

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042121\
 Data File : VU043264.D
 Acq On : 21 Apr 2021 20:43
 Operator : SY/MD
 Sample : M2088-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 22 04:48:10 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)

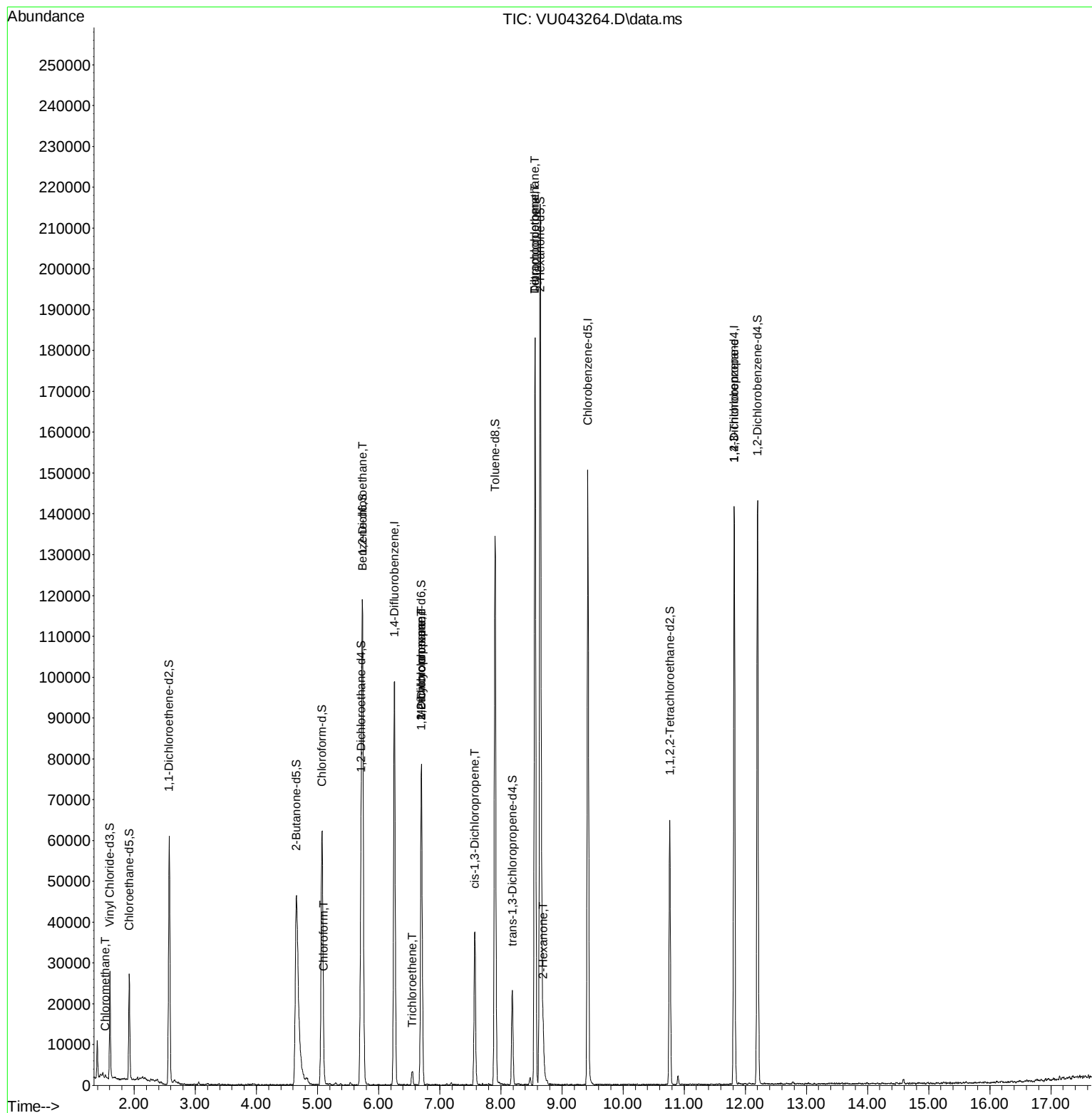
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	71172	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	74668	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	34149	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	16804	4.64	ug/L	0.00
Spiked Amount 5.000	Range 40	- 130	Recovery	=	92.80%	
7) Chloroethane-d5	1.922	69	17553	5.15	ug/L	0.00
Spiked Amount 5.000	Range 65	- 130	Recovery	=	103.00%	
11) 1,1-Dichloroethene-d2	2.575	65	11428	5.46	ug/L	0.00
Spiked Amount 5.000	Range 60	- 125	Recovery	=	109.20%	
20) 2-Butanone-d5	4.655	46	110033	69.32	ug/L	0.00
Spiked Amount 50.000	Range 40	- 130	Recovery	=	138.64%#	
24) Chloroform-d	5.073	84	54966	5.97	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	119.40%	
26) 1,2-Dichloroethane-d4	5.713	65	36009	5.79	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	115.80%	
32) Benzene-d6	5.739	84	95049	5.47	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	109.40%	
