

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042121\
 Data File : VU043261.D
 Acq On : 21 Apr 2021 19:31
 Operator : SY/MD
 Sample : M2088-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 22 04:46:59 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)

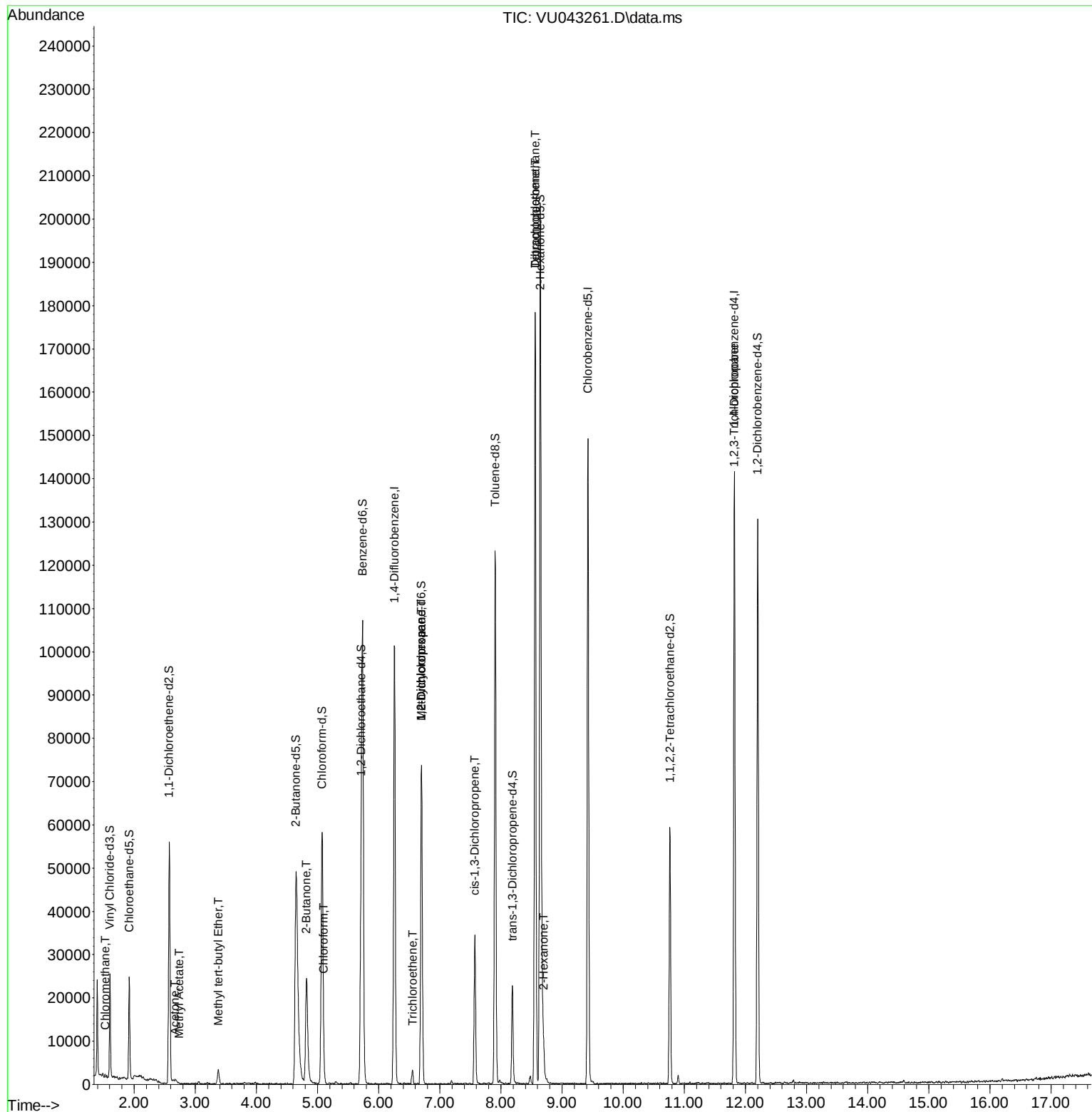
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	73033	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	74185	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	34753	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	16171	4.35	ug/L	0.00
Spiked Amount 5.000	Range 40	- 130	Recovery	=	87.00%	
7) Chloroethane-d5	1.919	69	15529	4.44	ug/L	0.00
Spiked Amount 5.000	Range 65	- 130	Recovery	=	88.80%	
11) 1,1-Dichloroethene-d2	2.575	65	10628	4.94	ug/L	0.00
Spiked Amount 5.000	Range 60	- 125	Recovery	=	98.80%	
20) 2-Butanone-d5	4.648	46	103103	63.30	ug/L	-0.01
Spiked Amount 50.000	Range 40	- 130	Recovery	=	126.60%	
24) Chloroform-d	5.073	84	49972	5.29	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	105.80%	
26) 1,2-Dichloroethane-d4	5.713	65	33141	5.19	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	103.80%	
32) Benzene-d6	5.735	84	88448	5.12	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	102.40%	
36) 1,2-Dichloropropane-d6	6.700	67	30933	5.40	ug/L	0.00
Spiked Amount 5.000	Range 60	- 140	Recovery	=	108.00%	
41) Toluene-d8	7.906	98	76164	4.24	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	84.80%	
43) trans-1,3-Dichloroprop...	8.189	79	11743	4.64	ug/L	0.00
Spiked Amount 5.000	Range 55	- 130	Recovery	=	92.80%	
46) 2-Hexanone-d5	8.645	63	62009	49.15	ug/L	0.00
Spiked Amount 50.000	Range 45	- 130	Recovery	=	98.30%	
56) 1,1,2,2-Tetrachloroeth...	10.764	84	26499	5.26	ug/L	0.00
Spiked Amount 5.000	Range 65	- 120	Recovery	=	105.20%	
66) 1,2-Dichlorobenzene-d4	12.201	152	30838	5.18	ug/L	0.00
Spiked Amount 5.000	Range 80	- 120	Recovery	=	103.60%	
Target Compounds						
						Qvalue
3) Chloromethane	1.523	50	522	0.11	ug/L #	79
13) Acetone	2.668	43	1530	1.28	ug/L	82
15) Methyl Acetate	2.732	43	229	0.10	ug/L #	48
17) Methyl tert-butyl Ether	3.378	73	3005	0.23	ug/L #	89
21) 2-Butanone	4.819	43	38491	19.49	ug/L #	43
25) Chloroform	5.099	83	1688	0.17	ug/L	76
34) Trichloroethene	6.555	95	1074	0.20	ug/L	87
35) Methylcyclohexane	6.700	83	7446	0.98	ug/L #	19
37) 1,2-Dichloropropane	6.700	63	3828	0.69	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	1023	0.13	ug/L #	80
47) Tetrachloroethene	8.562	164	37057	8.56	ug/L	96
48) 2-Hexanone	8.697	43	4442	1.21	ug/L #	75
49) Dibromochloromethane	8.562	129	34636	6.58	ug/L #	9
61) 1,2,3-Trichloropropane	11.815	75	4296	1.20	ug/L #	57

