

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042121\
 Data File : VU043263.D
 Acq On : 21 Apr 2021 20:19
 Operator : SY/MD
 Sample : M2088-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 22 04:48:04 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)

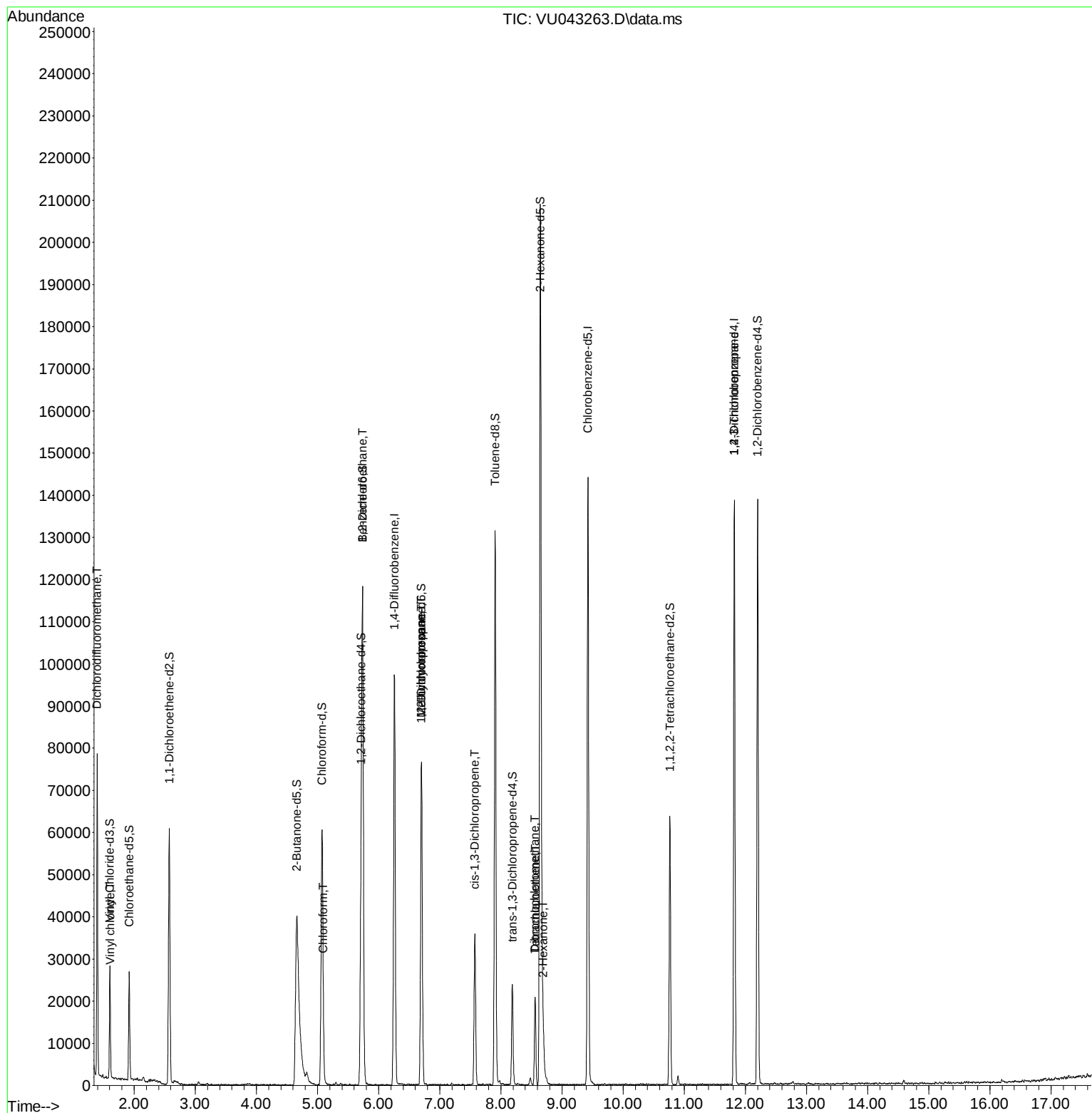
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	72948	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.424	117	72360	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	33122	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	17821	4.80	ug/L	0.00
Spiked Amount 5.000	Range 40	- 130	Recovery	=	96.00%	
7) Chloroethane-d5	1.919	69	17221	4.93	ug/L	0.00
Spiked Amount 5.000	Range 65	- 130	Recovery	=	98.60%	
11) 1,1-Dichloroethene-d2	2.575	65	12060	5.62	ug/L	0.00
Spiked Amount 5.000	Range 60	- 125	Recovery	=	112.40%	
20) 2-Butanone-d5	4.662	46	110403	67.86	ug/L	0.00
Spiked Amount 50.000	Range 40	- 130	Recovery	=	135.72%#	
24) Chloroform-d	5.073	84	53876	5.71	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	114.20%	
26) 1,2-Dichloroethane-d4	5.713	65	34441	5.40	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	108.00%	
32) Benzene-d6	5.736	84	94932	5.63	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	112.60%	
36) 1,2-Dichloropropane-d6	6.697	67	32420	5.80	ug/L	0.00
Spiked Amount 5.000	Range 60	- 140	Recovery	=	116.00%	
41) Toluene-d8	7.906	98	81321	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	92.80%	
43) trans-1,3-Dichloroprop...	8.189	79	12557	5.09	ug/L	0.00
Spiked Amount 5.000	Range 55	- 130	Recovery	=	101.80%	
46) 2-Hexanone-d5	8.645	63	66711	54.21	ug/L	0.00
Spiked Amount 50.000	Range 45	- 130	Recovery	=	108.42%	
56) 1,1,2,2-Tetrachloroeth...	10.764	84	29233	5.95	ug/L	0.00
Spiked Amount 5.000	Range 65	- 120	Recovery	=	119.00%	
66) 1,2-Dichlorobenzene-d4	12.198	152	34072	6.00	ug/L	0.00
Spiked Amount 5.000	Range 80	- 120	Recovery	=	120.00%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.395	85	845	0.18	ug/L	90
5) Vinyl chloride	1.610	62	480	0.10	ug/L #	56
25) Chloroform	5.096	83	1435	0.14	ug/L	92
27) 1,2-Dichloroethane	5.736	62	572	0.08	ug/L #	74
35) Methylcyclohexane	6.700	83	7513	1.02	ug/L #	19
37) 1,2-Dichloropropane	6.700	63	4028	0.74	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	1012	0.13	ug/L #	71
47) Tetrachloroethene	8.562	164	4330	1.02	ug/L	89
48) 2-Hexanone	8.694	43	4115	1.15	ug/L #	79
49) Dibromochloromethane	8.559	129	4207	0.82	ug/L #	9
61) 1,2,3-Trichloropropane	11.819	75	4218	1.23	ug/L #	58

