

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120319\
 Data File : VU035956.D
 Acq On : 03 Dec 2019 18:45
 Operator : JC/SP
 Sample : K6105-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFE25

Quant Time: Dec 04 03:39:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 04 03:35:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	310244	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	336089	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	109585	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	162460	4.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.80%
7) Chloroethane-d5	1.93	69	133563	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.59	63	179082	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	4.70	46	345698	55.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.40%
24) Chloroform-d	5.11	84	228618	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.75	65	128063	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.77	84	454421	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.73	67	148349	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.93	98	373478	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%
43) trans-1,3-Dichloropropene-	8.22	79	57589	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.68	63	274284	53.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.14%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	129532	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	114667	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

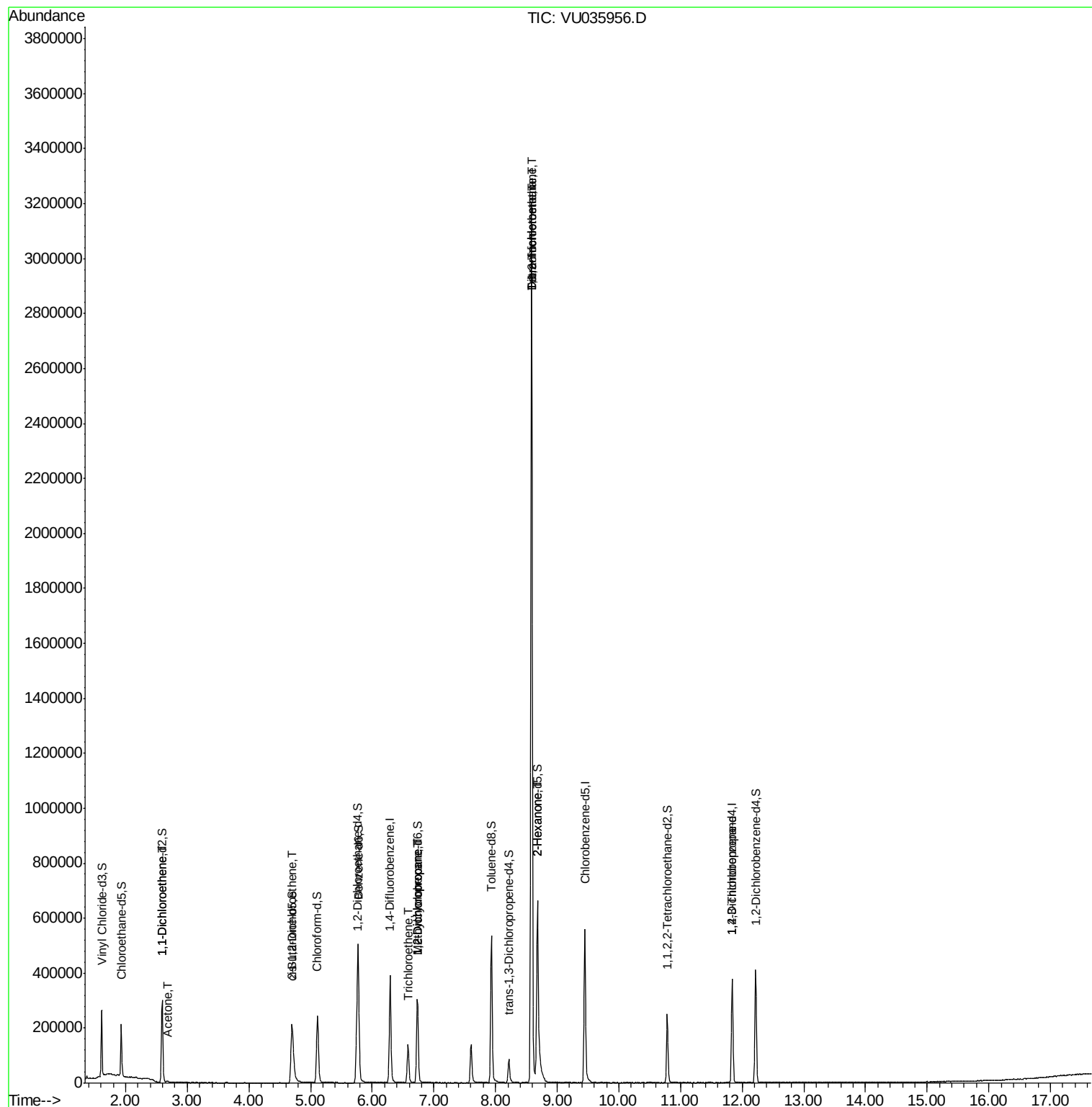
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	1848	0.083	ug/L #	1
13) Acetone	2.68	43	5661	1.000	ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	19796	0.796	ug/L	93
34) Trichloroethene	6.58	95	48346	1.809	ug/L	98
35) Methylcyclohexane	6.73	83	34425	0.859	ug/L #	17
37) 1,2-Dichloropropane	6.73	63	15959	0.558	ug/L #	89
45) 1,1,2-Trichloroethane	8.58	97	6133	0.315	ug/L #	1
47) Tetrachloroethene	8.58	164	743262	34.215	ug/L	98
48) 2-Hexanone	8.68	43	31814	2.561	ug/L #	70
49) Dibromochloromethane	8.58	129	682150	28.712	ug/L #	12
59) 1,2,3-Trichloropropane	11.84	75	13866	0.745	ug/L	96

