

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042121\
 Data File : VU043258.D
 Acq On : 21 Apr 2021 18:20
 Operator : SY/MD
 Sample : M2088-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 22 04:45:10 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)

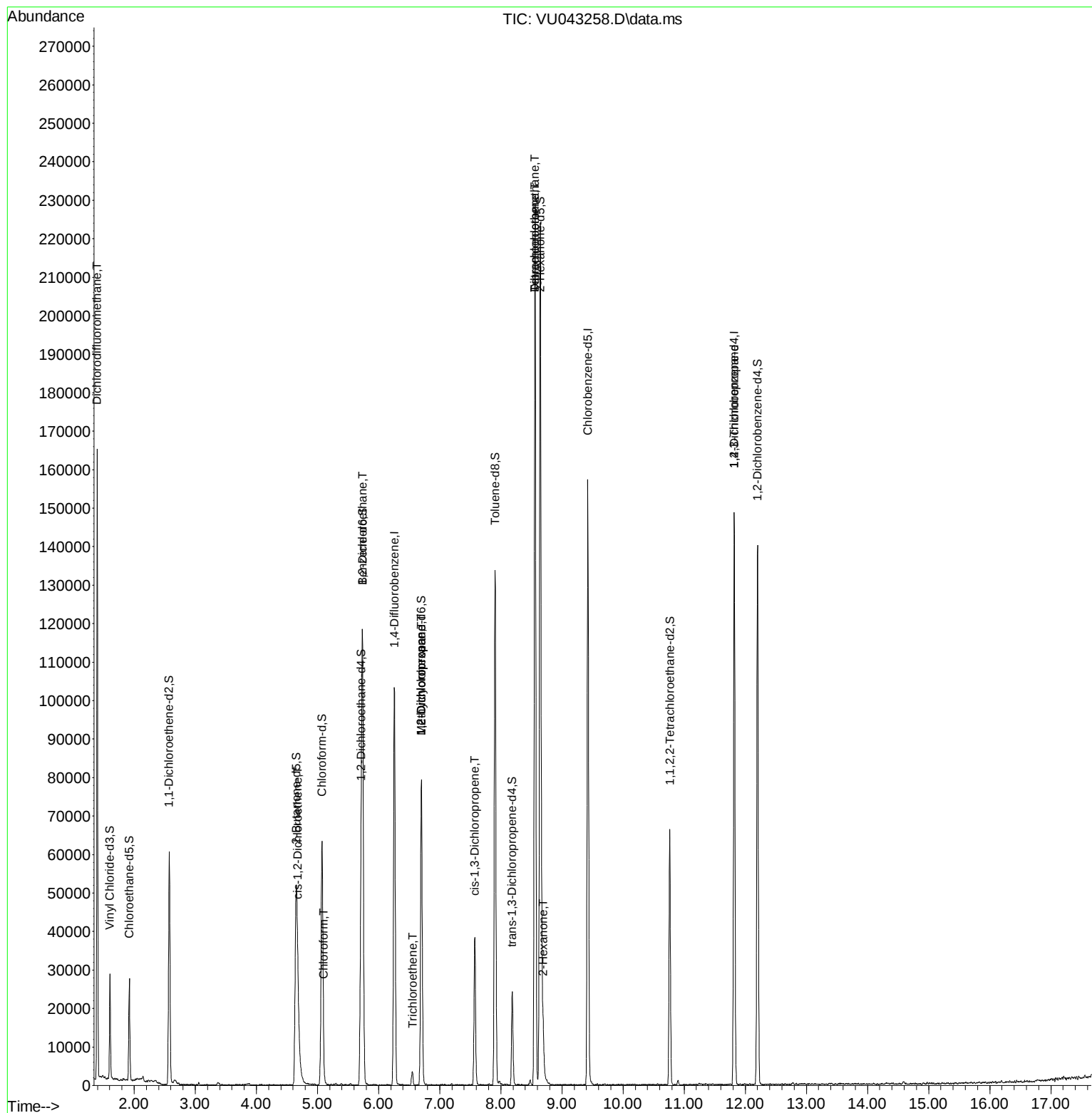
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	76896	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	78767	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	35797	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	17810	4.56	ug/L	0.00
Spiked Amount 5.000	Range 40	- 130	Recovery	=	91.20%	
7) Chloroethane-d5	1.919	69	17124	4.65	ug/L	0.00
Spiked Amount 5.000	Range 65	- 130	Recovery	=	93.00%	
11) 1,1-Dichloroethene-d2	2.575	65	11631	5.14	ug/L	0.00
Spiked Amount 5.000	Range 60	- 125	Recovery	=	102.80%	
20) 2-Butanone-d5	4.652	46	114205	66.59	ug/L	-0.01
Spiked Amount 50.000	Range 40	- 130	Recovery	=	133.18%#	
24) Chloroform-d	5.073	84	55471	5.58	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	111.60%	
26) 1,2-Dichloroethane-d4	5.713	65	36814	5.48	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	109.60%	
32) Benzene-d6	5.735	84	97846	5.33	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	106.60%	
36) 1,2-Dichloropropane-d6	6.700	67	33252	5.47	ug/L	0.00
Spiked Amount 5.000	Range 60	- 140	Recovery	=	109.40%	
41) Toluene-d8	7.906	98	81934	4.30	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	86.00%	
43) trans-1,3-Dichloroprop...	8.185	79	12749	4.75	ug/L	0.00
Spiked Amount 5.000	Range 55	- 130	Recovery	=	95.00%	
46) 2-Hexanone-d5	8.645	63	70673	52.76	ug/L	0.00
Spiked Amount 50.000	Range 45	- 130	Recovery	=	105.52%	
56) 1,1,2,2-Tetrachloroeth...	10.764	84	29527	5.52	ug/L	0.00
Spiked Amount 5.000	Range 65	- 120	Recovery	=	110.40%	
66) 1,2-Dichlorobenzene-d4	12.201	152	35303	5.75	ug/L	0.00
Spiked Amount 5.000	Range 80	- 120	Recovery	=	115.00%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.395	85	1957	0.40	ug/L	100
22) cis-1,2-Dichloroethene	4.674	96	991	0.18	ug/L	92
25) Chloroform	5.099	83	1732	0.16	ug/L	89
27) 1,2-Dichloroethane	5.735	62	645	0.08	ug/L #	74
34) Trichloroethene	6.555	95	1092	0.19	ug/L	88
35) Methylcyclohexane	6.700	83	7829	0.98	ug/L #	19
37) 1,2-Dichloropropane	6.700	63	4147	0.70	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	1011	0.12	ug/L #	81
47) Tetrachloroethene	8.562	164	47747	10.38	ug/L	96
48) 2-Hexanone	8.693	43	6449	1.65	ug/L #	77
49) Dibromochloromethane	8.558	129	43883	7.85	ug/L #	9
61) 1,2,3-Trichloropropane	11.819	75	4750	1.28	ug/L #	59