36) 1,2-Dichloropropane-d6	6.700	67	32712	5.67	ug/L	0.00
Spiked Amount 5.000	Range 60	- 140	Recovery	=	113.40%	
41) Toluene-d8	7.906	98	80722	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	89.40%	
43) trans-1,3-Dichloroprop...	8.189	79	12267	4.82	ug/L	0.00
Spiked Amount 5.000	Range 55	- 130	Recovery	=	96.40%	
46) 2-Hexanone-d5	8.645	63	68381	53.85	ug/L	0.00
Spiked Amount 50.000	Range 45	- 130	Recovery	=	107.70%	
56) 1,1,2,2-Tetrachloroeth...	10.764	84	29707	5.86	ug/L	0.00
Spiked Amount 5.000	Range 65	- 120	Recovery	=	117.20%	
66) 1,2-Dichlorobenzene-d4	12.201	152	34077	5.82	ug/L	0.00
Spiked Amount 5.000	Range 80	- 120	Recovery	=	116.40%	
Target Compounds						
						Qvalue
3) Chloromethane	1.526	50	496	0.11	ug/L #	80
25) Chloroform	5.099	83	2399	0.24	ug/L	82
27) 1,2-Dichloroethane	5.735	62	727	0.10	ug/L #	74
34) Trichloroethene	6.552	95	1252	0.23	ug/L #	76
35) Methylcyclohexane	6.700	83	7979	1.05	ug/L #	19
37) 1,2-Dichloropropane	6.697	63	3768	0.67	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	877	0.11	ug/L #	67
47) Tetrachloroethene	8.558	164	38293	8.78	ug/L	92
48) 2-Hexanone	8.693	43	5268	1.42	ug/L #	74
49) Dibromochloromethane	8.558	129	34852	6.58	ug/L #	10
61) 1,2,3-Trichloropropane	11.819	75	4345	1.23	ug/L #	61