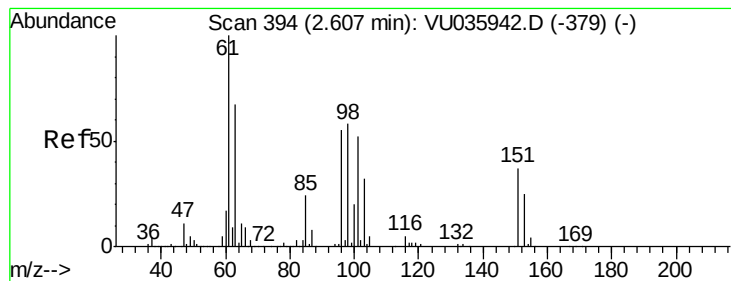
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.083 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU035956.D

Acq: 03 Dec 2019 18:45

Instrument :

MSVOA_U

ClientSampled :

BFE25

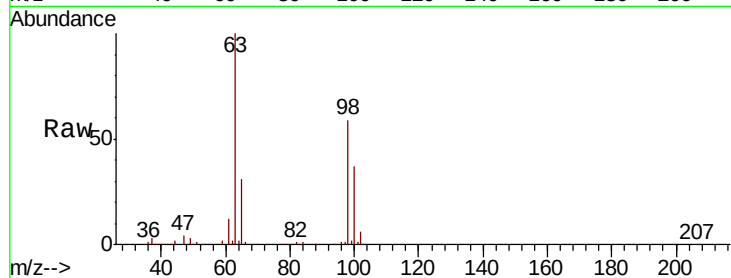
Tot Ion: 96 Resp: 1848

Ion Ratio Lower Upper

96 100

61 1045.2 127.1 236.1#

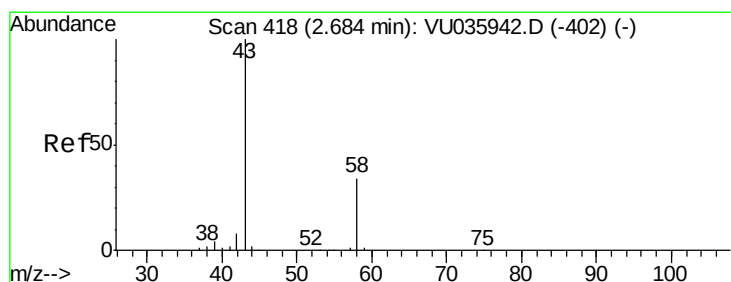
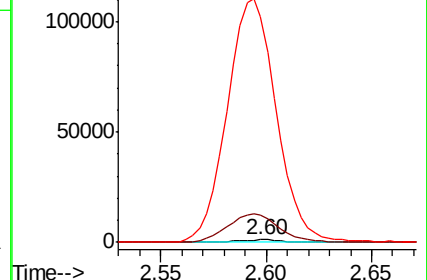
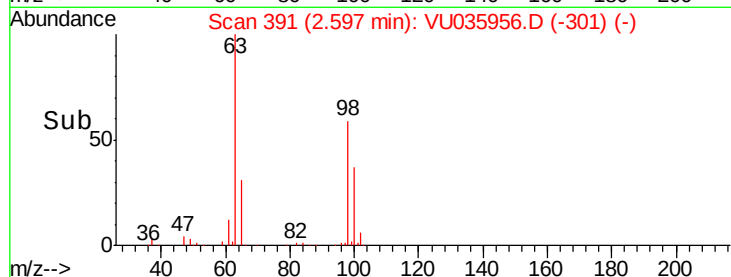
63 8829.0 86.0 159.8#



Abundance Ion 96.00 (95.70 to 96.70): VU035956.D (-301) (-)