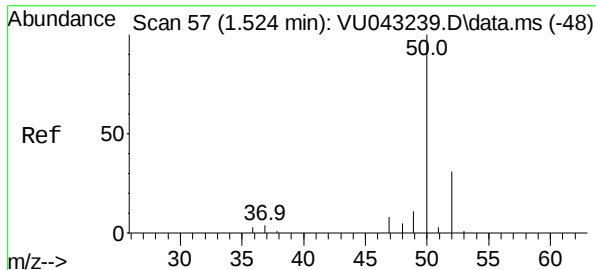
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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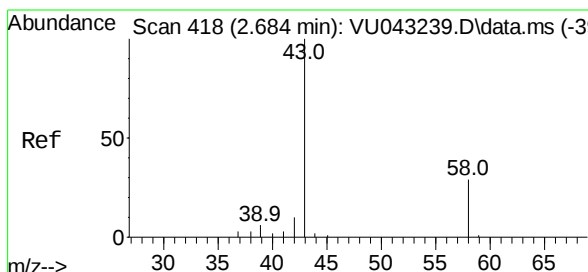
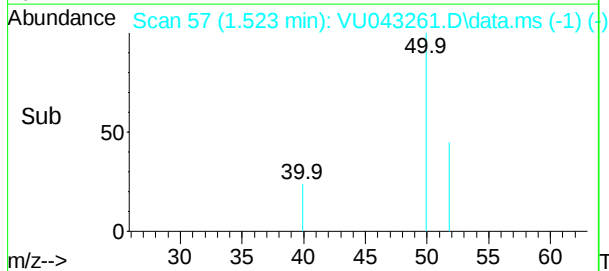
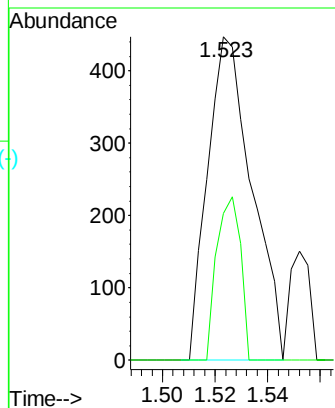
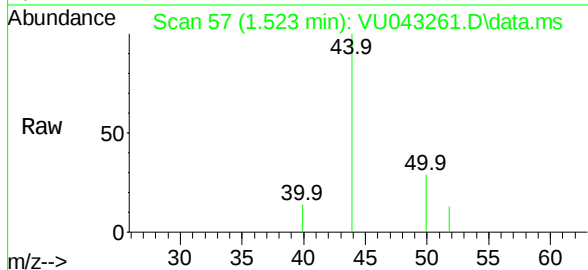




Chloromethane
Concen: 0.11 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU043261.D
Acq: 21 Apr 2021 19:31