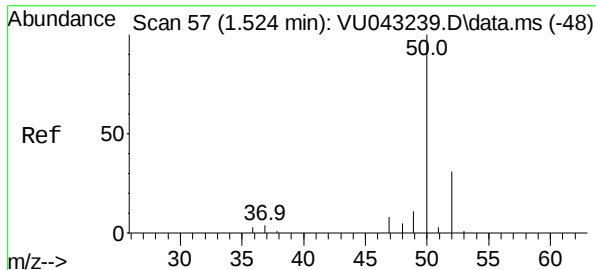
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 21 Apr 2021 20:43
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Quant Time: Apr 22 04:48:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

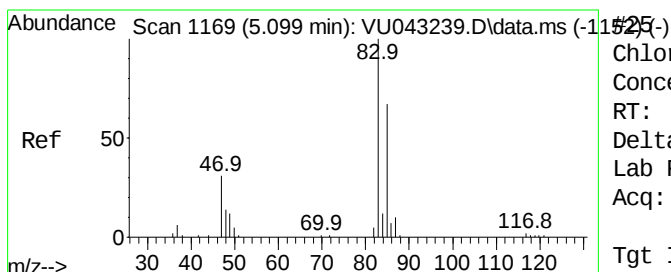
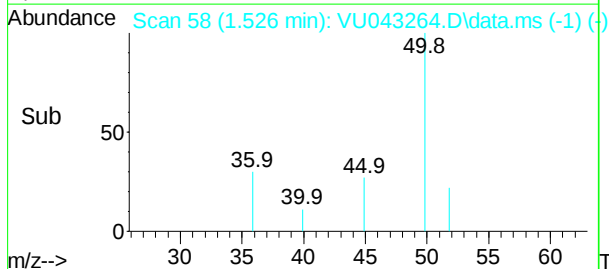
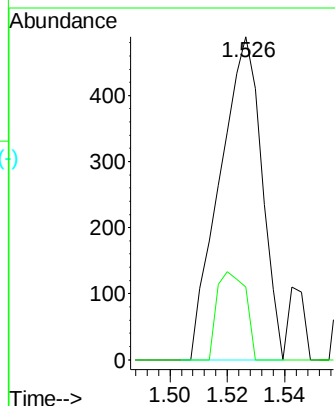
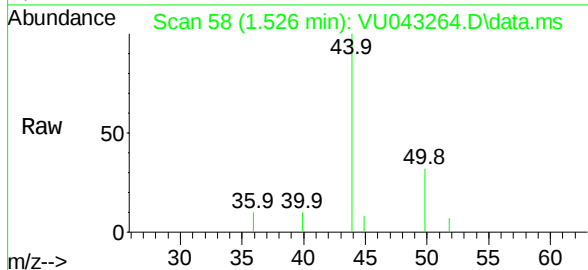




Chloromethane
Concen: 0.11 ug/L
RT: 1.526 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU043264.D
Acq: 21 Apr 2021 20:43

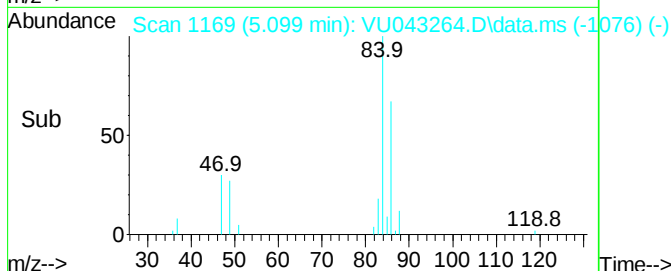
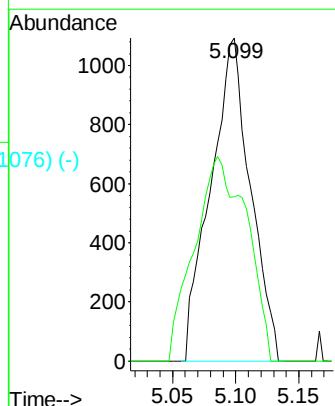
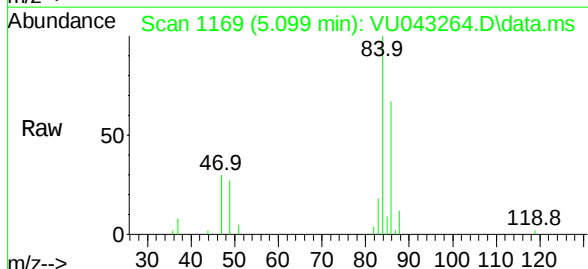
Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 50 Resp: 496
Ion Ratio Lower Upper
50 100
52 22.5 23.6 43.8#

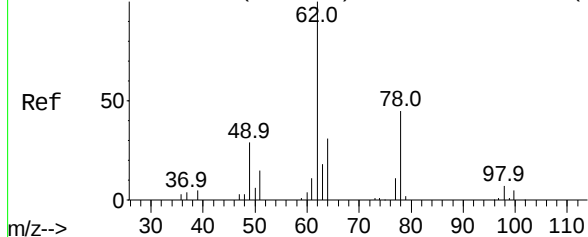


Chloroform
Concen: 0.24 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043264.D
Acq: 21 Apr 2021 20:43