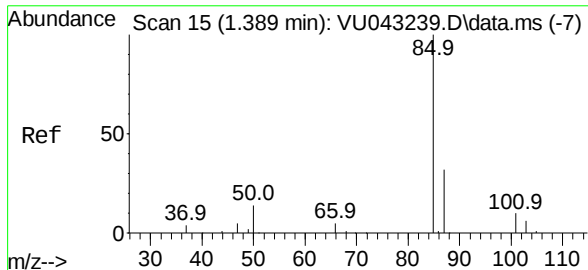
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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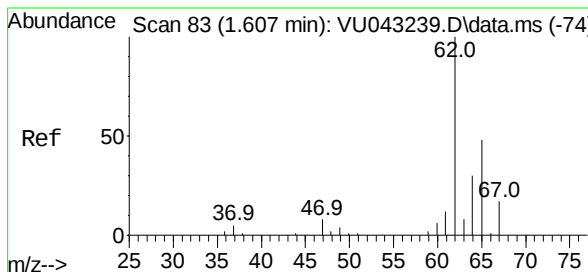
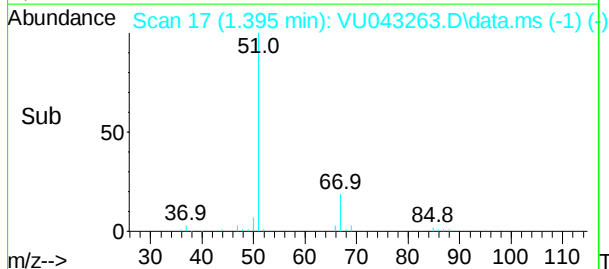
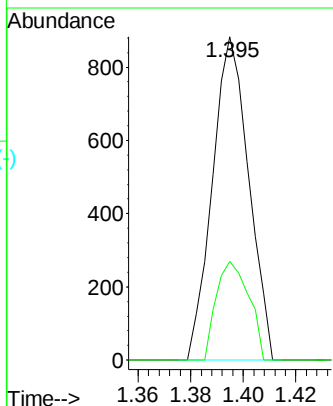
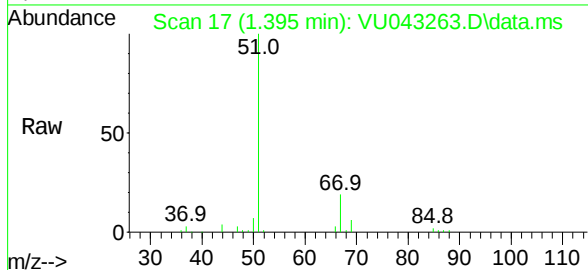