Ion 61.05 (60.75 to 61.75): VU035956.D (-301) (-)

Ion 63.00 (62.70 to 63.70): VU035956.D (-301) (-)



#13

Acetone

Concen: 1.000 ug/L

RT: 2.68 min Scan# 418

Delta R.T. 0.00 min

Lab File: VU035956.D

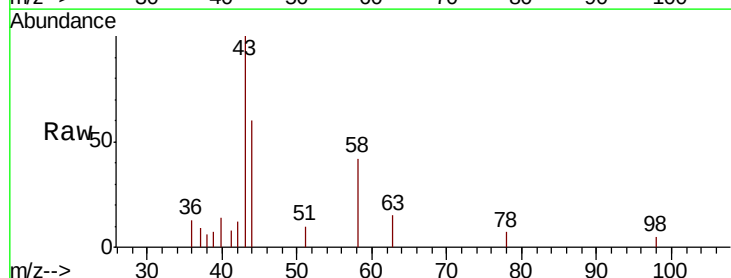
Acq: 03 Dec 2019 18:45

Tgt Ion: 43 Resp: 5661

Ion Ratio Lower Upper

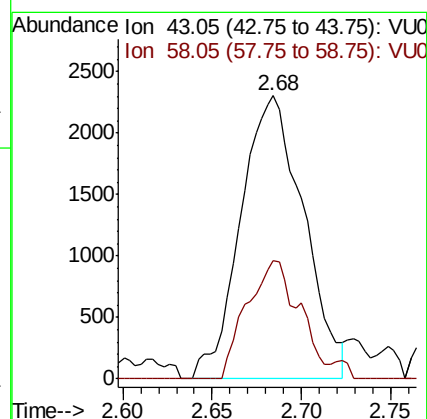
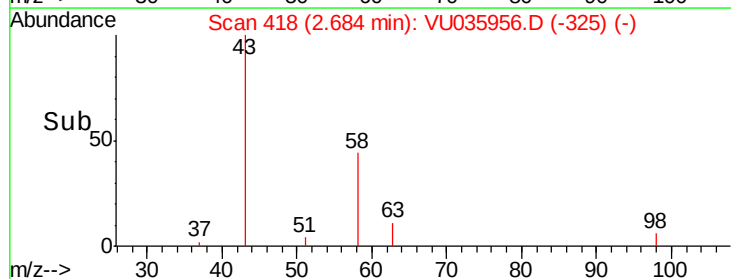
43 100

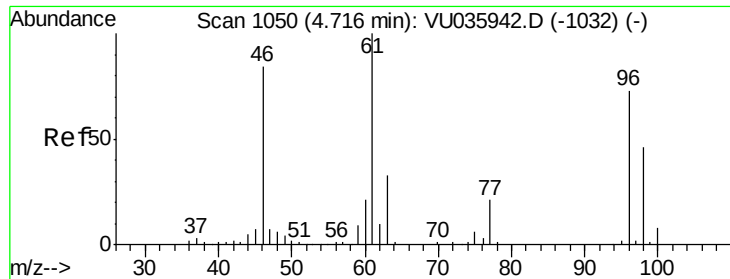
58 35.1 0.0 68.6



Abundance Ion 43.05 (42.75 to 43.75): VU035956.D (-325) (-)

Ion 58.05 (57.75 to 58.75): VU035956.D (-325) (-)