Tgt Ion: 83 Resp: 2399
Ion Ratio Lower Upper
83 100
85 50.9 45.6 84.8



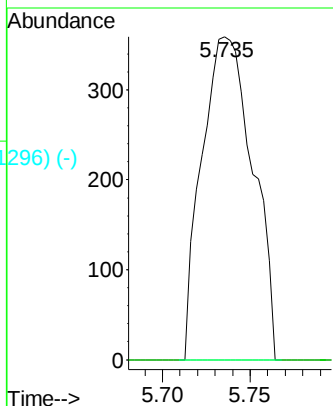
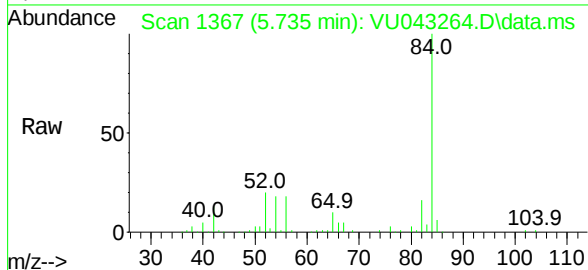
Abundance Scan 1389 (5.806 min): VU043239.D\data.ms (-13727-)



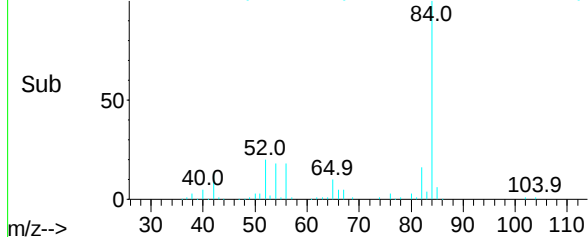
1,2-Dichloroethane
Concen: 0.10 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.071 min
Lab File: VU043264.D
Acq: 21 Apr 2021 20:43

Instrument :
MSVOA_U
ClientSampled :

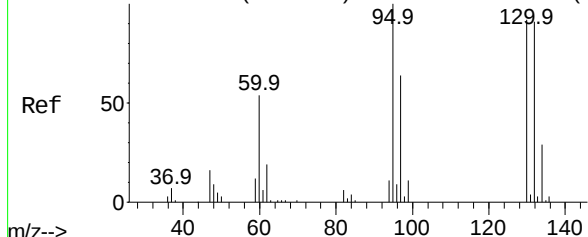
Tgt Ion: 62 Resp: 727
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#



Abundance Scan 1367 (5.735 min): VU043264.D\data.ms (-1296 -)

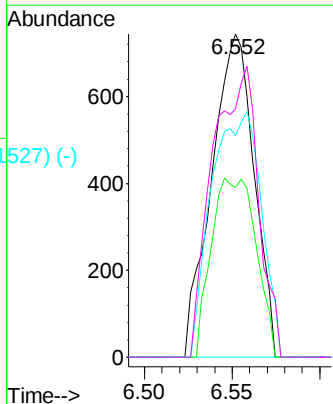
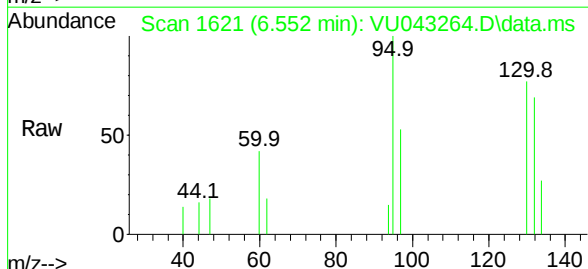


Abundance Scan 1620 (6.549 min): VU043239.D\data.ms (-16624-)

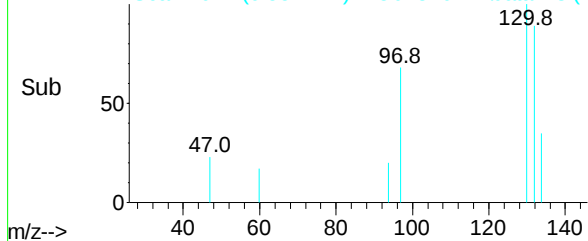


Trichloroethene
Concen: 0.23 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU043264.D
Acq: 21 Apr 2021 20:43