Dichlorodifluoromethane
Concen: 0.18 ug/L
RT: 1.395 min Scan# 17
Delta R.T. 0.006 min
Lab File: VU043263.D
Acq: 21 Apr 2021 20:19

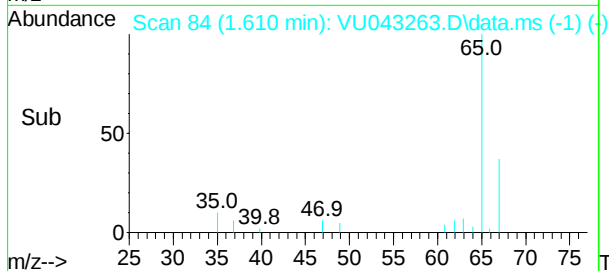
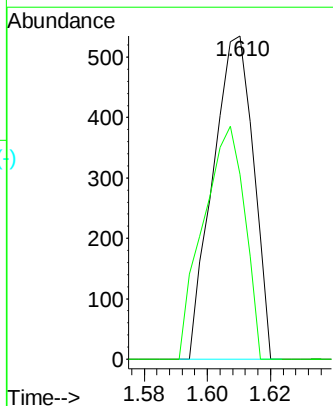
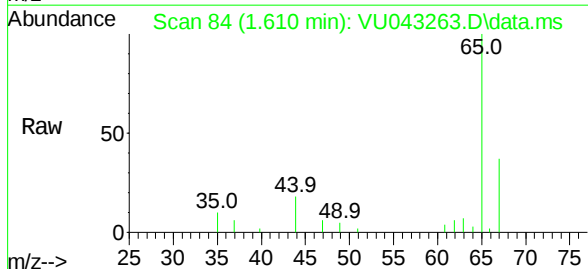
Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 85 Resp: 845
Ion Ratio Lower Upper
85 100
87 27.3 26.3 39.5

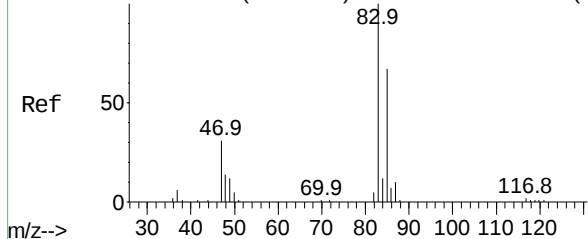


Vinyl chloride
Concen: 0.10 ug/L
RT: 1.610 min Scan# 84
Delta R.T. 0.003 min
Lab File: VU043263.D
Acq: 21 Apr 2021 20:19