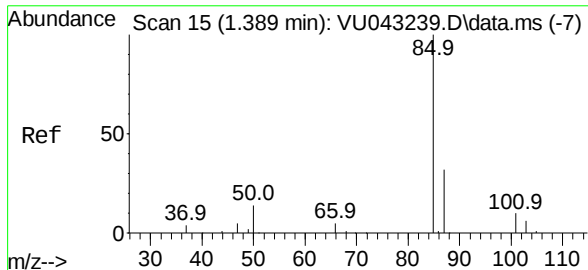
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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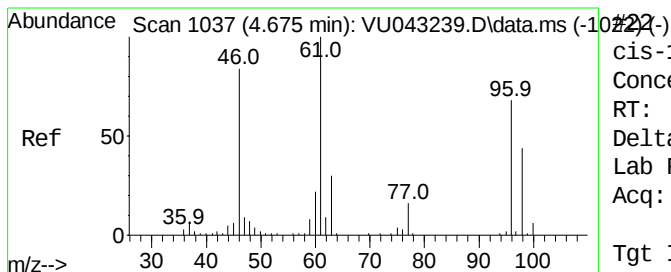
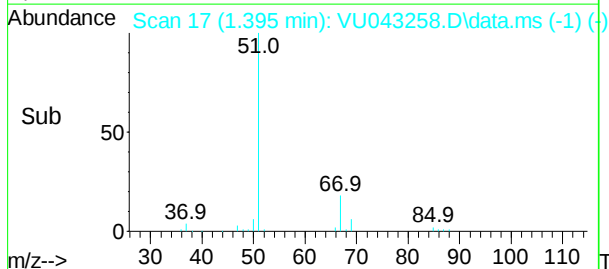
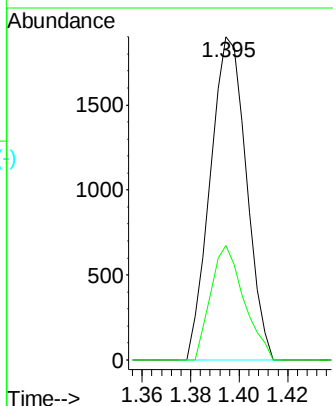
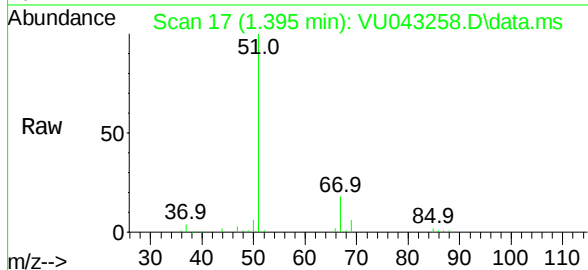