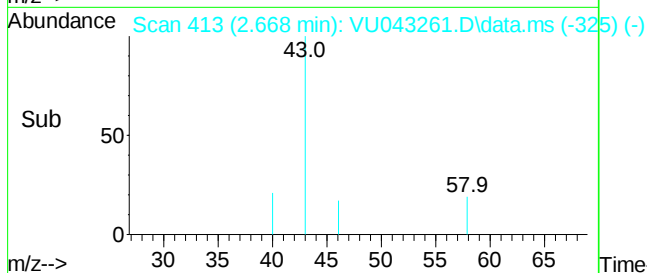
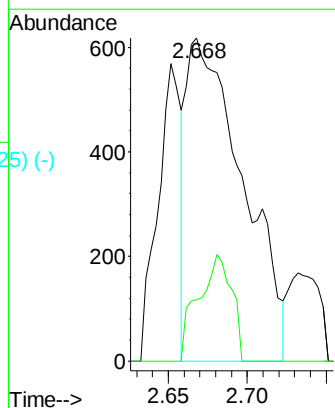
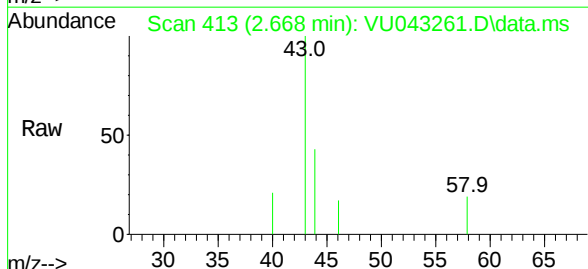
Instrument :
MSVOA_U
ClientSampled :

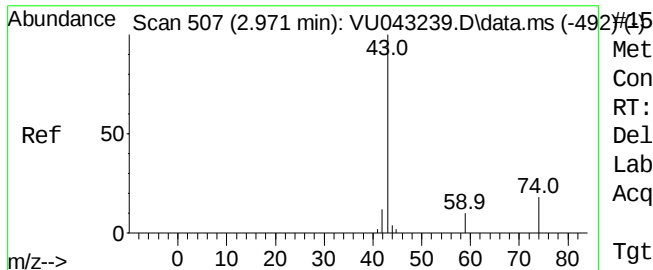
Tgt Ion: 50 Resp: 522
Ion Ratio Lower Upper
50 100
52 45.4 23.6 43.8#



Acetone
Concen: 1.28 ug/L
RT: 2.668 min Scan# 413
Delta R.T. -0.017 min
Lab File: VU043261.D
Acq: 21 Apr 2021 19:31

Tgt Ion: 43 Resp: 1530
Ion Ratio Lower Upper
43 100
58 19.5 0.0 25.0

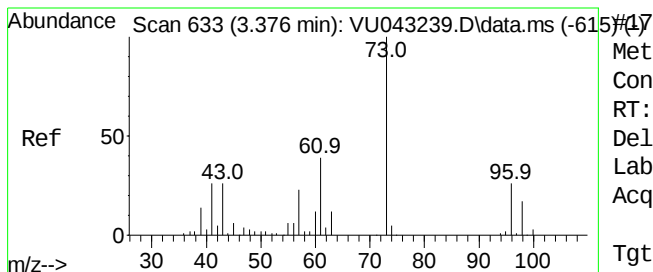
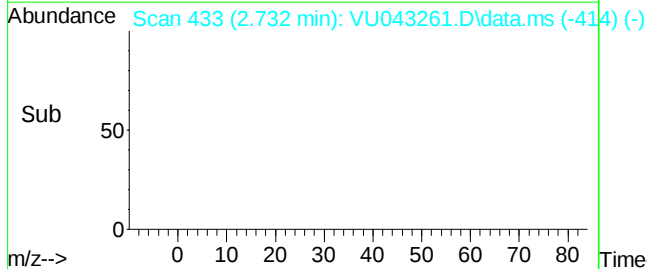
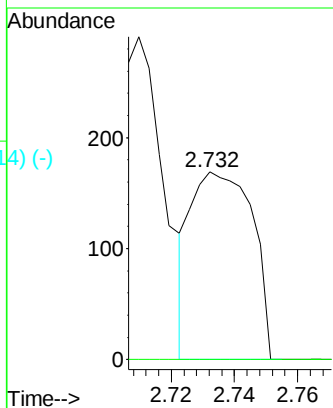
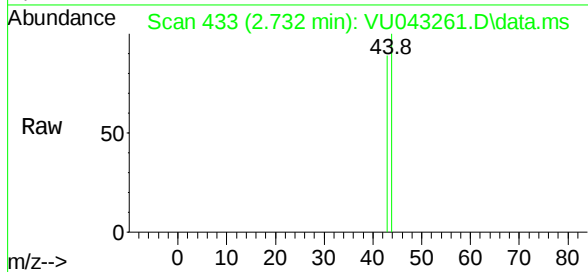




Methyl Acetate
 Concen: 0.10 ug/L
 RT: 2.732 min Scan# 433
 Delta R.T. -0.238 min
 Lab File: VU043261.D
 Acq: 21 Apr 2021 19:31