Tgt Ion: 62 Resp: 480
Ion Ratio Lower Upper
62 100
64 57.2 22.8 42.4#



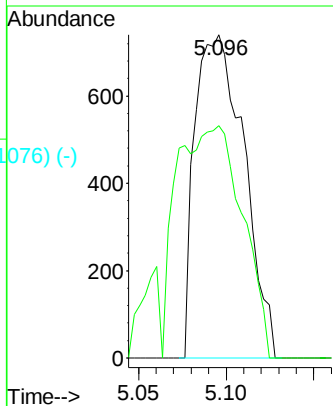
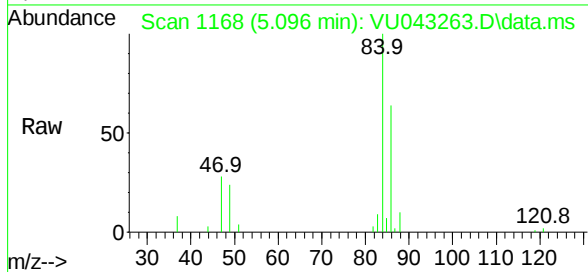
Abundance Scan 1169 (5.099 min): VU043239.D\data.ms (-11525-)



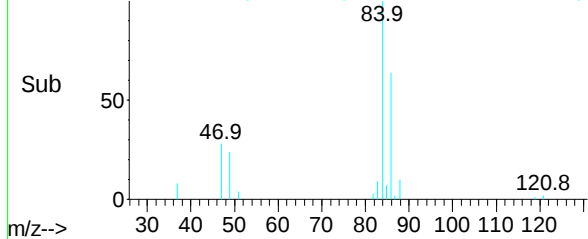
Chloroform
Concen: 0.14 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU043263.D
Acq: 21 Apr 2021 20:19

Instrument :
MSVOA_U
ClientSampled :

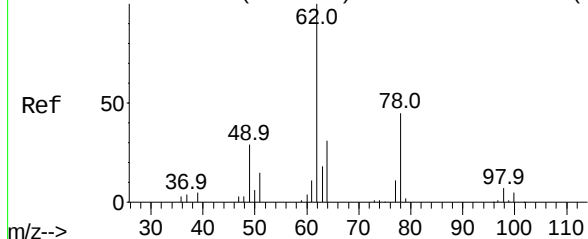
Tgt Ion: 83 Resp: 1435
Ion Ratio Lower Upper
83 100
85 71.9 45.6 84.8



Abundance Scan 1168 (5.096 min): VU043263.D\data.ms (-1076-)

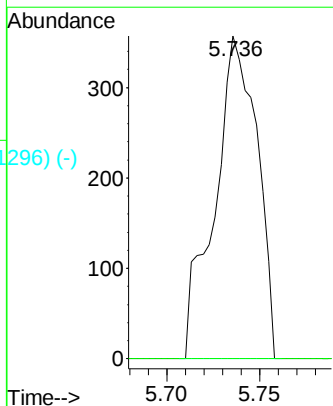
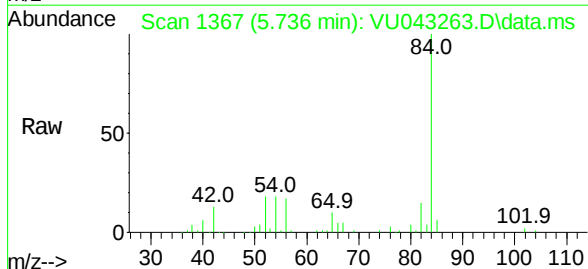


Abundance Scan 1389 (5.806 min): VU043239.D\data.ms (-13727-)

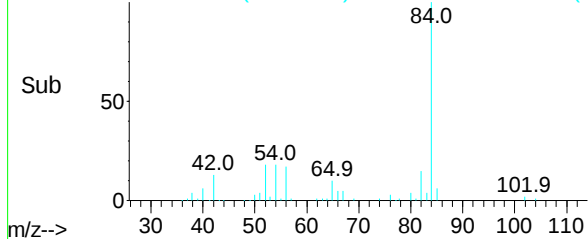


1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.736 min Scan# 1367
Delta R.T. -0.071 min
Lab File: VU043263.D
Acq: 21 Apr 2021 20:19