Dichlorodifluoromethane
Concen: 0.40 ug/L
RT: 1.395 min Scan# 17
Delta R.T. 0.006 min
Lab File: VU043258.D
Acq: 21 Apr 2021 18:20

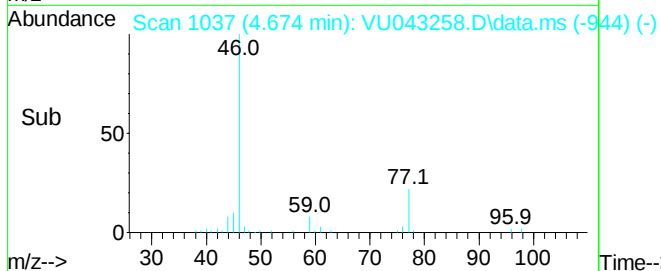
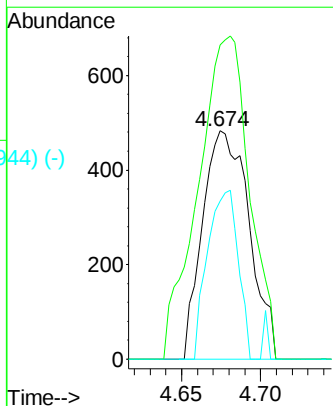
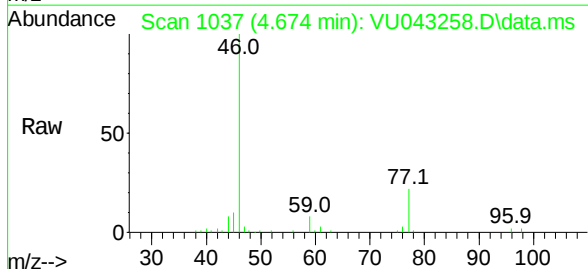
Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 85 Resp: 1957
Ion Ratio Lower Upper
85 100
87 32.7 26.3 39.5

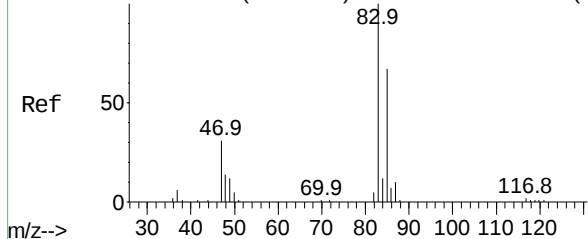


cis-1,2-Dichloroethene
Concen: 0.18 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU043258.D
Acq: 21 Apr 2021 18:20

Tgt Ion: 96 Resp: 991
Ion Ratio Lower Upper
96 100
61 137.4 87.4 162.4
98 69.0 47.7 88.5