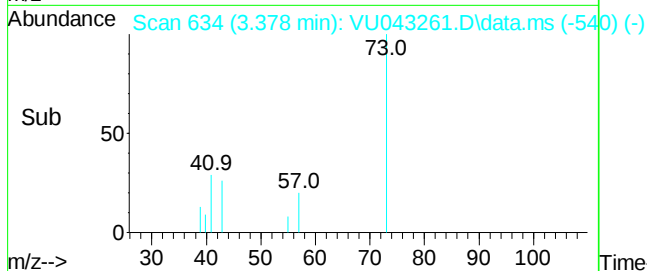
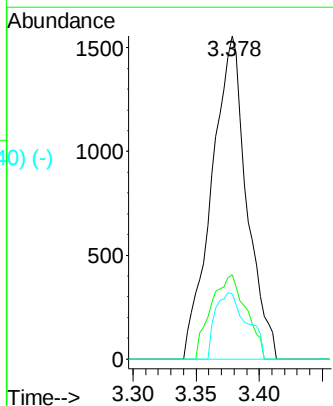
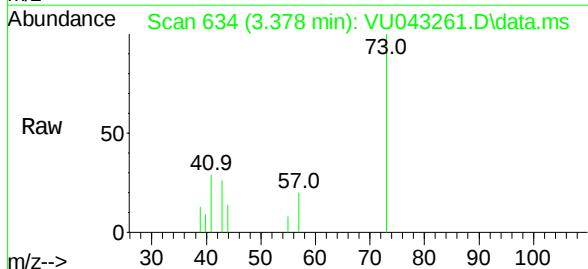
Instrument :
 MSVOA_U
 ClientSampled :

Tgt Ion: 43 Resp: 229
 Ion Ratio Lower Upper
 43 100
 74 0.0 21.5 32.3#

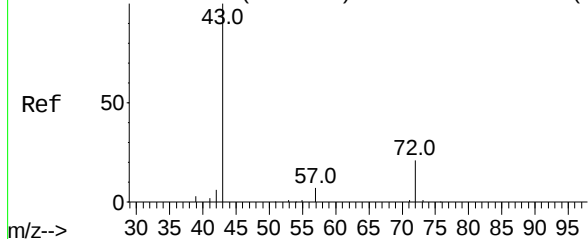


Methyl tert-butyl Ether
 Concen: 0.23 ug/L
 RT: 3.378 min Scan# 634
 Delta R.T. 0.003 min
 Lab File: VU043261.D
 Acq: 21 Apr 2021 19:31

Tgt Ion: 73 Resp: 3005
 Ion Ratio Lower Upper
 73 100
 43 26.1 15.0 22.4#
 57 18.5 17.3 25.9



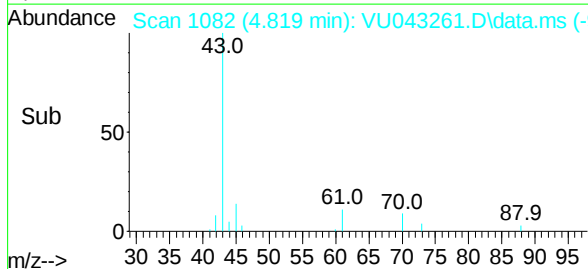
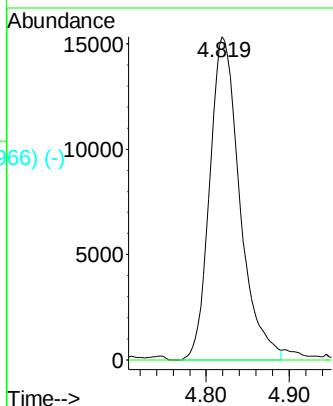
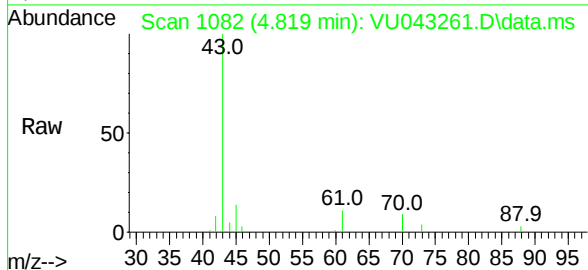
Abundance Scan 1059 (4.745 min): VU043239.D\data.ms (-10321-)



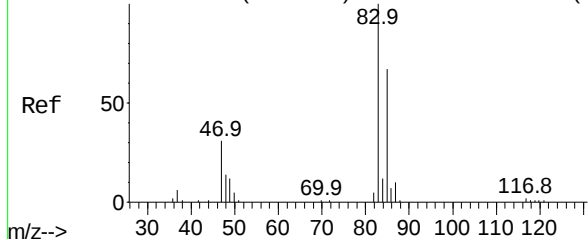
2-Butanone
Concen: 19.49 ug/L
RT: 4.819 min Scan# 1082
Delta R.T. 0.074 min
Lab File: VU043261.D
Acq: 21 Apr 2021 19:31

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 38491
Ion Ratio Lower Upper
43 100
72 0.0 15.8 47.3#