Tgt Ion: 62 Resp: 572
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#



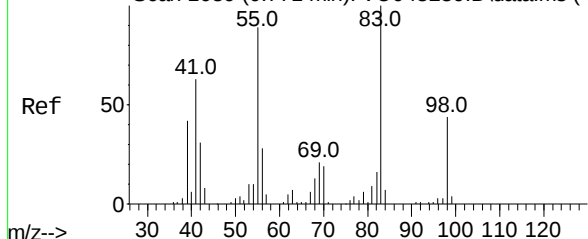
Abundance Scan 1367 (5.736 min): VU043263.D\data.ms (-1296-)



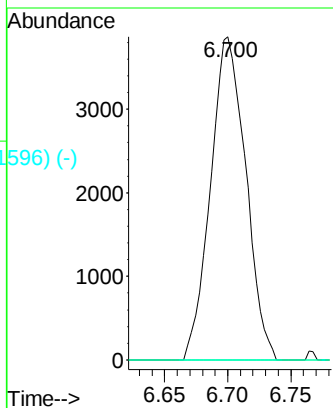
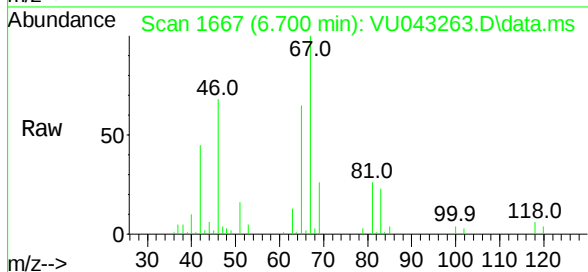
Abundance Scan 1689 (6.771 min): VU043239.D\data.ms (-16785-)

Methylcyclohexane
Concen: 1.02 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043263.D
Acq: 21 Apr 2021 20:19

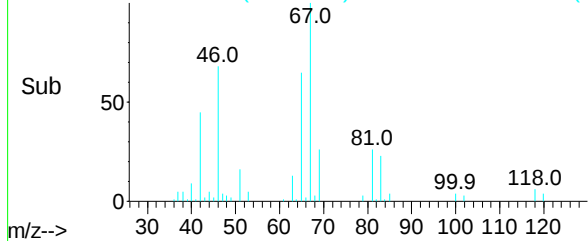
Instrument :
MSVOA_U
ClientSampled :



Tgt Ion:	83	Resp:	7513
Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	0.0	37.9	56.9#



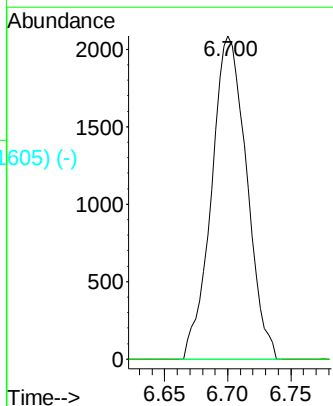
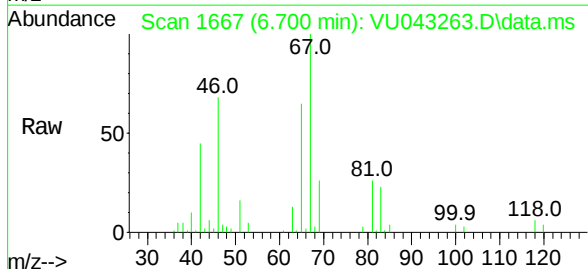
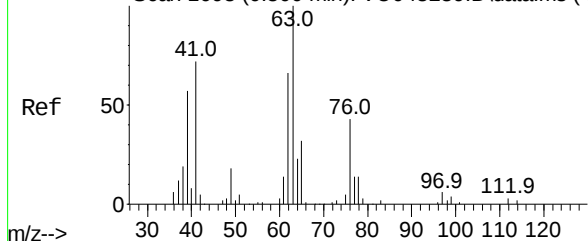
Abundance Scan 1667 (6.700 min): VU043263.D\data.ms (-1596-)



