

Data File : VU035915.D
Acq On : 29 Nov 2019 12:08
Operator : JC/SP
Sample : VIBLK40
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Quant Time: Nov 30 03:23:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 30 03:20:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	223012	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	267879	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	98593	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	128798	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.93	69	124581	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.59	63	158083	2.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.40%#
20) 2-Butanone-d5	4.70	46	345994	51.32	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.64%
24) Chloroform-d	5.11	84	233486	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.75	65	130090	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.77	84	432609	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
36) 1,2-Dichloropropane-d6	6.73	67	151897	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.20%
41) Toluene-d8	7.93	98	339432	3.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.00%
43) trans-1,3-Dichloropropene-	8.21	79	52110	3.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.80%
46) 2-Hexanone-d5	8.68	63	248331	46.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.22%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	129129	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	107169	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

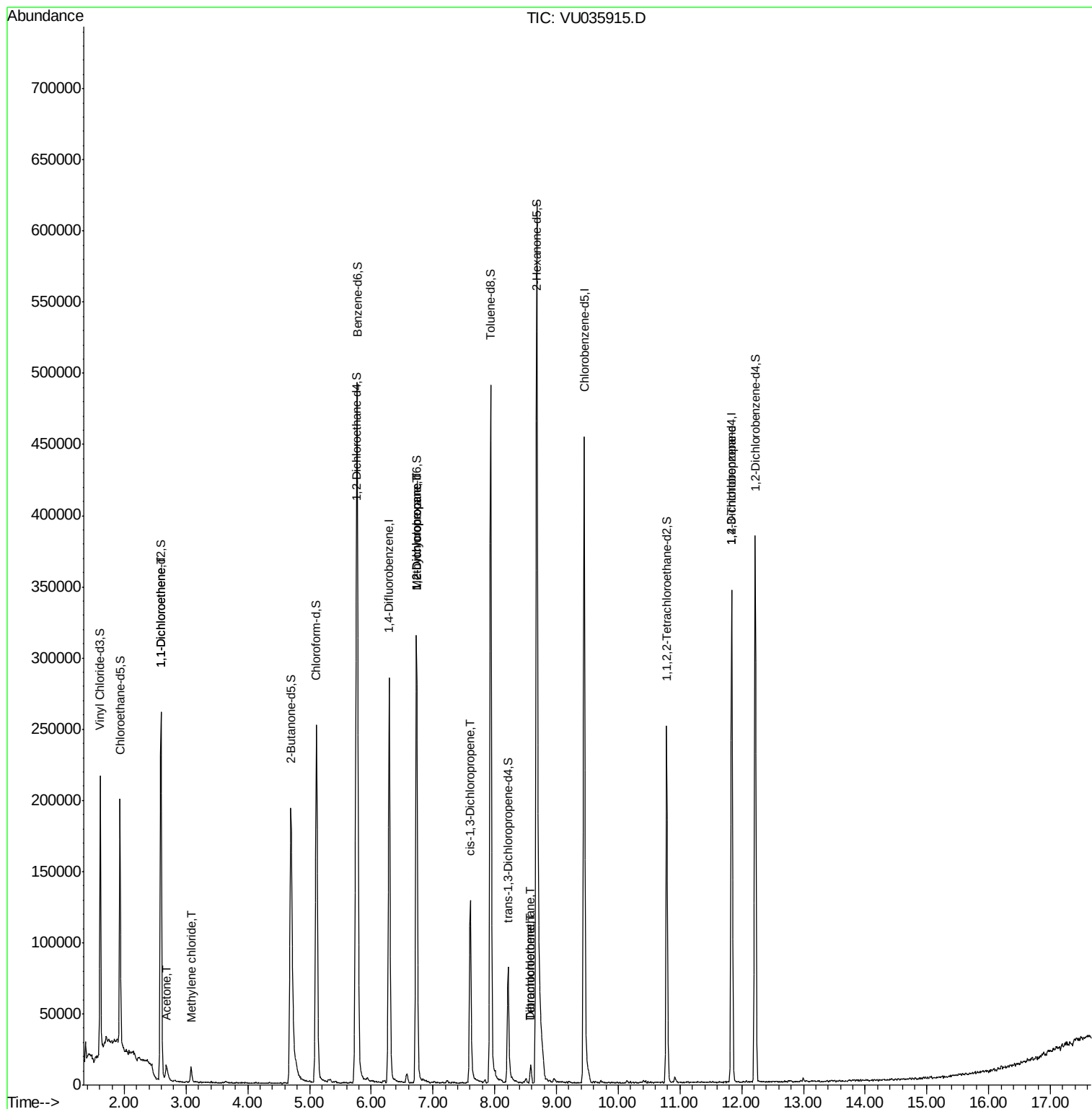
					Qvalue
12) 1,1-Dichloroethene	2.59	96	1433	0.062 ug/L #	1
13) Acetone	2.68	43	16162	2.729 ug/L	99
16) Methylene chloride	3.09	84	4965	0.177 ug/L	87
35) Methylcyclohexane	6.73	83	34555	0.859 ug/L #	14
37) 1,2-Dichloropropane	6.73	63	16357	0.516 ug/L #	90
39) cis-1,3-Dichloropropene	7.60	75	3909	0.095 ug/L #	45
47) Tetrachloroethene	8.58	164	2761	0.132 ug/L	88
49) Dibromochloromethane	8.58	129	2814	0.115 ug/L #	12
59) 1,2,3-Trichloropropane	11.84	75	12975	0.629 ug/L	96