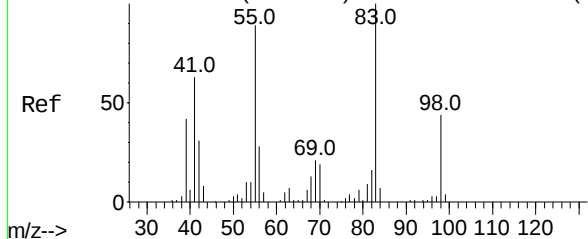
Tgt Ion: 95 Resp: 1252
Ion Ratio Lower Upper
95 100
97 52.6 45.8 85.2
132 68.5 68.7 127.7#
130 76.9 70.1 130.3



Abundance Scan 1621 (6.552 min): VU043264.D\data.ms (-1527 -)



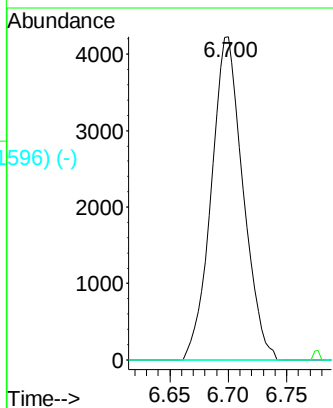
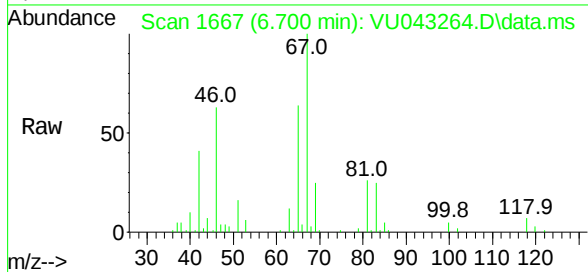
Abundance Scan 1689 (6.771 min): VU043239.D\data.ms (-1678) (-)



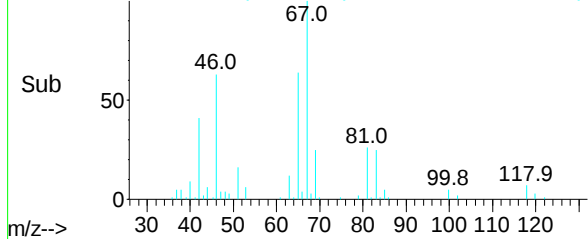
Methylcyclohexane
Concen: 1.05 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043264.D
Acq: 21 Apr 2021 20:43

Instrument :
MSVOA_U
ClientSampled :

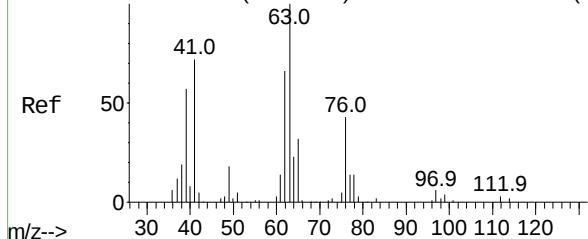
Tgt Ion:	83	Resp:	7979
Ion	Ratio	Lower	Upper
83	100		
55	0.6	59.5	89.3#
98	0.0	37.9	56.9#



Abundance Scan 1667 (6.700 min): VU043264.D\data.ms (-1596) (-)

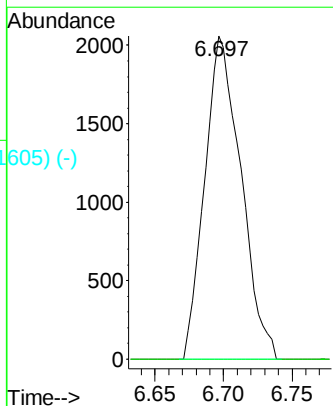
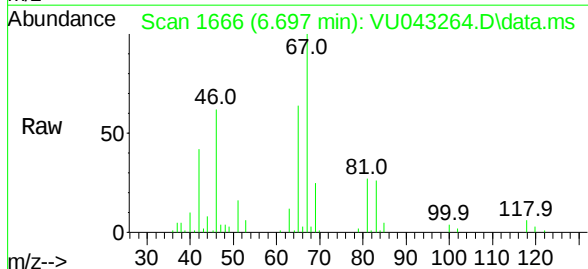