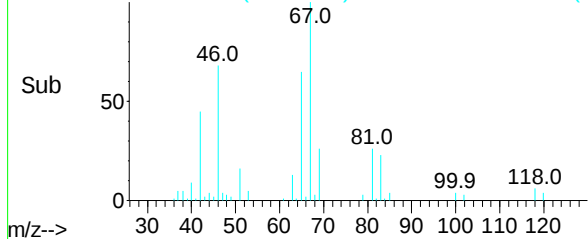
Abundance Scan 1698 (6.800 min): VU043239.D\data.ms (-16607-)

1,2-Dichloropropane
Concen: 0.74 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043263.D
Acq: 21 Apr 2021 20:19

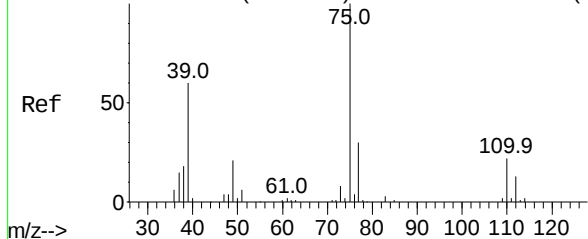
Tgt Ion:	63	Resp:	4028
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



Abundance Scan 1667 (6.700 min): VU043263.D\data.ms (-1605-)



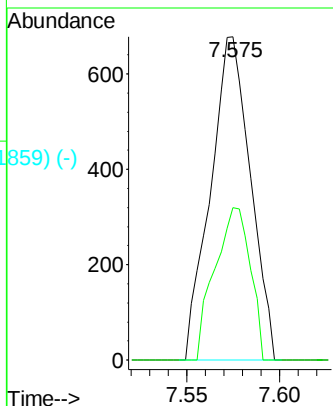
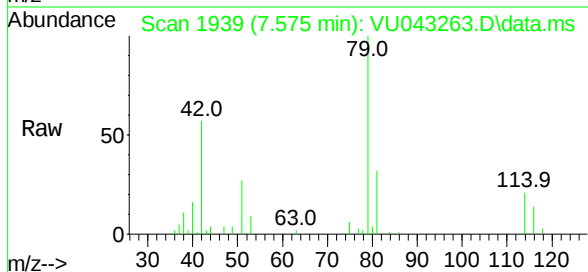
Abundance Scan 1952 (7.617 min): VU043239.D\data.ms (-1939)



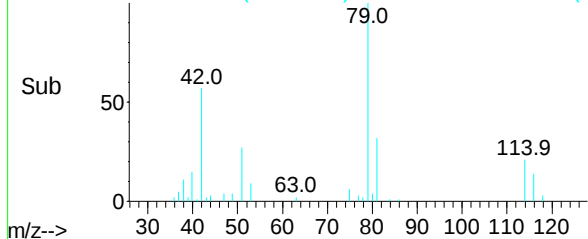
cis-1,3-Dichloropropene
Concen: 0.13 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU043263.D
Acq: 21 Apr 2021 20:19

Instrument :
MSVOA_U
ClientSampled :

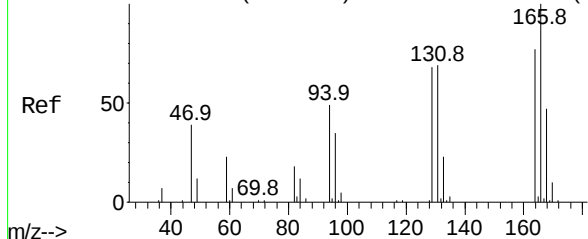
Tgt Ion: 75 Resp: 1012
Ion Ratio Lower Upper
75 100
77 47.1 21.8 40.6#



Abundance Scan 1939 (7.575 min): VU043263.D\data.ms (-1859) (-)