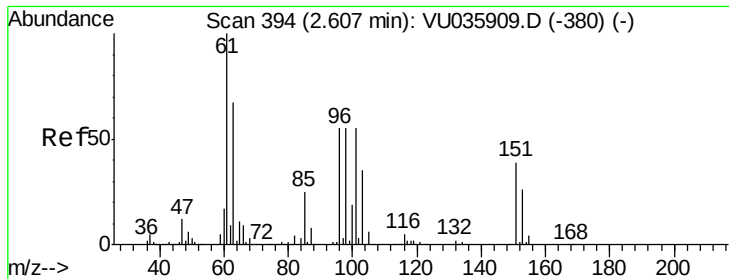
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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#12

1,1-Dichloroethene

Concen: 0.062 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU035915.D

Acq: 29 Nov 2019 12:08

Instrument :

MSVOA_U

ClientSampleId :

VIBLK40

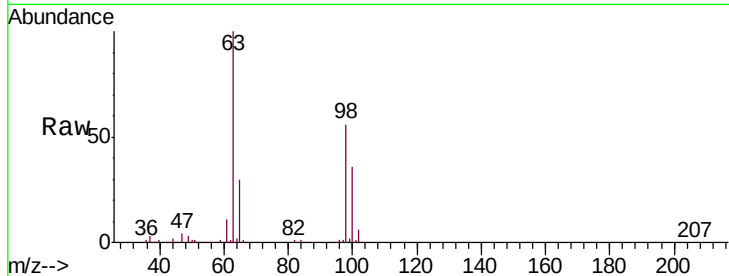
Tgt Ion: 96 Resp: 1433

Ion Ratio Lower Upper

96 100

61 1071.2 139.3 258.7#

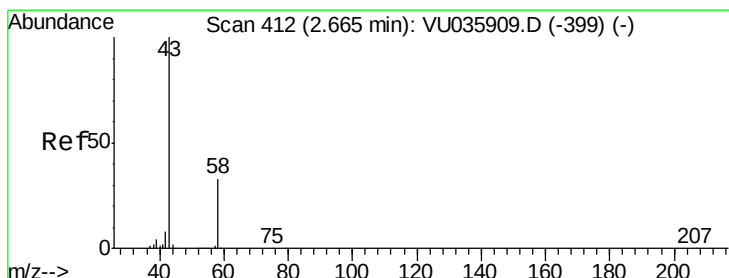
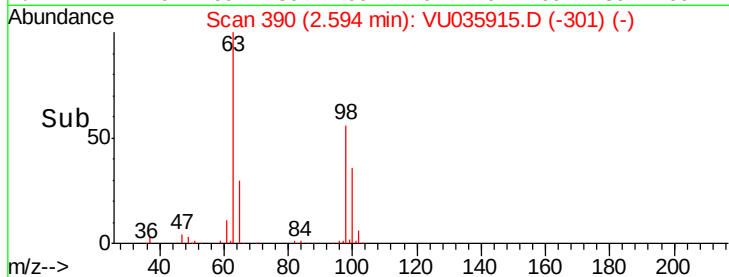
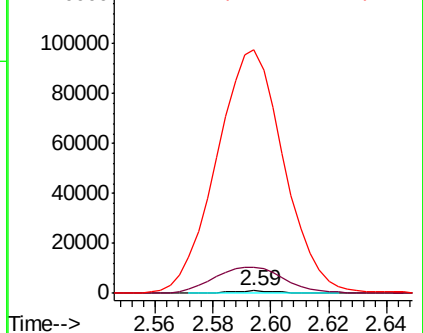
63 9955.1 93.7 174.1#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