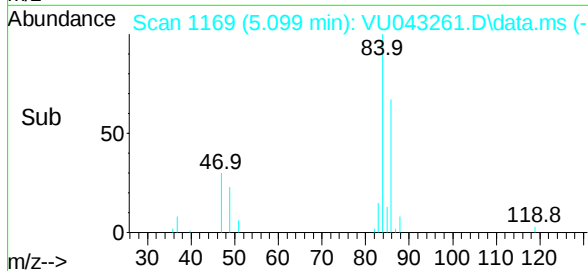
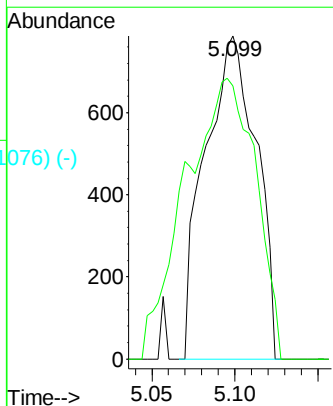
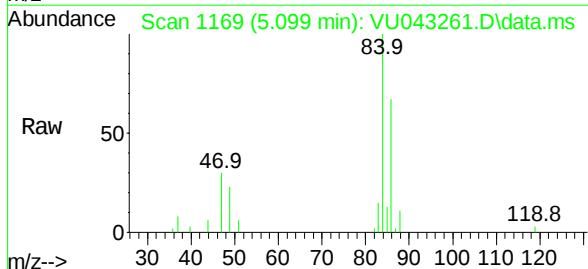


Abundance Scan 1169 (5.099 min): VU043239.D\data.ms (-11525-)



Chloroform
Concen: 0.17 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043261.D
Acq: 21 Apr 2021 19:31

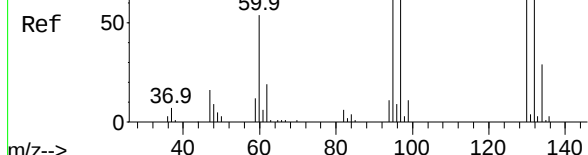
Tgt Ion: 83 Resp: 1688
Ion Ratio Lower Upper
83 100
85 84.5 45.6 84.8



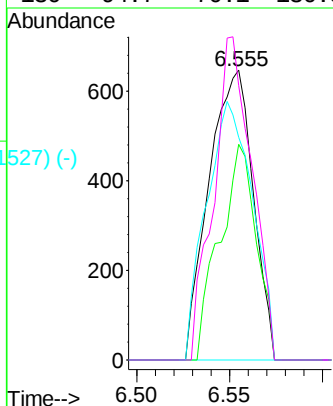
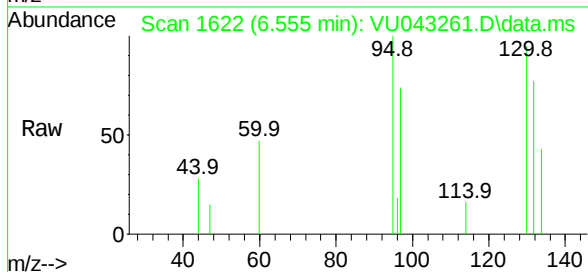
Abundance Scan 1620 (6.549 min): VU043239.D\data.ms (-16074-)

Trichloroethene
Concen: 0.20 ug/L
RT: 6.555 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VU043261.D
Acq: 21 Apr 2021 19:31

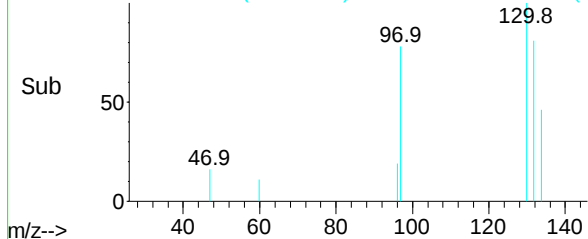
Instrument :
MSVOA_U
ClientSampled :



Tgt Ion:	95	Resp:	1074
Ion	Ratio	Lower	Upper
95	100		
97	74.3	45.8	85.2
132	77.0	68.7	127.7
130	94.7	70.1	130.3



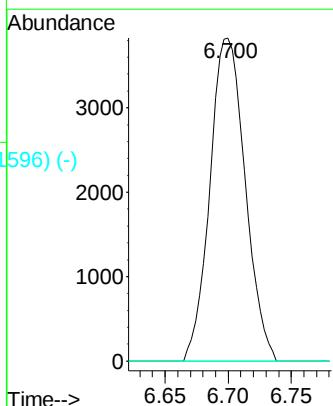
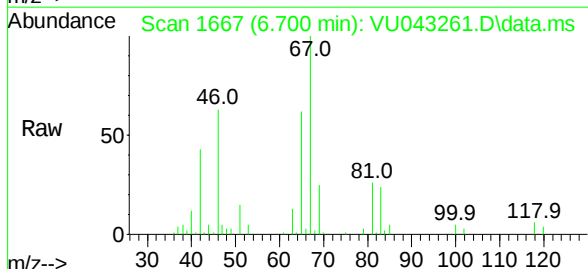
Abundance Scan 1622 (6.555 min): VU043261.D\data.ms (-1527-)



