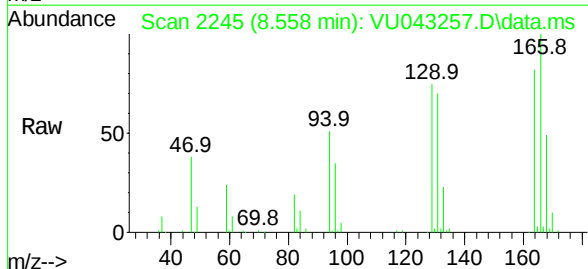


Abundance Scan 2246 (8.562 min): VU043239.D\data.ms (-2239)

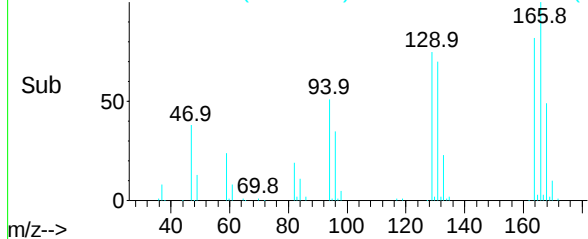


Tetrachloroethene
Concen: 10.50 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.004 min
Lab File: VU043257.D
Acq: 21 Apr 2021 17:56

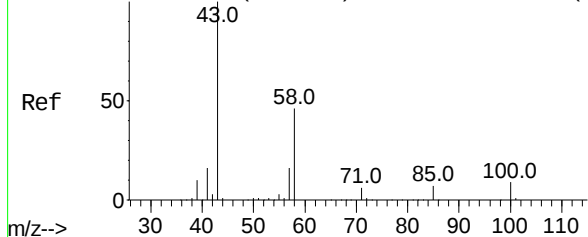
Tgt Ion:164 Resp: 48633
Ion Ratio Lower Upper
164 100
129 91.8 66.6 123.8
131 85.3 65.9 122.3
166 121.9 93.7 173.9



Abundance Scan 2245 (8.558 min): VU043257.D\data.ms (-2153)



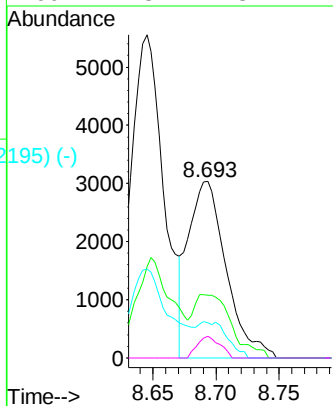
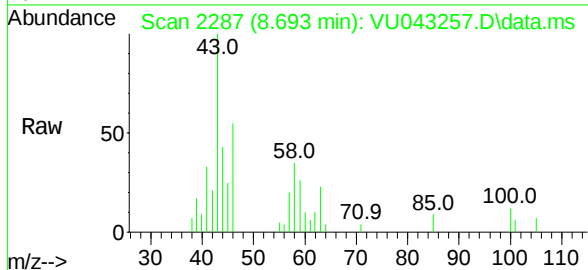
Abundance Scan 2288 (8.697 min): VU043239.D\data.ms (-2279) (-)



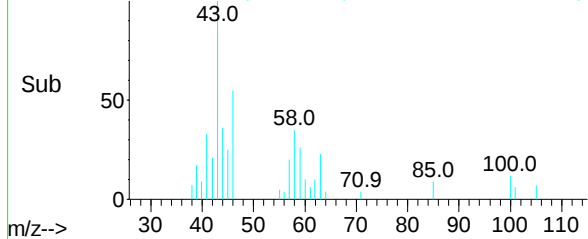
2-Hexanone
Concen: 1.61 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. -0.004 min
Lab File: VU043257.D
Acq: 21 Apr 2021 17:56

Instrument :
MSVOA_U
ClientSampled :