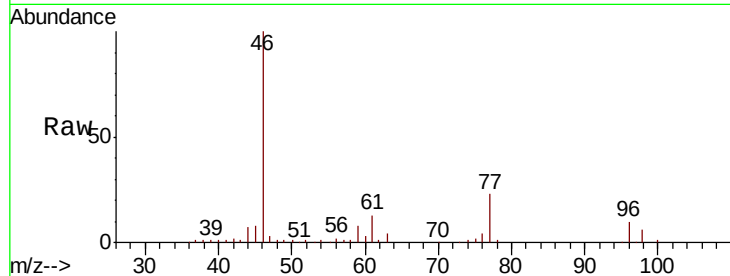




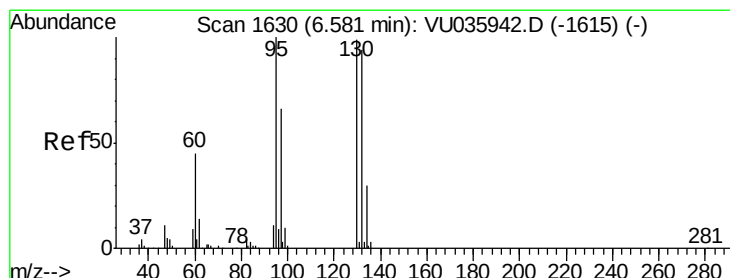
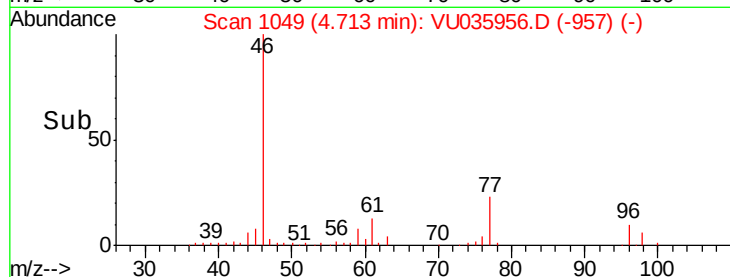
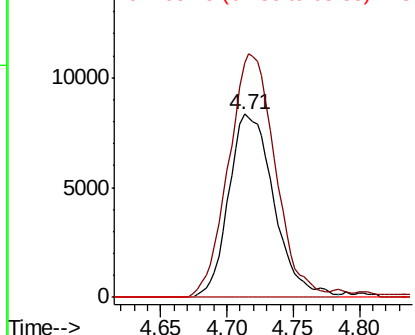
#22
 cis-1,2-Dichloroethene
 Concen: 0.796 ug/L
 RT: 4.71 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: VU035956.D
 Acq: 03 Dec 2019 18:45

Instrument :
 MSVOA_U
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 BFE25

Tot Ion: 96 Resp: 19796
 Ion Ratio Lower Upper
 96 100
 61 128.5 95.7 177.7
 68 0.0 0.0 0.0

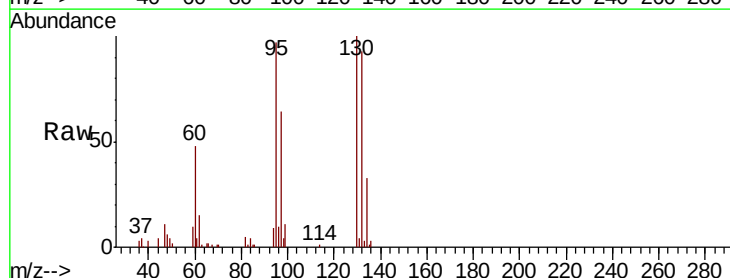


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

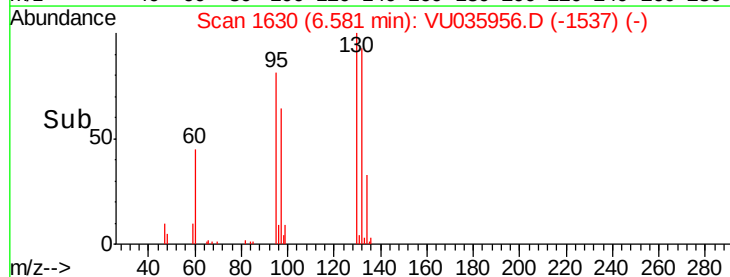
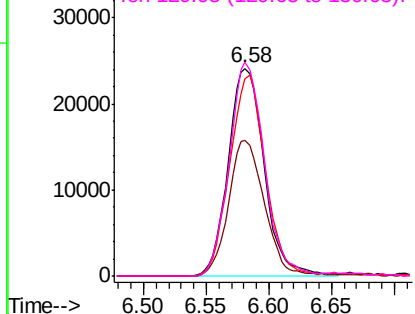


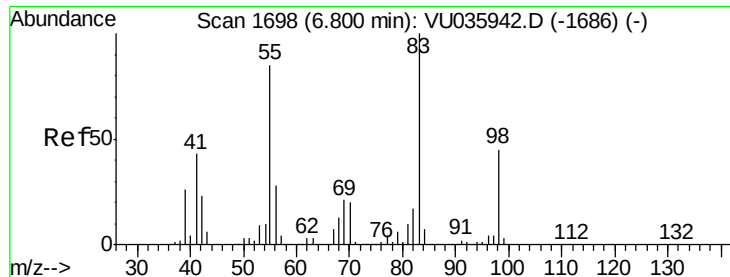
#34
 Trichloroethene
 Concen: 1.809 ug/L
 RT: 6.58 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: VU035956.D
 Acq: 03 Dec 2019 18:45

Tgt Ion: 95 Resp: 48346
 Ion Ratio Lower Upper
 95 100
 97 65.4 46.3 85.9
 132 95.1 65.7 122.1
 130 102.7 69.2 128.6



Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

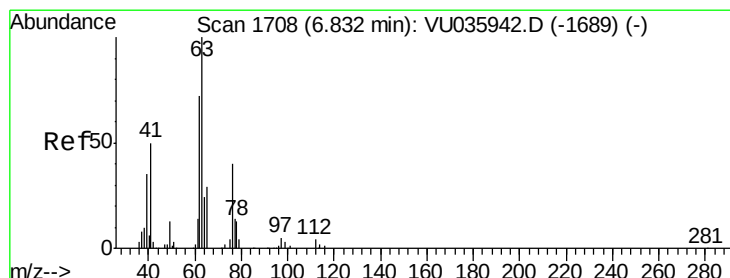
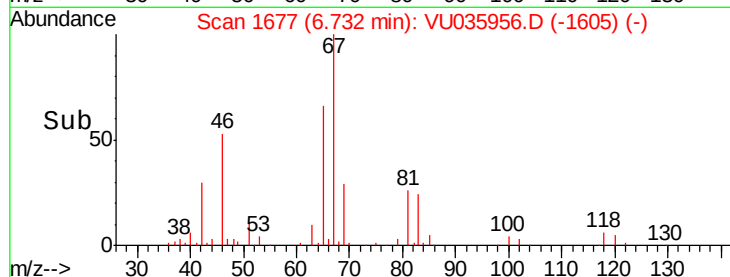
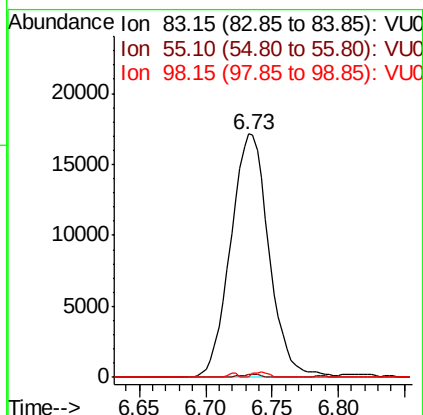
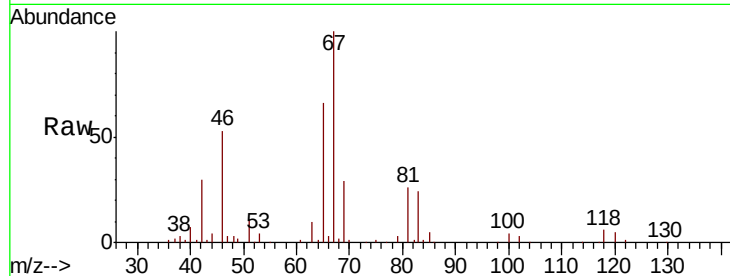




#35
Methylvlcyclohexane
Concen: 0.859 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU035956.D
Acq: 03 Dec 2019 18:45

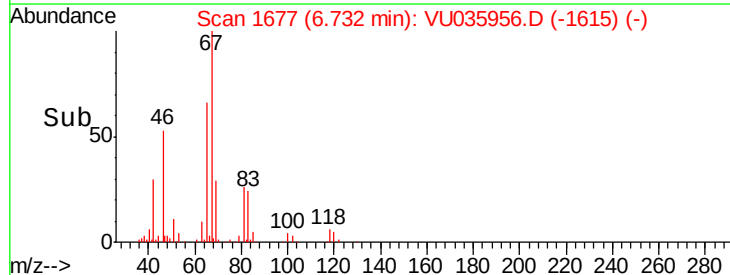
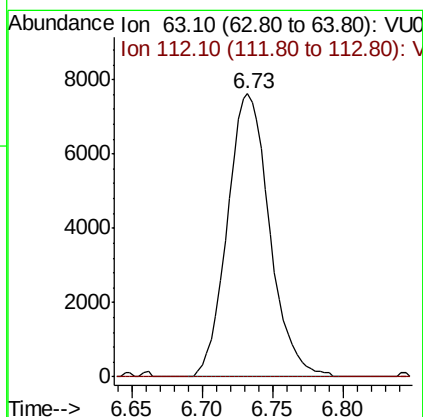
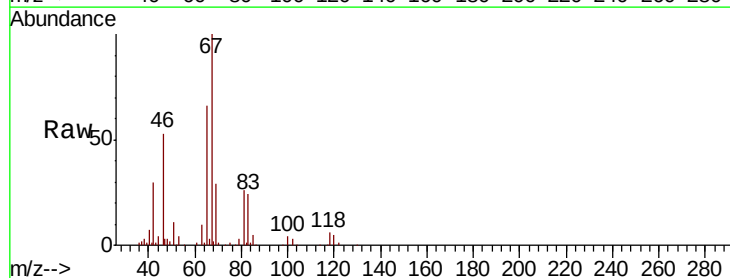
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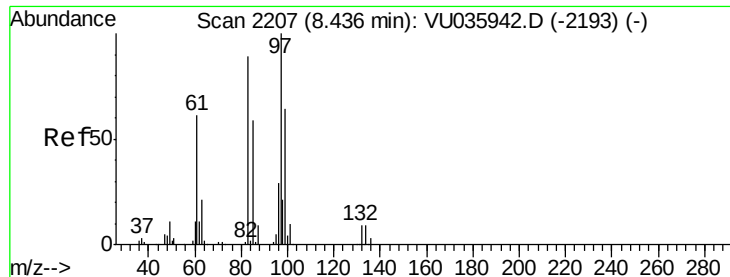
Tot Ion: 83 Resp: 34425
Ion Ratio Lower Upper
83 100
55 0.7 67.4 101.0#
98 0.9 34.6 52.0#