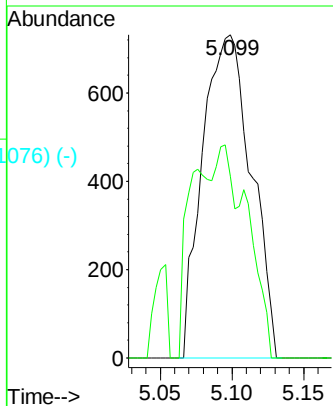
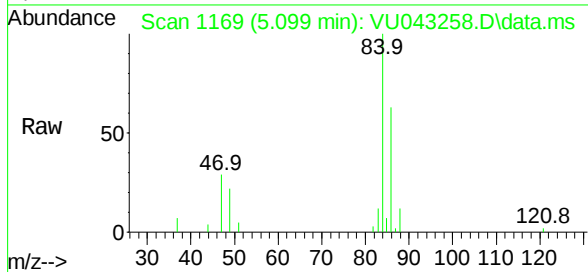
Abundance Scan 1169 (5.099 min): VU043239.D\data.ms (-11525-)



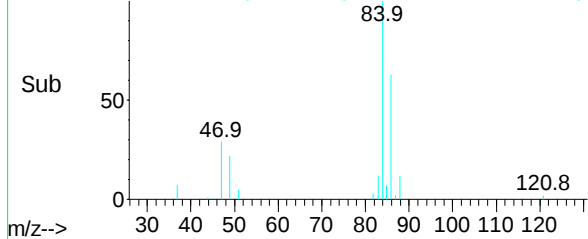
Chloroform
Concen: 0.16 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043258.D
Acq: 21 Apr 2021 18:20

Instrument :
MSVOA_U
ClientSampled :

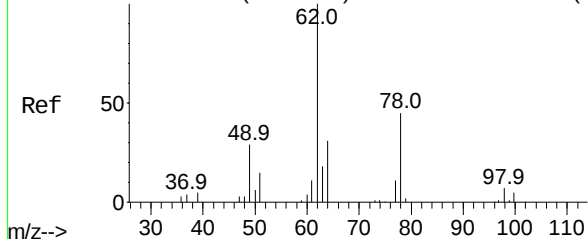
Tgt Ion: 83 Resp: 1732
Ion Ratio Lower Upper
83 100
85 56.1 45.6 84.8



Abundance Scan 1169 (5.099 min): VU043258.D\data.ms (-1076-)

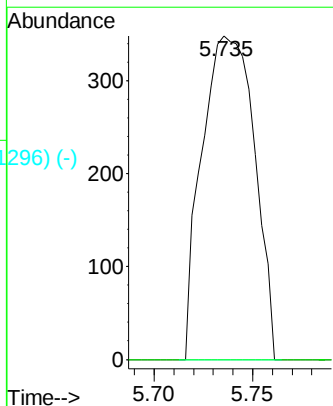
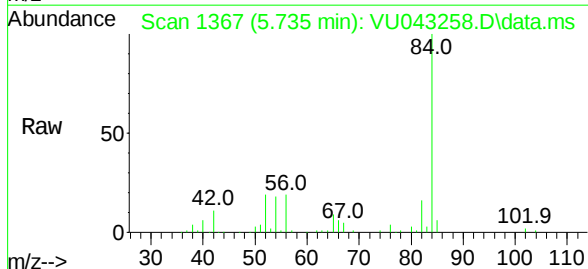


Abundance Scan 1389 (5.806 min): VU043239.D\data.ms (-13727-)

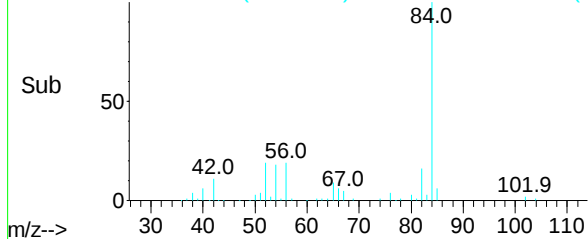


1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.071 min
Lab File: VU043258.D
Acq: 21 Apr 2021 18:20

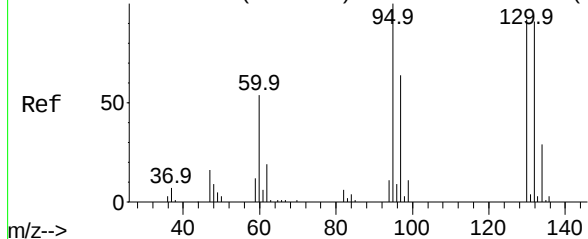
Tgt Ion: 62 Resp: 645
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#