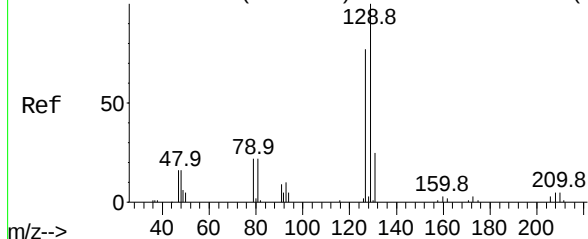
Tgt Ion:	43	Resp:	6317
Ion	Ratio	Lower	Upper
43	100		
58	36.3	50.0	75.0#
57	15.1	17.4	26.0#
100	7.3	11.8	17.8#



Abundance Scan 2287 (8.693 min): VU043257.D\data.ms (-2195) (-)

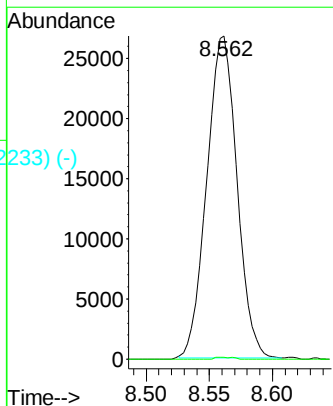
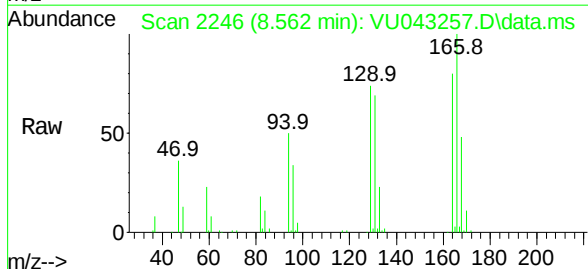


Abundance Scan 2326 (8.819 min): VU043239.D\data.ms (-2319) (-)

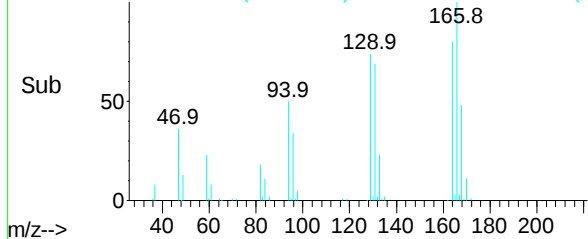


Dibromochloromethane
Concen: 7.90 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.258 min
Lab File: VU043257.D
Acq: 21 Apr 2021 17:56

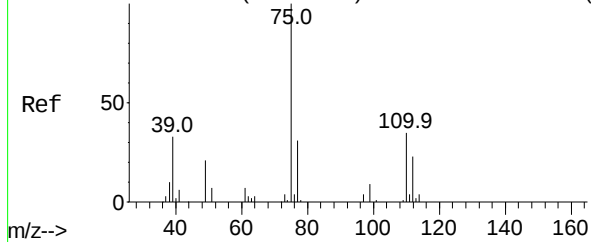
Tgt Ion:	129	Resp:	44493
Ion	Ratio	Lower	Upper
129	100		
127	0.5	56.6	105.2#



Abundance Scan 2246 (8.562 min): VU043257.D\data.ms (-2233) (-)

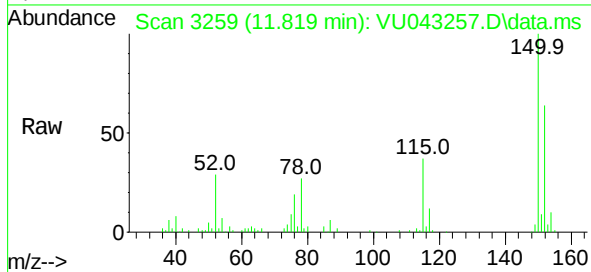


Abundance Scan 2951 (10.829 min): VU043239.D\data.ms (-2951) (-)



1,2,3-Trichloropropane
Concen: 1.30 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.990 min
Lab File: VU043257.D
Acq: 21 Apr 2021 17:56

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	75	Resp:	4984
Ion	Ratio	Lower	Upper
75	100		
110	0.0	31.5	47.3#
77	36.5	26.3	39.5