#13

Acetone

Concen: 2.729 ug/L

RT: 2.68 min Scan# 418

Delta R.T. 0.02 min

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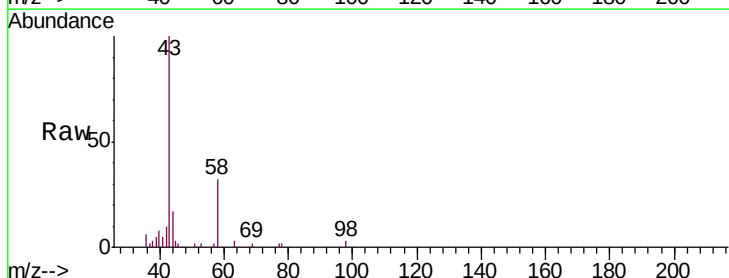
Acq: 29 Nov 2019 12:08

Tgt Ion: 43 Resp: 16162

Ion Ratio Lower Upper

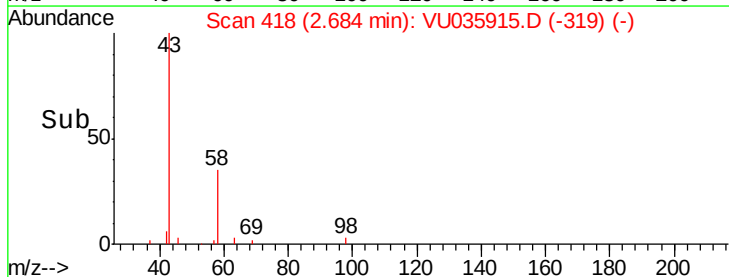
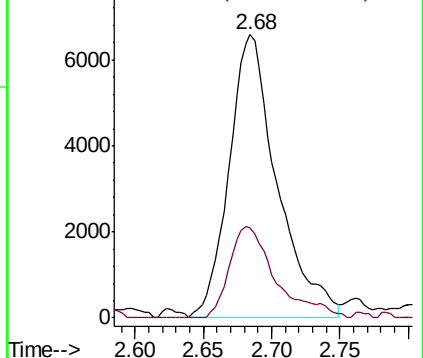
43 100

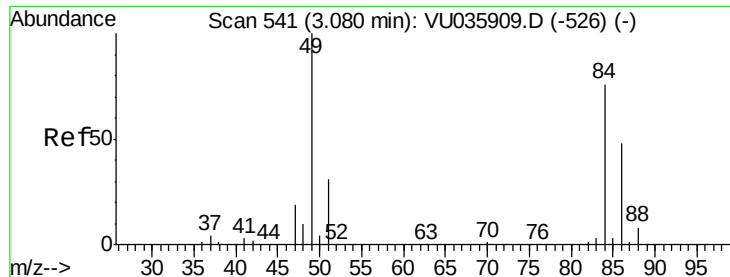
58 31.0 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