Abundance Scan 1367 (5.735 min): VU043258.D\data.ms (-1296-)

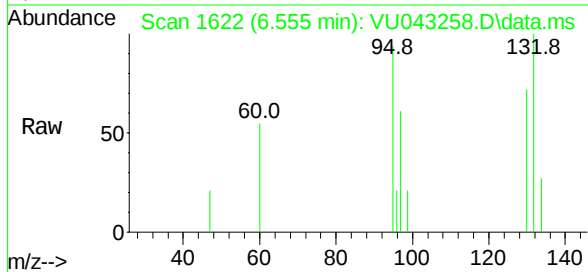


Abundance Scan 1620 (6.549 min): VU043239.D\data.ms (-1620) (-)

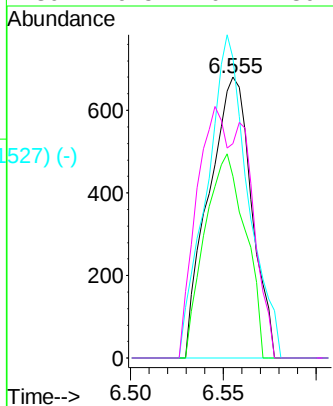
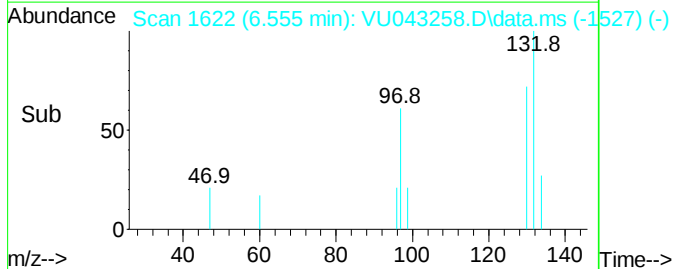


Trichloroethene
Concen: 0.19 ug/L
RT: 6.555 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VU043258.D
Acq: 21 Apr 2021 18:20

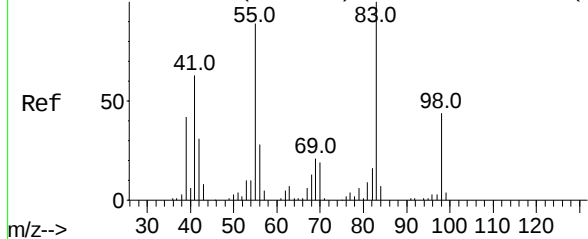
Instrument :
MSVOA_U
ClientSampled :



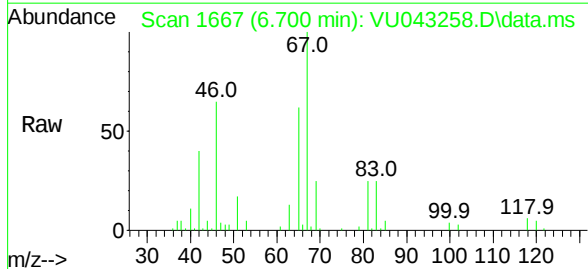
Tgt Ion:	95	Resp:	1092
Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.8	85.2
132	106.9	68.7	127.7
130	76.5	70.1	130.3



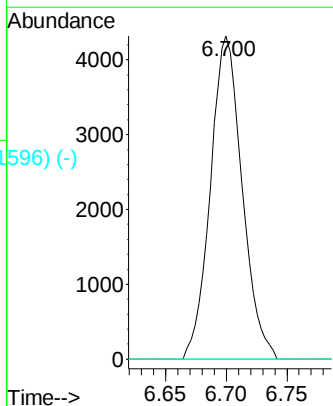
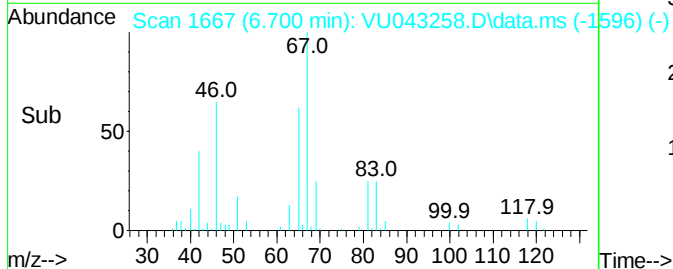
Abundance Scan 1689 (6.771 min): VU043239.D\data.ms (-1689) (-)