#37
1,2-Dichloropropane
Concen: 0.558 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035956.D
Acq: 03 Dec 2019 18:45

Tgt Ion: 63 Resp: 15959
Ion Ratio Lower Upper
63 100
112 0.5 3.3 4.9#

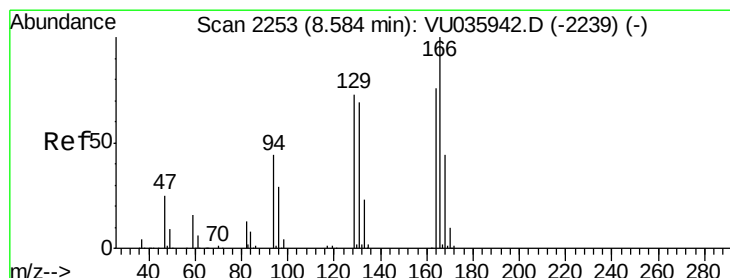
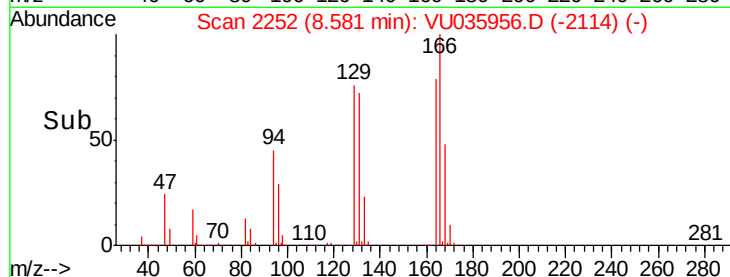
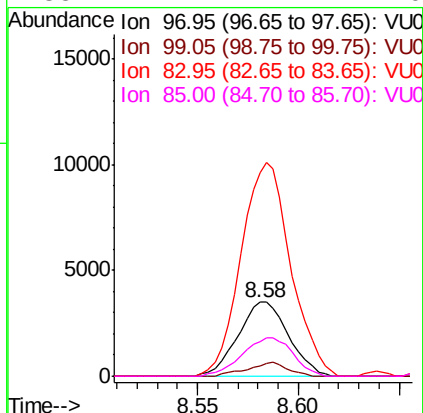
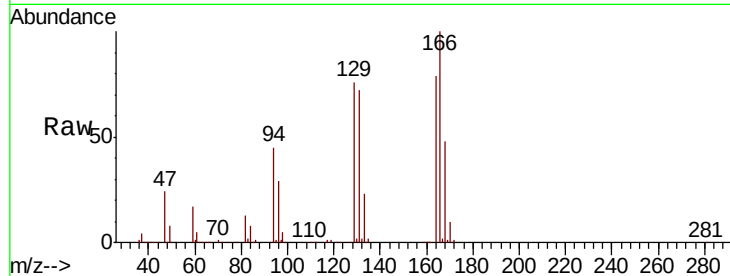




#45
 1,1,2-Trichloroethane
 Concen: 0.315 ug/L
 RT: 8.58 min Scan# 2252
 Delta R.T. 0.14 min
 Lab File: VU035956.D
 Acq: 03 Dec 2019 18:45