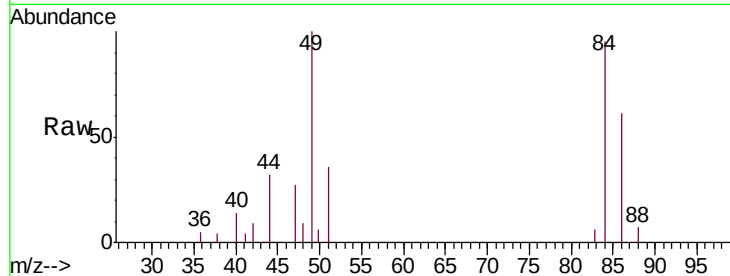




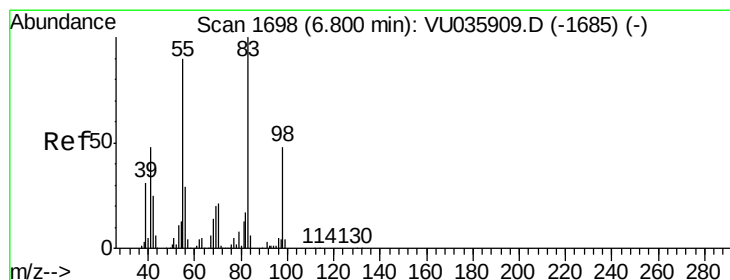
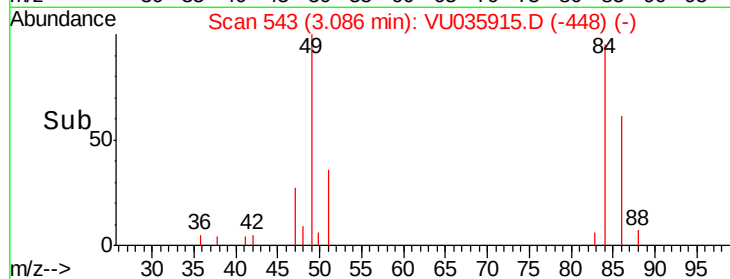
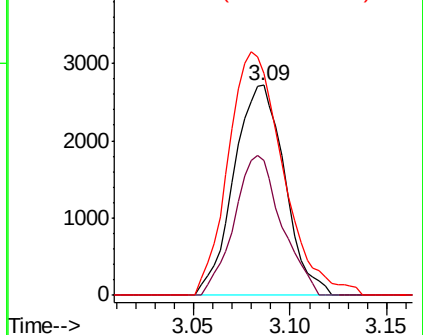
#16
Methylene chloride
Concen: 0.177 ug/L
RT: 3.09 min Scan# 543
Delta R.T. 0.01 min
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Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Tgt Ion: 84 Resp: 4965
Ion Ratio Lower Upper
84 100
86 64.2 44.4 82.5
49 112.2 94.0 174.6

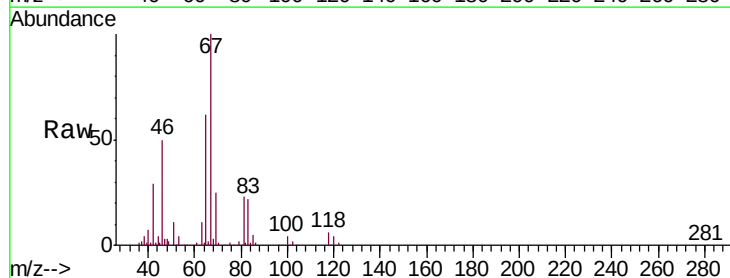


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

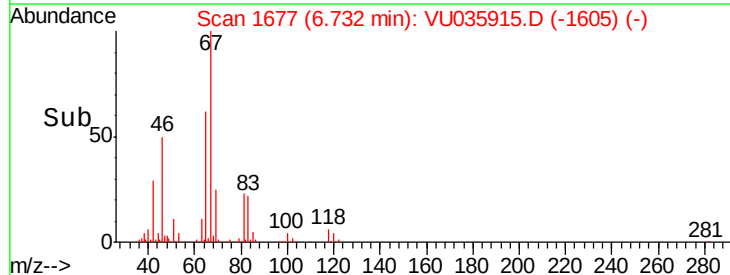
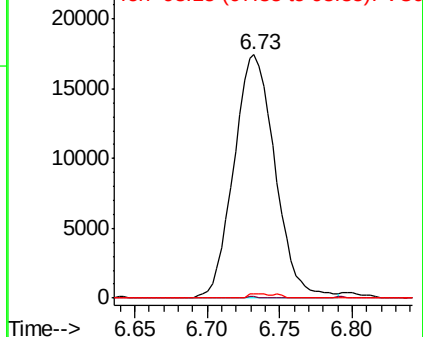