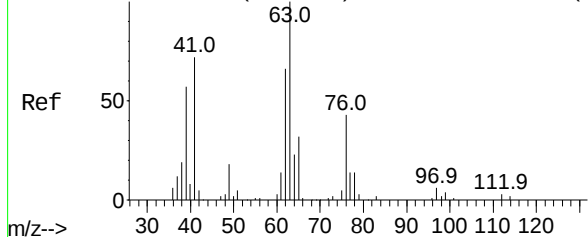
Methylcyclohexane
Concen: 0.98 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043258.D
Acq: 21 Apr 2021 18:20



Tgt Ion:	83	Resp:	7829
Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	1.0	37.9	56.9#



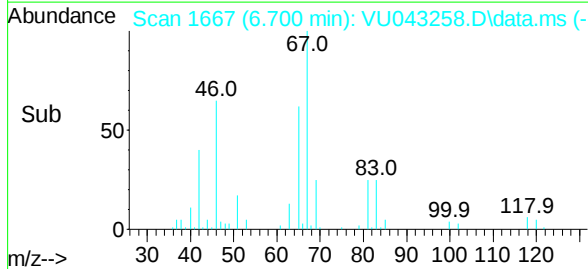
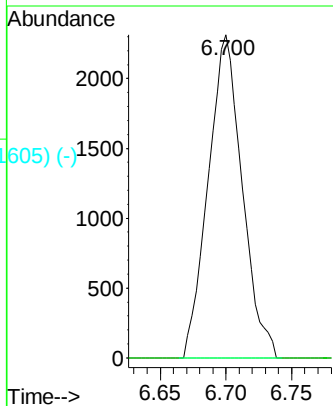
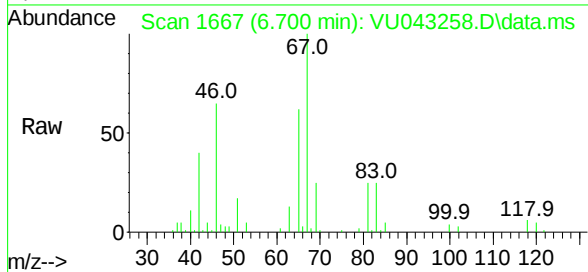
Abundance Scan 1698 (6.800 min): VU043239.D\data.ms (-16097-)



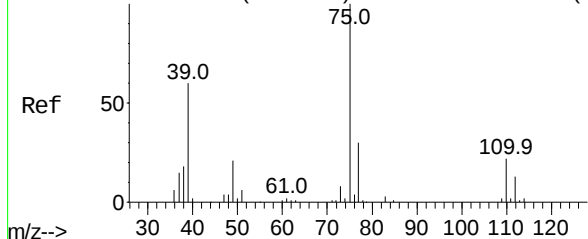
1,2-Dichloropropane
Concen: 0.70 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043258.D
Acq: 21 Apr 2021 18:20

Tgt Ion: 63 Resp: 4147
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

Instrument :
MSVOA_U
ClientSampled :

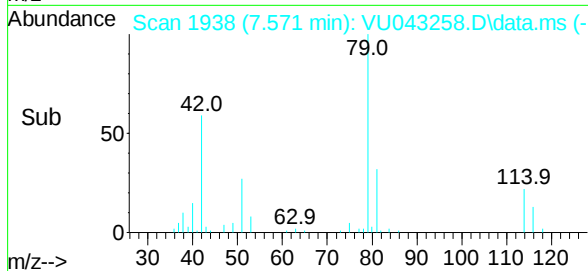
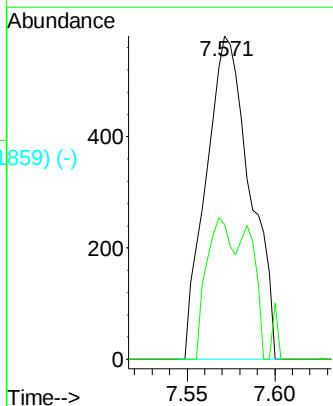
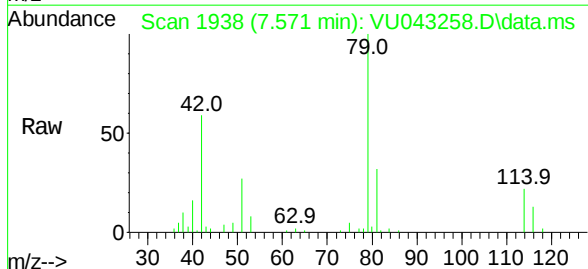