Abundance Scan 1698 (6.800 min): VU043239.D\data.ms (-1660) (-)

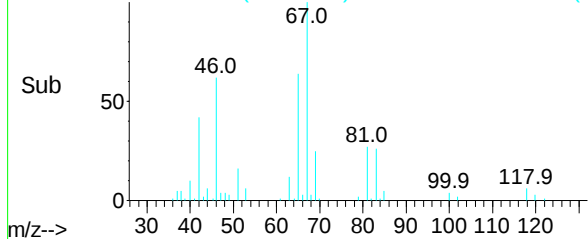


1,2-Dichloropropane
Concen: 0.67 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU043264.D
Acq: 21 Apr 2021 20:43

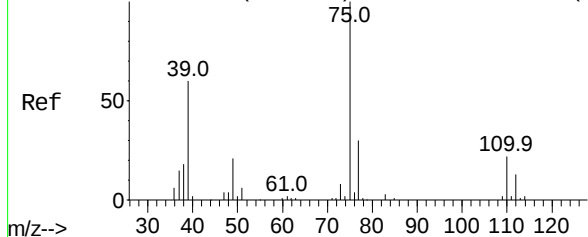
Tgt Ion:	63	Resp:	3768
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



Abundance Scan 1666 (6.697 min): VU043264.D\data.ms (-1605) (-)



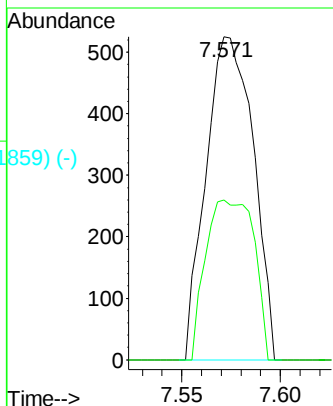
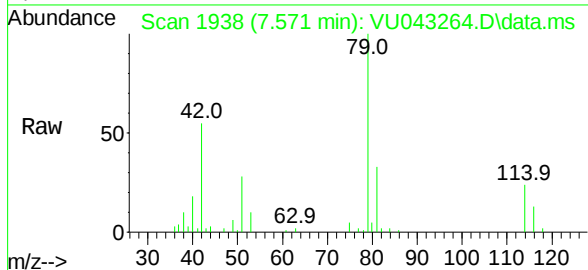
Abundance Scan 1952 (7.617 min): VU043239.D\data.ms (-1938)



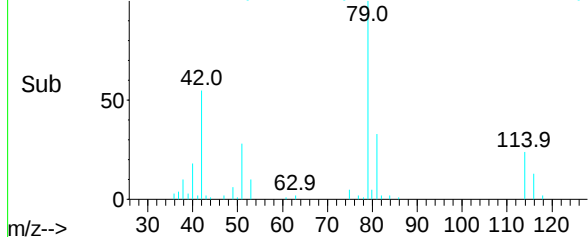
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU043264.D
Acq: 21 Apr 2021 20:43

Instrument :
MSVOA_U
ClientSampled :

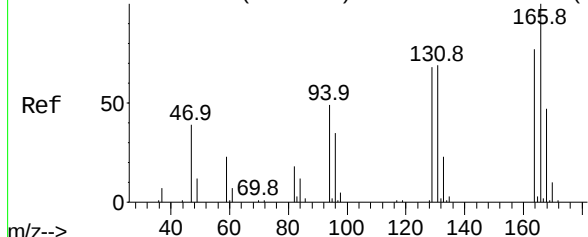
Tgt Ion: 75 Resp: 877
Ion Ratio Lower Upper
75 100
77 49.5 21.8 40.6#



Abundance Scan 1938 (7.571 min): VU043264.D\data.ms (-1859)