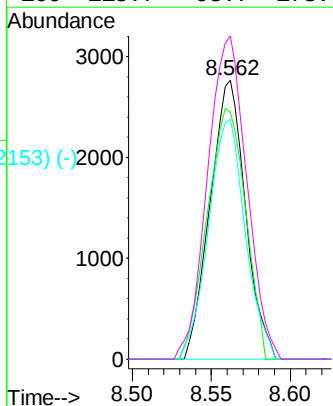
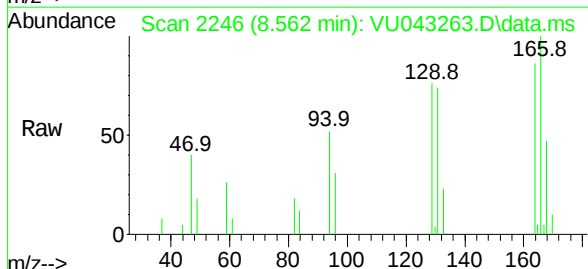


Abundance Scan 2246 (8.562 min): VU043239.D\data.ms (-2239) (-)

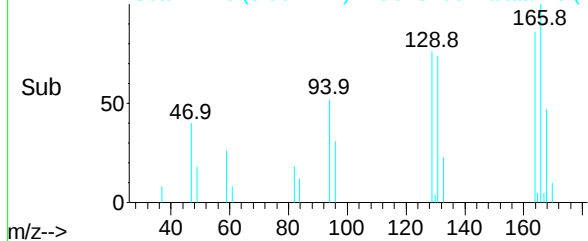


Tetrachloroethene
Concen: 1.02 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU043263.D
Acq: 21 Apr 2021 20:19

Tgt Ion:164 Resp: 4330
Ion Ratio Lower Upper
164 100
129 88.5 66.6 123.8
131 85.9 65.9 122.3
166 115.7 93.7 173.9



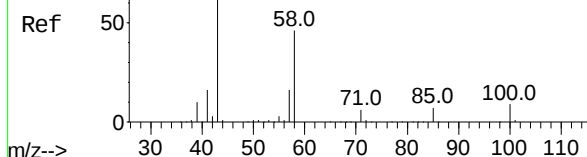
Abundance Scan 2246 (8.562 min): VU043263.D\data.ms (-2153) (-)



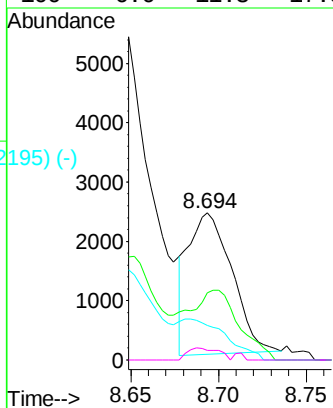
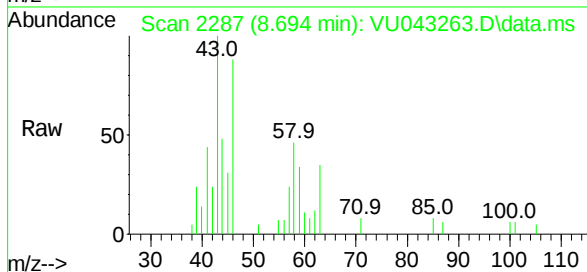
Abundance Scan 2288 (8.697 min): VU043239.D\data.ms (-22799-)

2-Hexanone
Concen: 1.15 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. -0.003 min
Lab File: VU043263.D
Acq: 21 Apr 2021 20:19

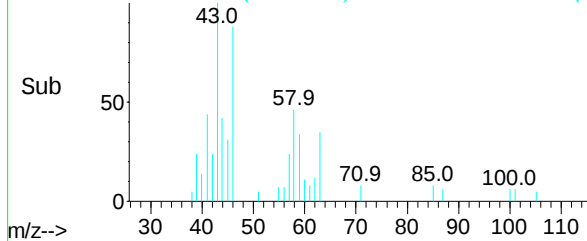
Instrument :
MSVOA_U
ClientSampled :



Tgt Ion:	43	Resp:	4115
Ion	Ratio	Lower	Upper
43	100		
58	46.1	50.0	75.0#
57	31.1	17.4	26.0#
100	6.0	11.8	17.8#