Abundance Scan 1952 (7.617 min): VU043239.D\data.ms (-19389-)



cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU043258.D
Acq: 21 Apr 2021 18:20

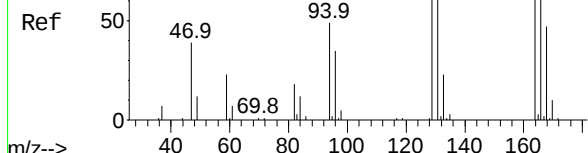
Tgt Ion: 75 Resp: 1011
Ion Ratio Lower Upper
75 100
77 41.8 21.8 40.6#



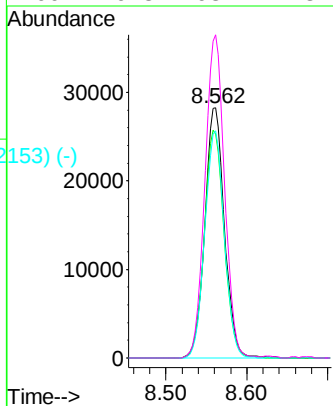
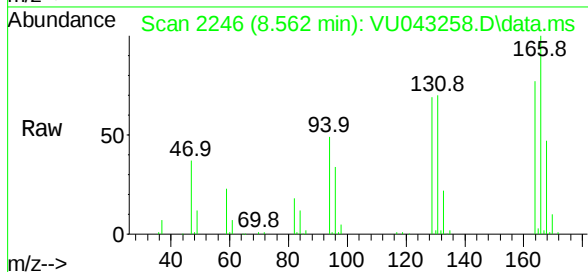
Abundance Scan 2246 (8.562 min): VU043239.D\data.ms (-2239) (-)

Tetrachloroethene
Concen: 10.38 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU043258.D
Acq: 21 Apr 2021 18:20

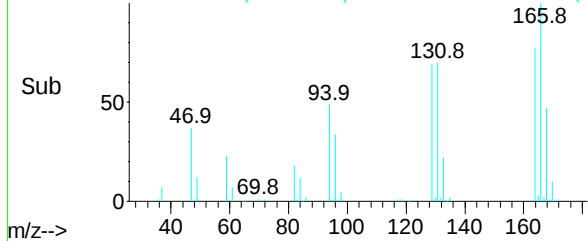
Instrument :
MSVOA_U
ClientSampled :



Tgt Ion:	164	Resp:	47747
Ion	Ratio	Lower	Upper
164	100		
129	89.7	66.6	123.8
131	91.0	65.9	122.3
166	129.3	93.7	173.9



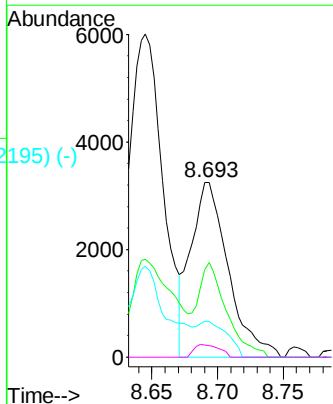
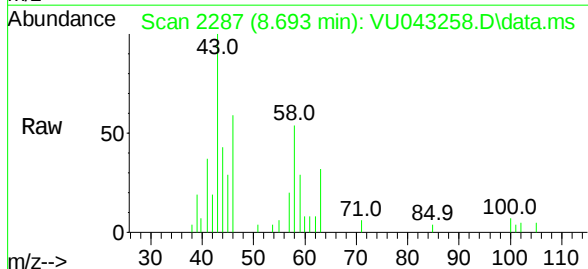
Abundance Scan 2246 (8.562 min): VU043258.D\data.ms (-2153) (-)