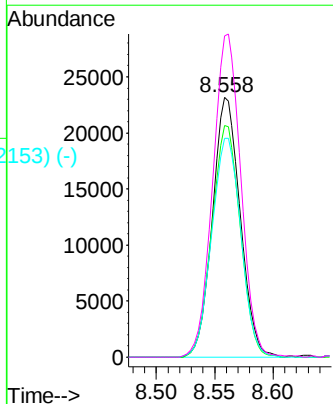
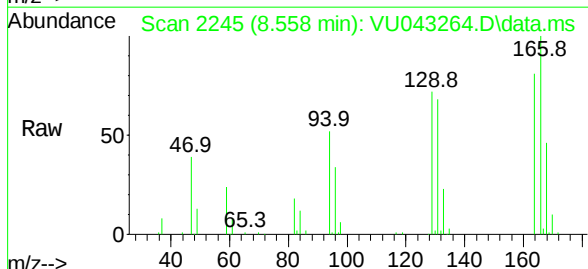


Abundance Scan 2246 (8.562 min): VU043239.D\data.ms (-2239)

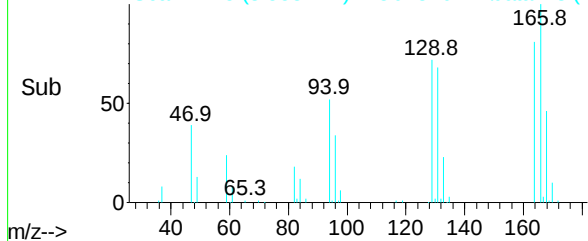


Tetrachloroethene
Concen: 8.78 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.004 min
Lab File: VU043264.D
Acq: 21 Apr 2021 20:43

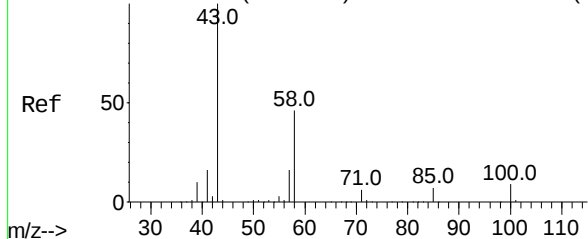
Tgt Ion:164 Resp: 38293
Ion Ratio Lower Upper
164 100
129 89.1 66.6 123.8
131 84.3 65.9 122.3
166 123.6 93.7 173.9



Abundance Scan 2245 (8.558 min): VU043264.D\data.ms (-2153)



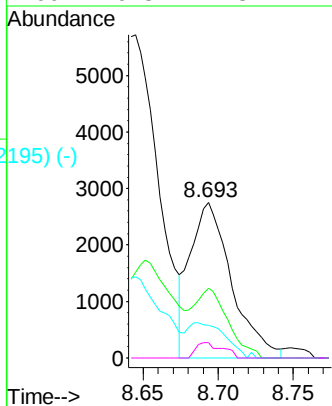
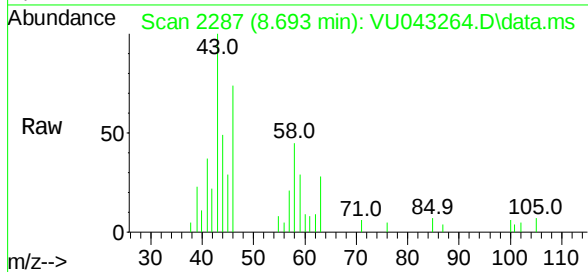
Abundance Scan 2288 (8.697 min): VU043239.D\data.ms (-2279) (-)



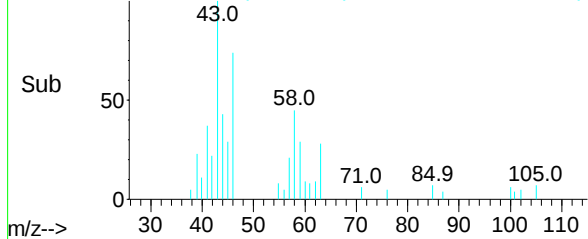
2-Hexanone
Concen: 1.42 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. -0.004 min
Lab File: VU043264.D
Acq: 21 Apr 2021 20:43

Instrument :
MSVOA_U
ClientSampled :