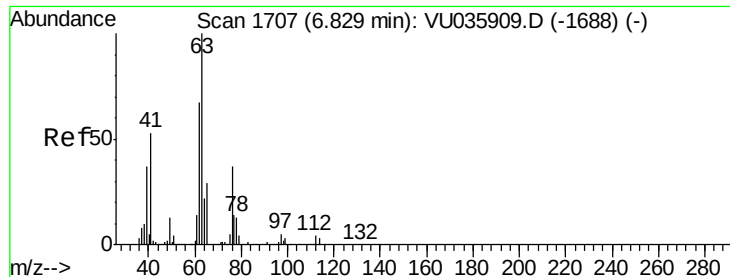
#35
Methylcyclohexane
Concen: 0.859 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU035915.D
Acq: 29 Nov 2019 12:08

Tgt Ion: 83 Resp: 34555
Ion Ratio Lower Upper
83 100
55 0.1 72.7 109.1#
98 1.1 36.2 54.4#



Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

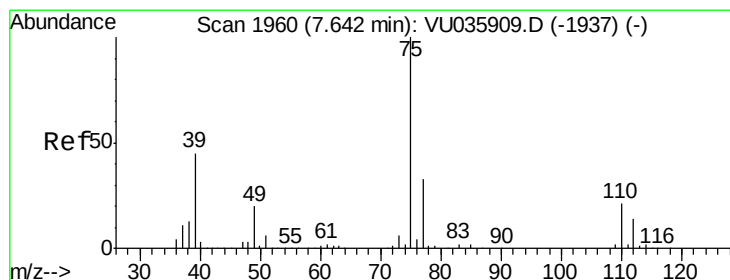
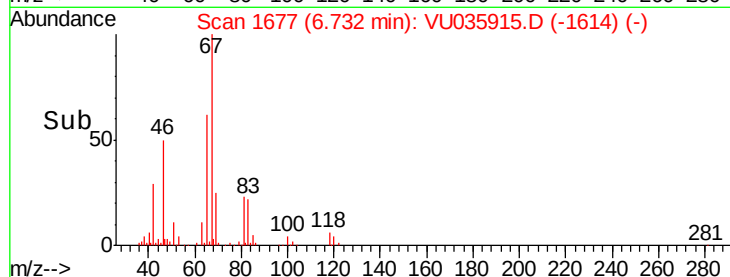
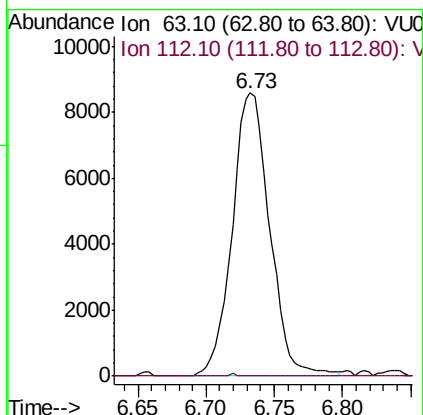
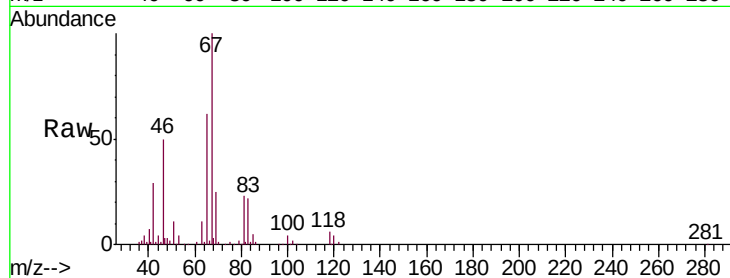




#37
 1,2-Dichloropropane
 Concen: 0.516 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.10 min
 Lab File: VU035915.D
 Acq: 29 Nov 2019 12:08