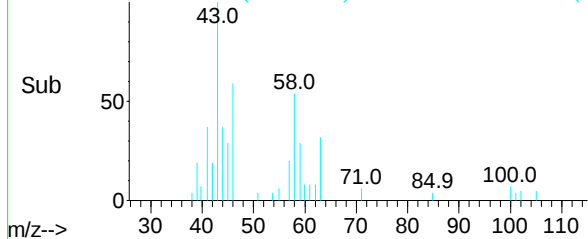
Abundance Scan 2288 (8.697 min): VU043239.D\data.ms (-2279) (-)

2-Hexanone
Concen: 1.65 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. -0.004 min
Lab File: VU043258.D
Acq: 21 Apr 2021 18:20

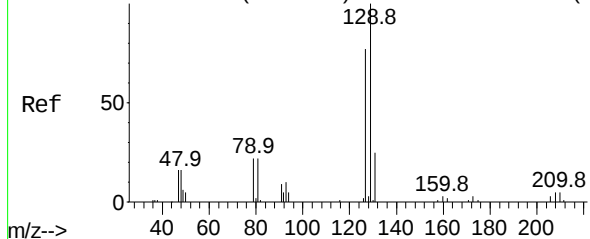
Tgt Ion:	43	Resp:	6449
Ion	Ratio	Lower	Upper
43	100		
58	42.2	50.0	75.0#
57	14.8	17.4	26.0#
100	4.8	11.8	17.8#



Abundance Scan 2287 (8.693 min): VU043258.D\data.ms (-2195) (-)



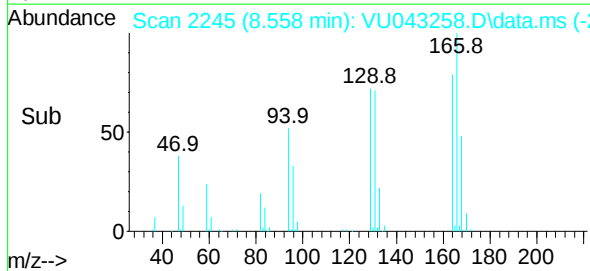
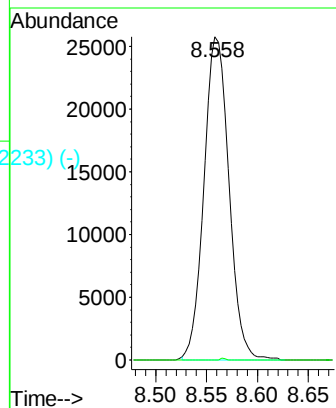
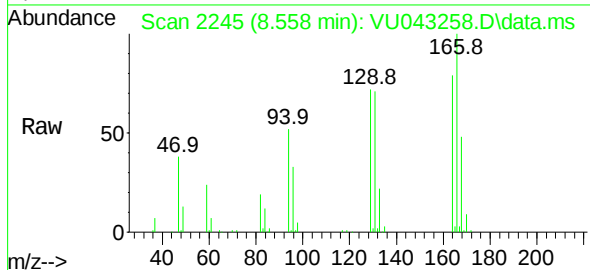
Abundance Scan 2326 (8.819 min): VU043239.D\data.ms (-2319) (-)



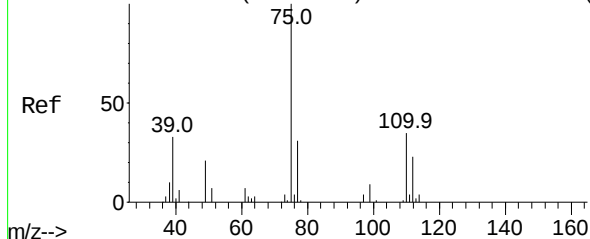
Dibromochloromethane
Concen: 7.85 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.261 min
Lab File: VU043258.D
Acq: 21 Apr 2021 18:20

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:129 Resp: 43883
Ion Ratio Lower Upper
129 100
127 0.0 56.6 105.2#



Abundance Scan 2951 (10.829 min): VU043239.D\data.ms (-2950) (-)



1,2,3-Trichloropropane
Concen: 1.28 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.990 min
Lab File: VU043258.D
Acq: 21 Apr 2021 18:20

Tgt Ion: 75 Resp: 4750
Ion Ratio Lower Upper
75 100
110 0.0 31.5 47.3#
77 39.9 26.3 39.5#