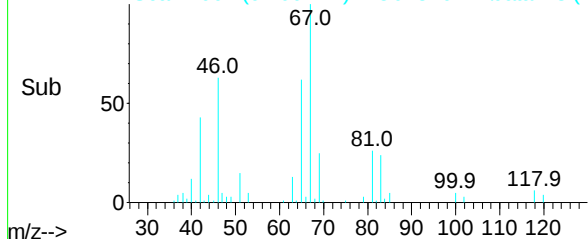
Abundance Scan 1689 (6.771 min): VU043239.D\data.ms (-16735-)

Methylcyclohexane
Concen: 0.98 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043261.D
Acq: 21 Apr 2021 19:31

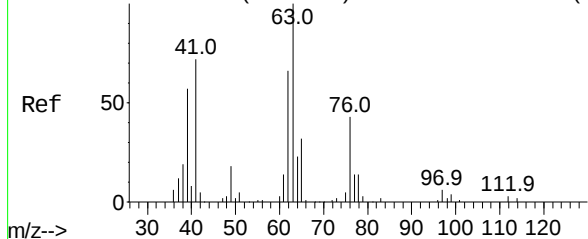
Tgt Ion:	83	Resp:	7446
Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	0.0	37.9	56.9#



Abundance Scan 1667 (6.700 min): VU043261.D\data.ms (-1596-)



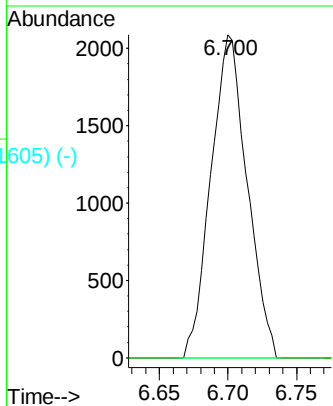
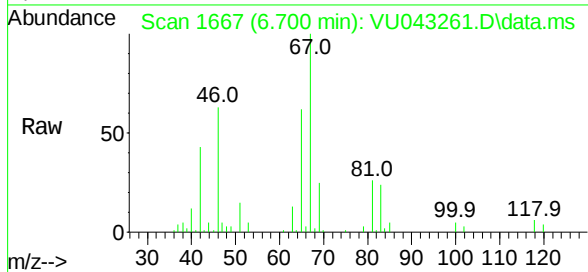
Abundance Scan 1698 (6.800 min): VU043239.D\data.ms (-16697-)



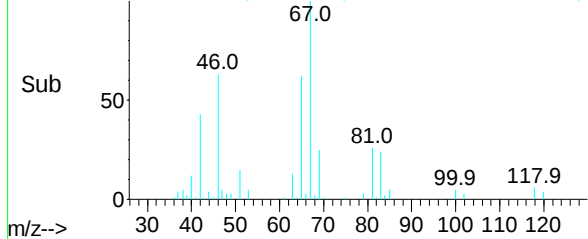
1,2-Dichloropropane
Concen: 0.69 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043261.D
Acq: 21 Apr 2021 19:31

Instrument :
MSVOA_U
ClientSampled :

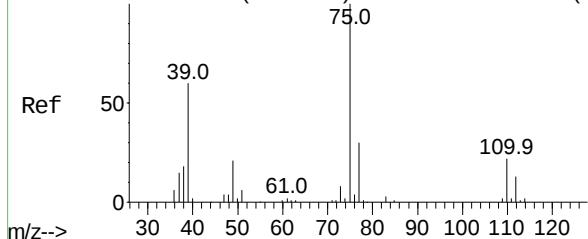
Tgt Ion: 63 Resp: 3828
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



Abundance Scan 1667 (6.700 min): VU043261.D\data.ms (-1605-)

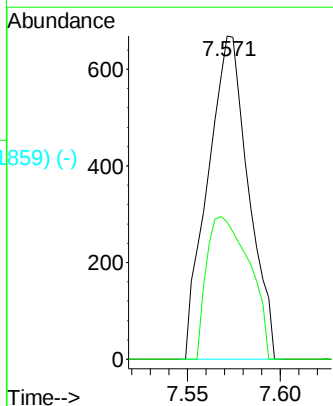
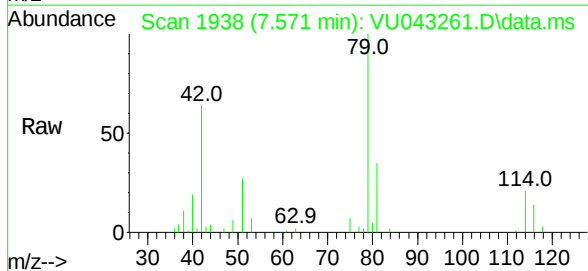


Abundance Scan 1952 (7.617 min): VU043239.D\data.ms (-19389-)