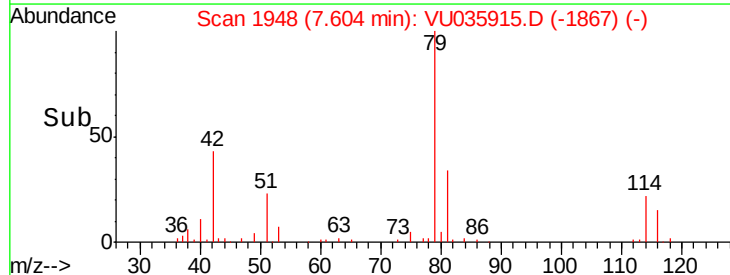
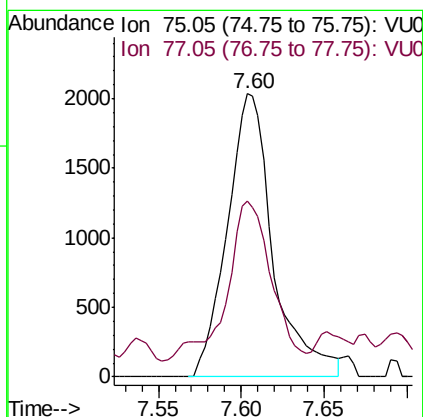
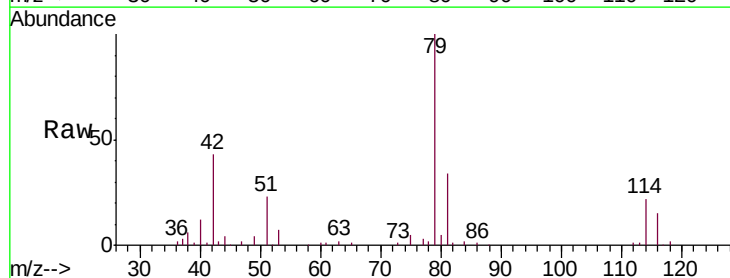
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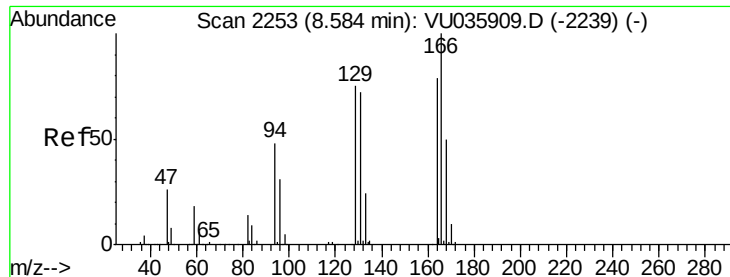
Tgt Ion: 63 Resp: 16357
 Ion Ratio Lower Upper
 63 100
 112 0.1 2.7 4.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.095 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
 Lab File: VU035915.D
 Acq: 29 Nov 2019 12:08

Tgt Ion: 75 Resp: 3909
 Ion Ratio Lower Upper
 75 100
 77 62.0 22.1 41.1#

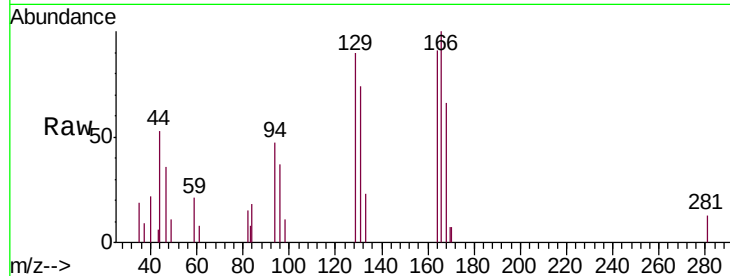




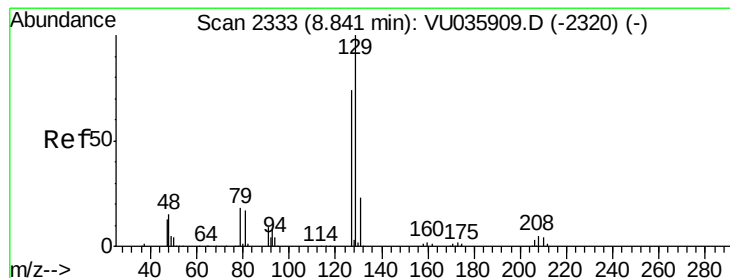
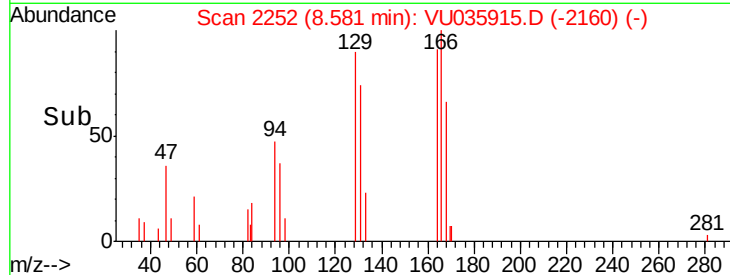
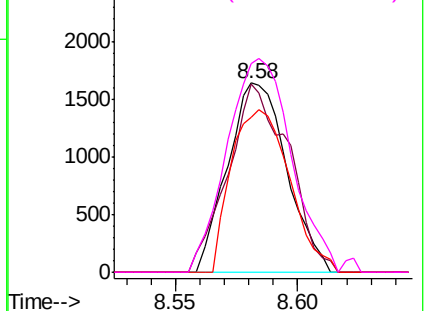
#47
Tetrachloroethene
Concen: 0.132 ug/L
RT: 8.58 min Scan# 2252
Delta R.T. -0.00 min
Lab File: VU035915.D
Acq: 29 Nov 2019 12:08