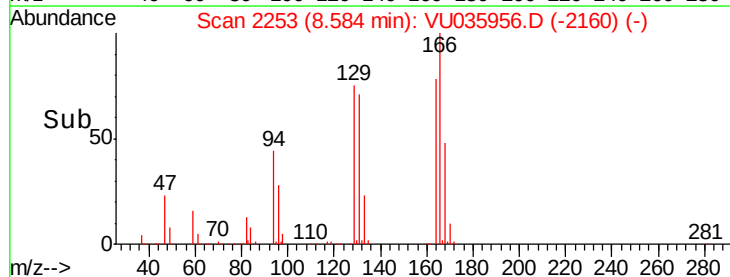
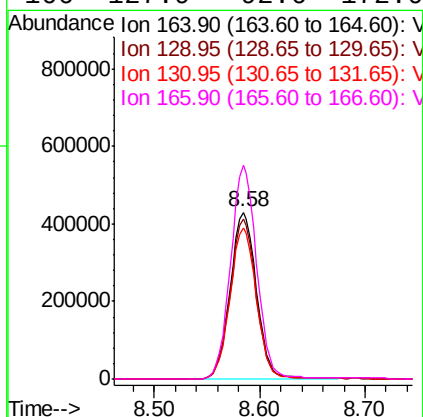
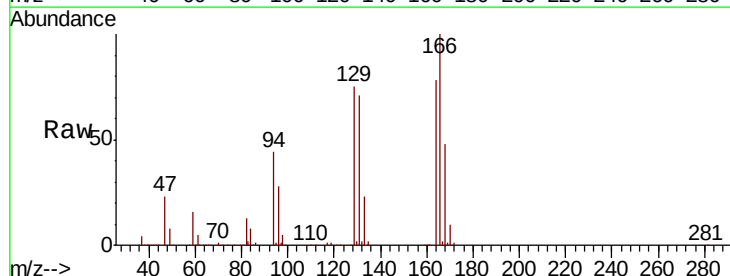
Instrument :
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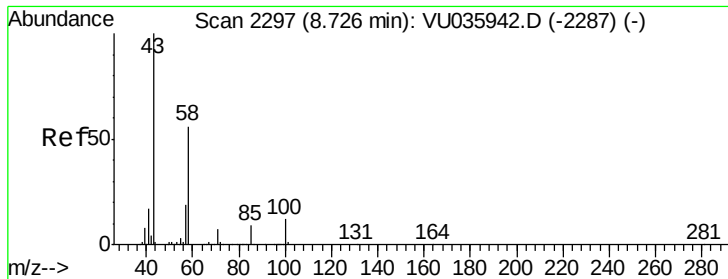
Tot Ion	Ion	Ratio	Lower	Upper
97	100			
99	14.4	45.0	83.6#	
83	275.6	62.1	115.3#	
85	47.1	41.4	77.0	



#47
 Tetrachloroethene
 Concen: 34.215 ug/L
 RT: 8.58 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VU035956.D
 Acq: 03 Dec 2019 18:45

Tgt Ion	Ion	Ratio	Lower	Upper
164	100			
129	96.0	67.9	126.1	
131	90.4	64.1	119.1	
166	127.9	92.6	172.0	

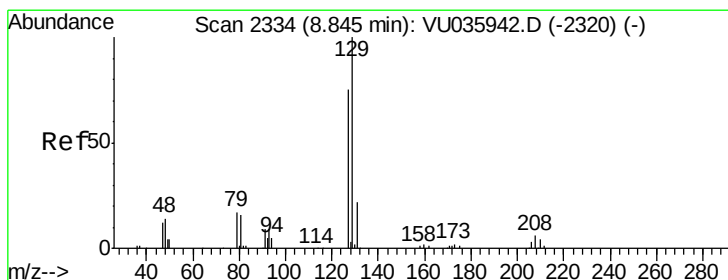
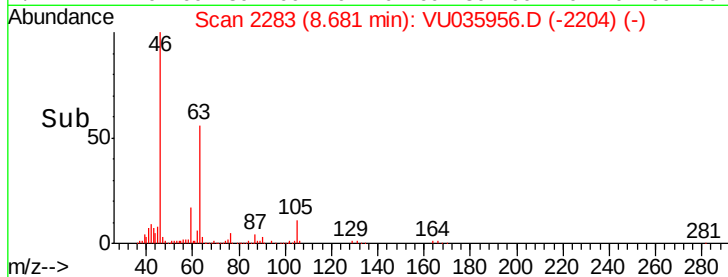
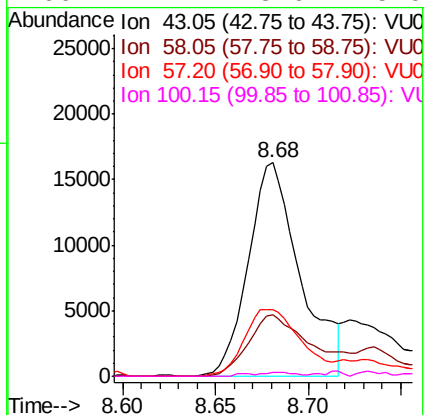
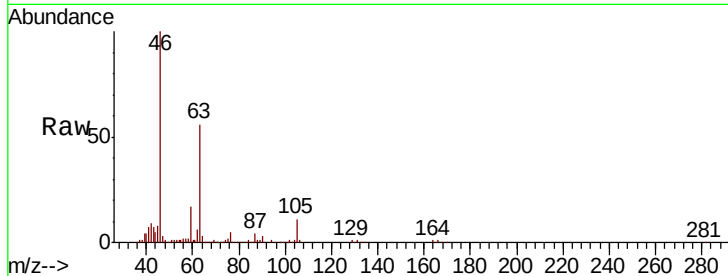