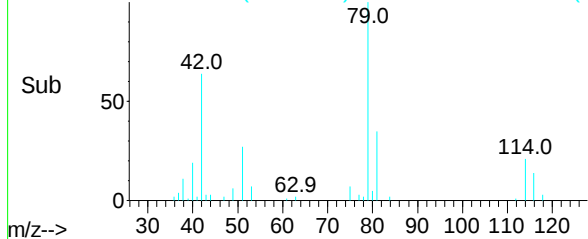


cis-1,3-Dichloropropene
Concen: 0.13 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU043261.D
Acq: 21 Apr 2021 19:31

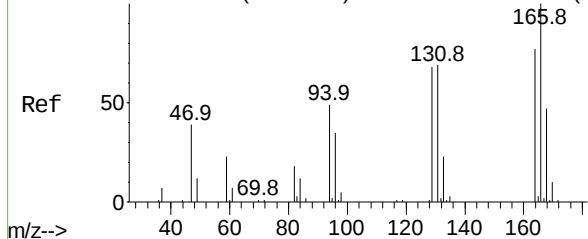
Tgt Ion: 75 Resp: 1023
Ion Ratio Lower Upper
75 100
77 42.3 21.8 40.6#



Abundance Scan 1938 (7.571 min): VU043261.D\data.ms (-1859-)



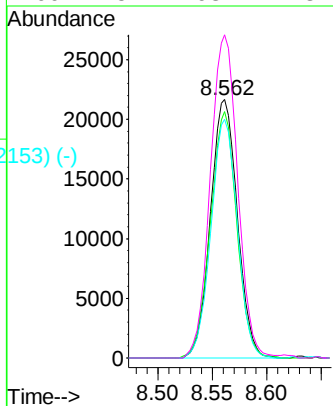
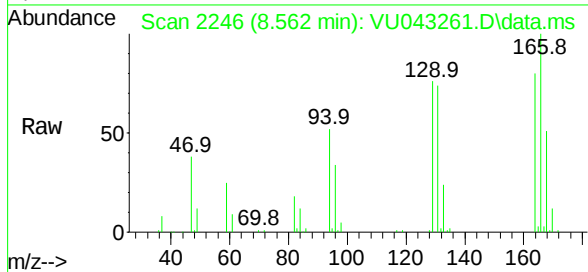
Abundance Scan 2246 (8.562 min): VU043239.D\data.ms (-2239) (-)



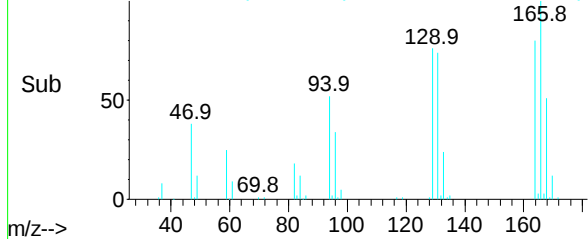
Tetrachloroethene
Concen: 8.56 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU043261.D
Acq: 21 Apr 2021 19:31

Instrument :
MSVOA_U
ClientSampled :

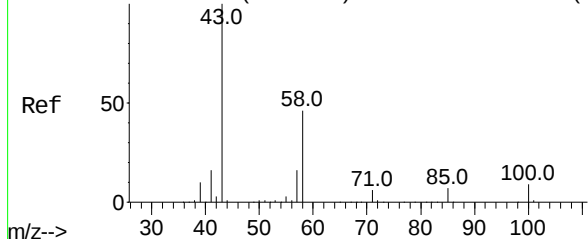
Tgt Ion:	164	Resp:	37057
Ion	Ratio	Lower	Upper
164	100		
129	95.4	66.6	123.8
131	92.5	65.9	122.3
166	125.1	93.7	173.9



Abundance Scan 2246 (8.562 min): VU043261.D\data.ms (-2153) (-)

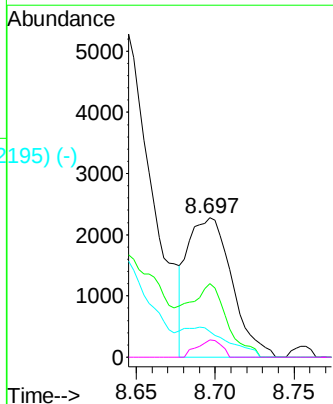
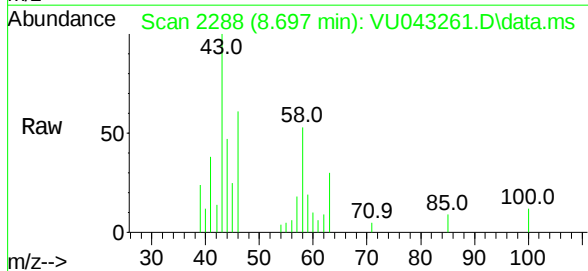


Abundance Scan 2288 (8.697 min): VU043239.D\data.ms (-2279) (-)

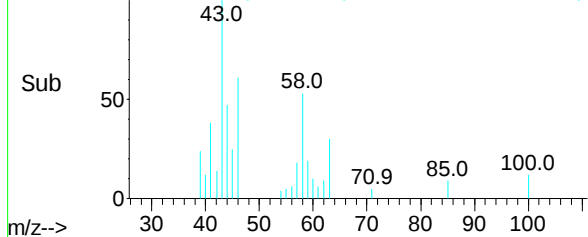


2-Hexanone
Concen: 1.21 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VU043261.D
Acq: 21 Apr 2021 19:31