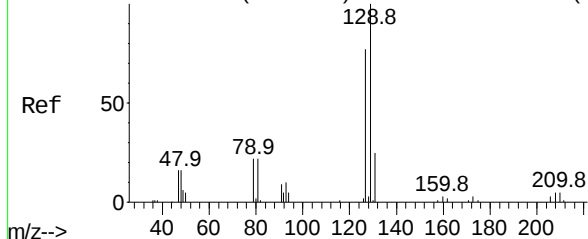
Tgt Ion:	43	Resp:	5268
Ion	Ratio	Lower	Upper
43	100		
58	35.0	50.0	75.0#
57	20.0	17.4	26.0
100	6.3	11.8	17.8#



Abundance Scan 2287 (8.693 min): VU043264.D\data.ms (-2195) (-)

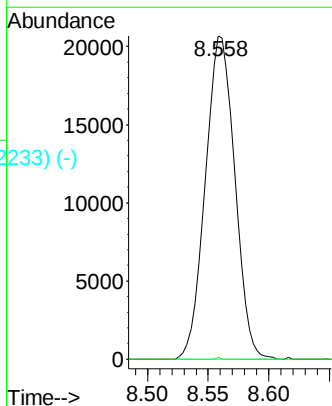
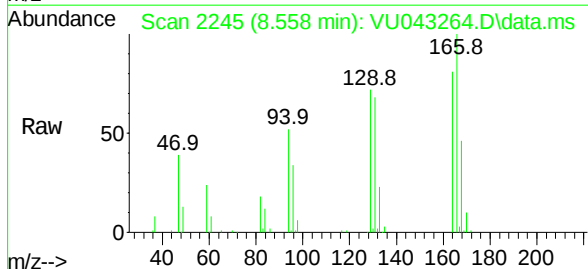


Abundance Scan 2326 (8.819 min): VU043239.D\data.ms (-2319) (-)

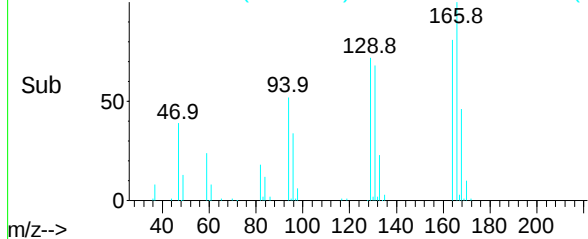


Dibromochloromethane
Concen: 6.58 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.261 min
Lab File: VU043264.D
Acq: 21 Apr 2021 20:43

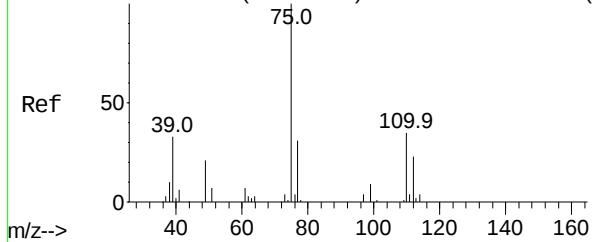
Tgt Ion:	129	Resp:	34852
Ion	Ratio	Lower	Upper
129	100		
127	0.6	56.6	105.2#



Abundance Scan 2245 (8.558 min): VU043264.D\data.ms (-2233) (-)

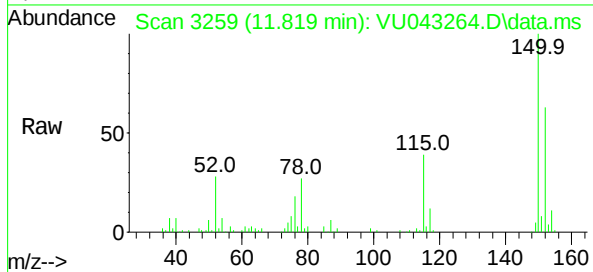


Abundance Scan 2951 (10.829 min): VU043239.D\data.ms (-2951) (-)



1,2,3-Trichloropropane
Concen: 1.23 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.990 min
Lab File: VU043264.D
Acq: 21 Apr 2021 20:43

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	75	Resp:	4345
Ion	Ratio	Lower	Upper
75	100		
110	2.3	31.5	47.3#
77	40.2	26.3	39.5#