#48
2-Hexanone
Concen: 2.561 ug/L
RT: 8.68 min Scan# 2283
Delta R.T. -0.04 min
Lab File: VU035956.D
Acq: 03 Dec 2019 18:45

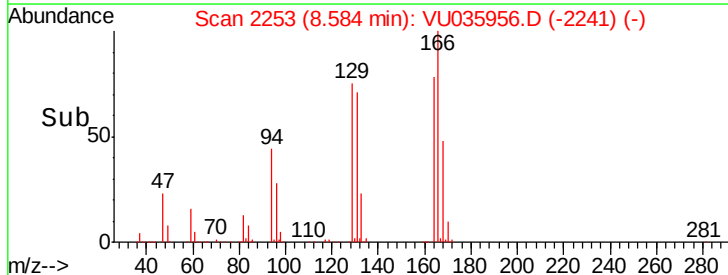
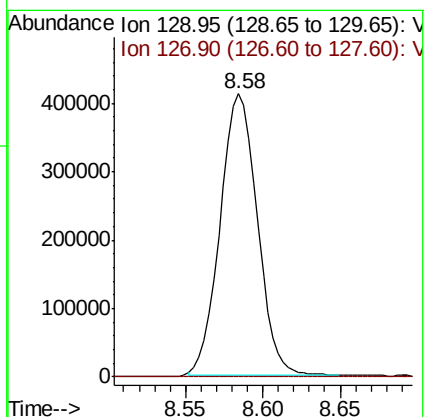
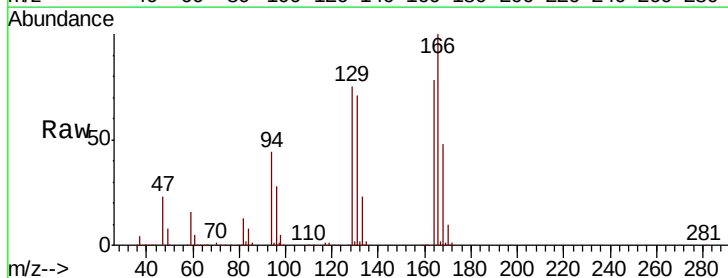
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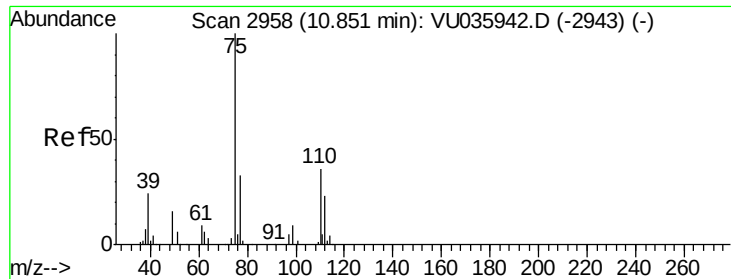
Tot Ion: 43 Resp: 31814
Ion Ratio Lower Upper
43 100
58 35.5 45.4 68.2#
57 34.0 14.9 22.3#
100 1.2 8.6 13.0#



#49
Dibromochloromethane
Concen: 28.712 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.26 min
Lab File: VU035956.D
Acq: 03 Dec 2019 18:45

Tgt Ion: 129 Resp: 682150
Ion Ratio Lower Upper
129 100
127 0.1 52.8 98.0#





#59

1,2,3-Trichloropropane

Concen: 0.745 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.99 min

Lab File: VU035956.D

Acq: 03 Dec 2019 18:45

Instrument :

MSVOA_U

ClientSampleId :

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Tot Ion: 75 Resp: 13866

Ion Ratio Lower Upper

75 100

77 35.6 26.6 39.8