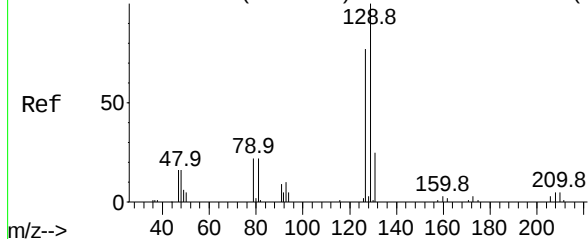
Tgt Ion:	43	Resp:	4442
Ion	Ratio	Lower	Upper
43	100		
58	36.5	50.0	75.0#
57	20.7	17.4	26.0
100	6.8	11.8	17.8#



Abundance Scan 2288 (8.697 min): VU043261.D\data.ms (-2195) (-)



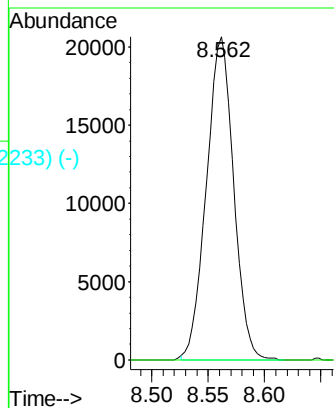
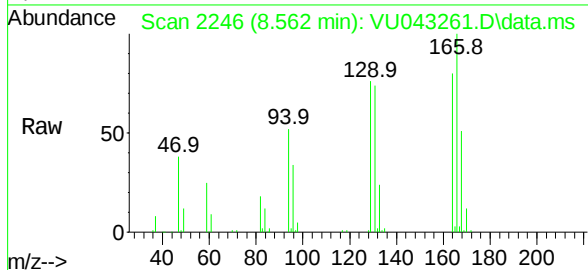
Abundance Scan 2326 (8.819 min): VU043239.D\data.ms (-2319) (-)



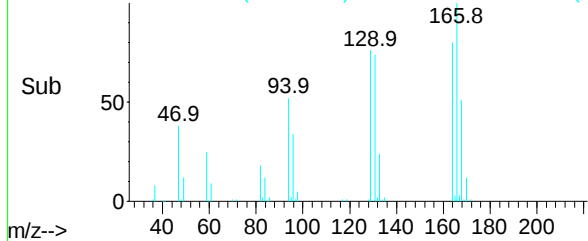
Dibromochloromethane
Concen: 6.58 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.258 min
Lab File: VU043261.D
Acq: 21 Apr 2021 19:31

Instrument :
MSVOA_U
ClientSampled :

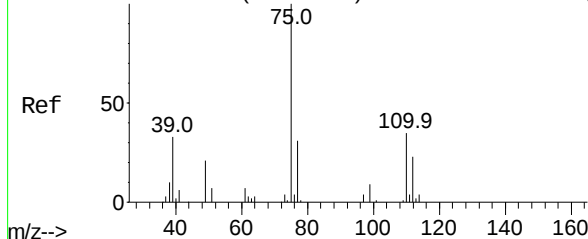
Tgt Ion:129 Resp: 34636
Ion Ratio Lower Upper
129 100
127 0.0 56.6 105.2#



Abundance Scan 2246 (8.562 min): VU043261.D\data.ms (-2233) (-)

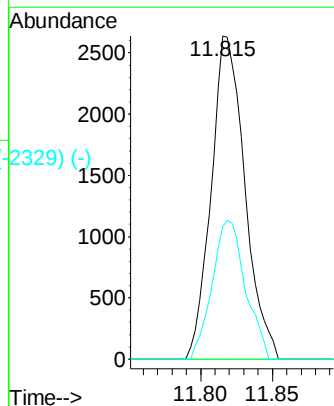
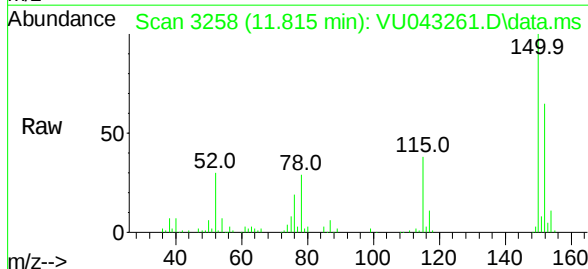


Abundance Scan 2951 (10.829 min): VU043239.D\data.ms (-2950) (-)



1,2,3-Trichloropropane
Concen: 1.20 ug/L
RT: 11.815 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU043261.D
Acq: 21 Apr 2021 19:31

Tgt Ion: 75 Resp: 4296
Ion Ratio Lower Upper
75 100
110 0.0 31.5 47.3#
77 42.5 26.3 39.5#



Abundance Scan 3258 (11.815 min): VU043261.D\data.ms (-2329) (-)