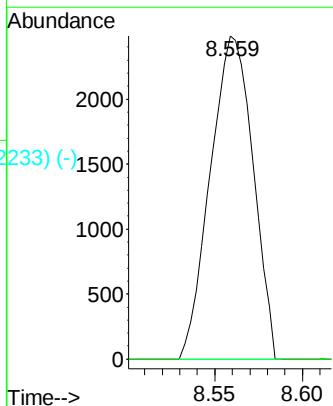
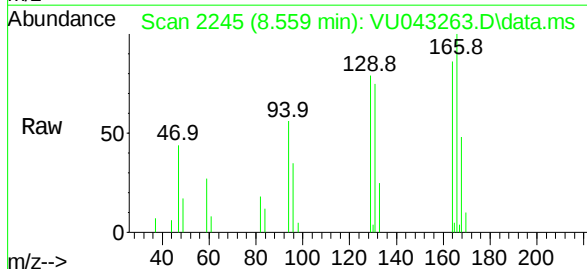
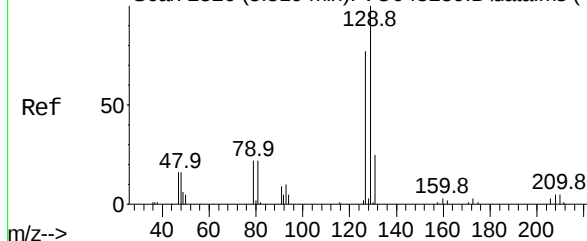
Abundance Scan 2287 (8.694 min): VU043263.D\data.ms (-2195-)



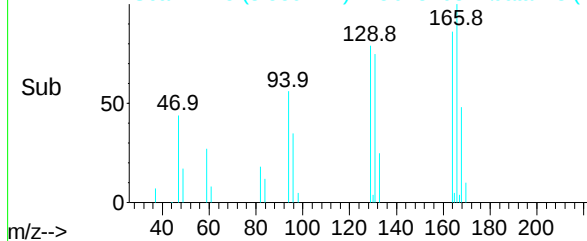
Abundance Scan 2326 (8.819 min): VU043239.D\data.ms (-23119-)

Dibromochloromethane
Concen: 0.82 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. -0.261 min
Lab File: VU043263.D
Acq: 21 Apr 2021 20:19

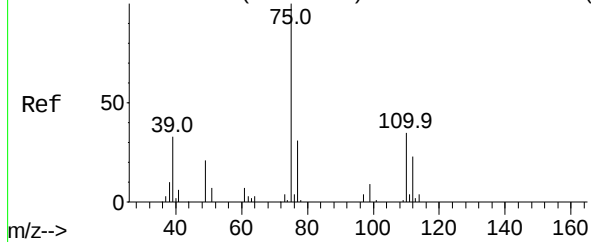
Tgt Ion:	129	Resp:	4207
Ion	Ratio	Lower	Upper
129	100		
127	0.0	56.6	105.2#



Abundance Scan 2245 (8.559 min): VU043263.D\data.ms (-2233-)

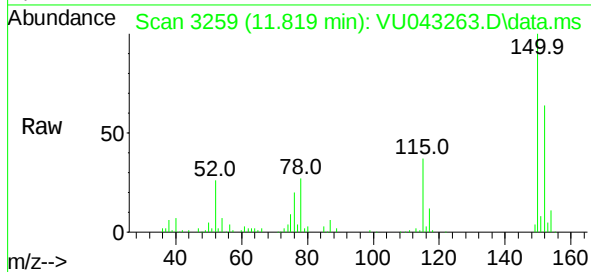


Abundance Scan 2951 (10.829 min): VU043239.D\data.ms (-2951) (-)



1,2,3-Trichloropropane
Concen: 1.23 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.990 min
Lab File: VU043263.D
Acq: 21 Apr 2021 20:19

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	75	Resp:	4218
Ion	Ratio	Lower	Upper
75	100		
110	1.7	31.5	47.3#
77	43.3	26.3	39.5#