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Tgt Ion:164 Resp: 2761
Ion Ratio Lower Upper
164 100
129 99.0 68.8 127.8
131 81.9 67.3 124.9
166 110.3 91.6 170.2

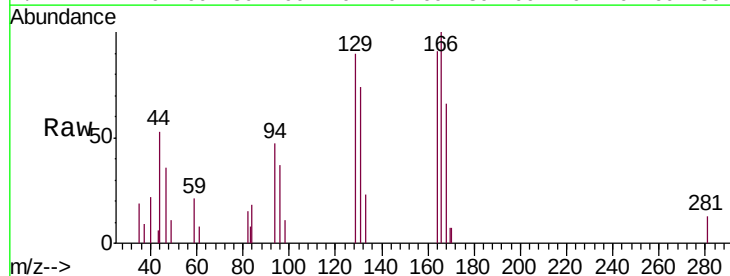


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

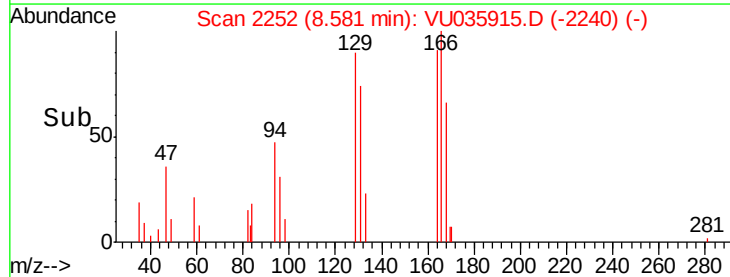
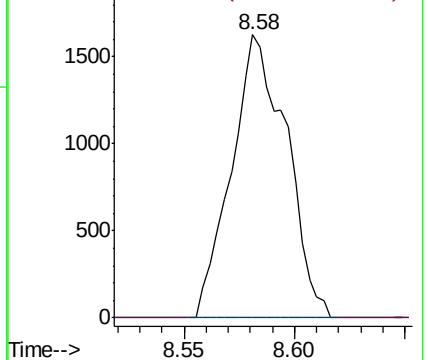


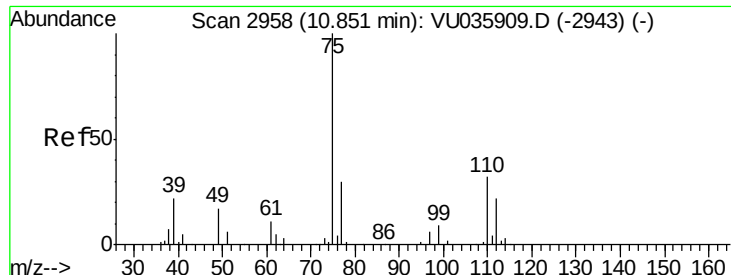
#49
Dibromochloromethane
Concen: 0.115 ug/L
RT: 8.58 min Scan# 2252
Delta R.T. -0.26 min
Lab File: VU035915.D
Acq: 29 Nov 2019 12:08

Tgt Ion:129 Resp: 2814
Ion Ratio Lower Upper
129 100
127 0.0 53.1 98.5#



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V





#59

1,2,3-Trichloropropane

Concen: 0.629 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035915.D

Acq: 29 Nov 2019 12:08

Instrument :

MSVOA_U

ClientSampleId :

VIBLK40

Tgt Ion: 75 Resp: 12975

Ion Ratio Lower Upper

75 100

77 34.1 25.4 38.2

