

Data File : VU036123.D
Acq On : 11 Dec 2019 10:58
Operator : JC/MD
Sample : VU1211WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK26

Quant Time: Dec 12 06:13:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 12 06:08:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	289621	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	321270	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	109904	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	148730	5.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.20%
7) Chloroethane-d5	1.93	69	132620	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.59	63	151357	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	4.70	46	250801	57.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.04%
24) Chloroform-d	5.11	84	211807	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.75	65	110286	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.77	84	401105	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.73	67	127479	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.93	98	327451	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	8.21	79	46256	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.68	63	192700	52.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.20%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	110259	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	110384	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

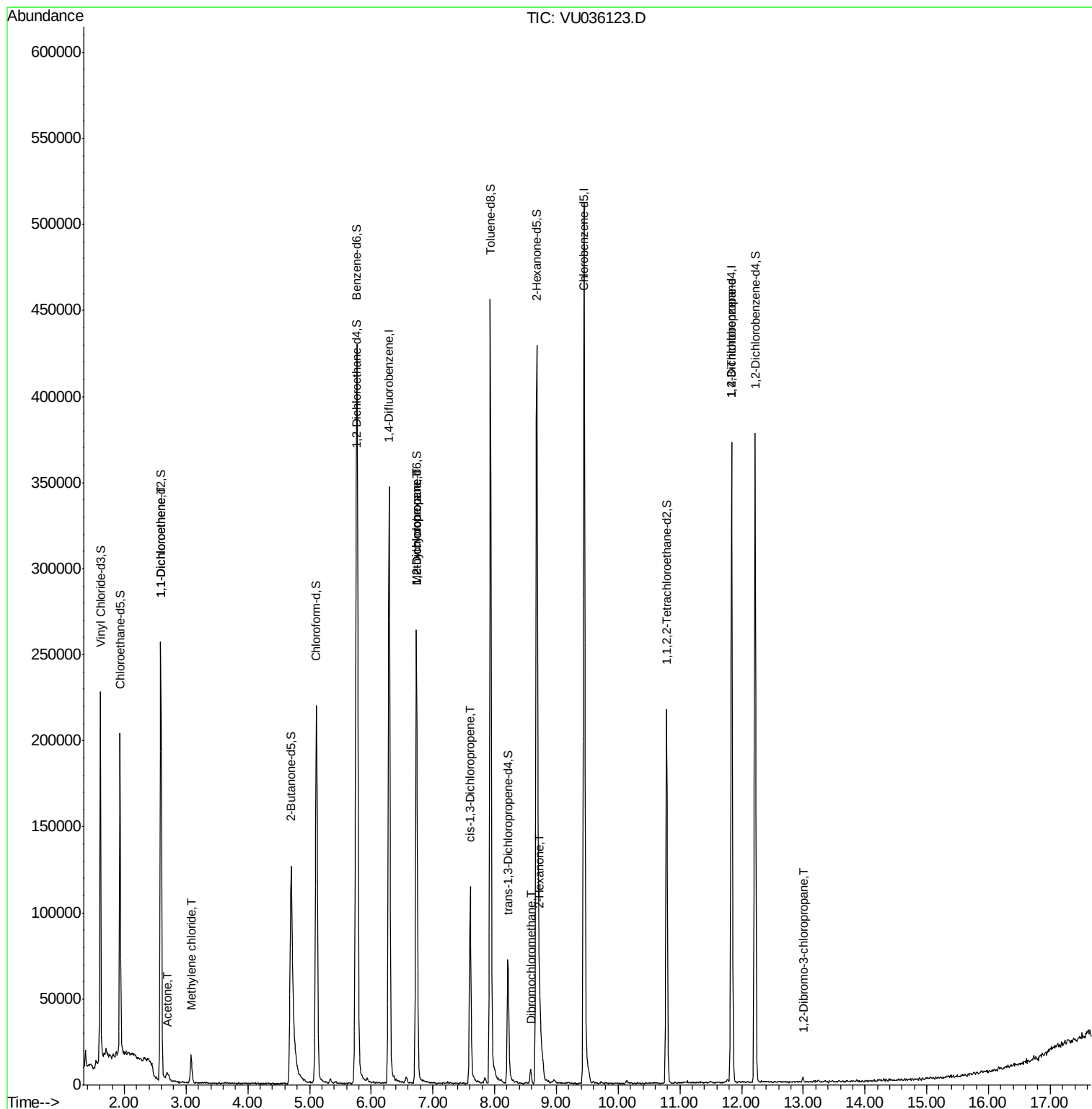
					Qvalue
12) 1,1-Dichloroethene	2.59	96	1643	0.065 ug/L #	1
13) Acetone	2.69	43	7707	1.380 ug/L	96
16) Methylene chloride	3.09	84	8726	0.298 ug/L	89
35) Methylcyclohexane	6.73	83	30554	0.977 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	12893	0.585 ug/L #	87
39) cis-1,3-Dichloropropene	7.61	75	3057	0.102 ug/L #	60
48) 2-Hexanone	8.73	43	7747	0.939 ug/L #	46
49) Dibromochloromethane	8.59	129	2163	0.094 ug/L #	12
59) 1,2,3-Trichloropropane	11.84	75	12807	0.813 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	557	0.250 ug/L #	1

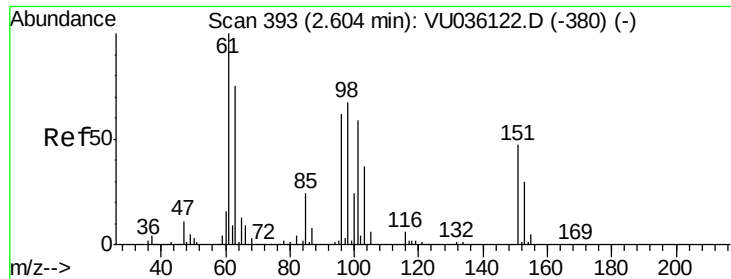
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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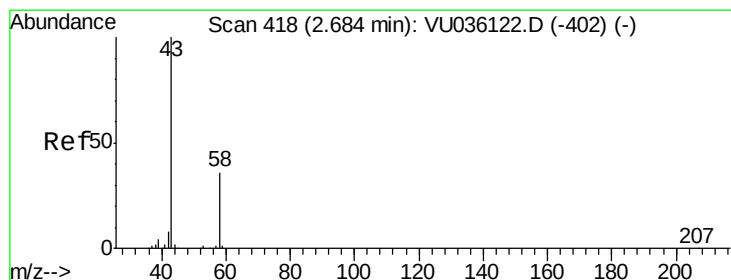
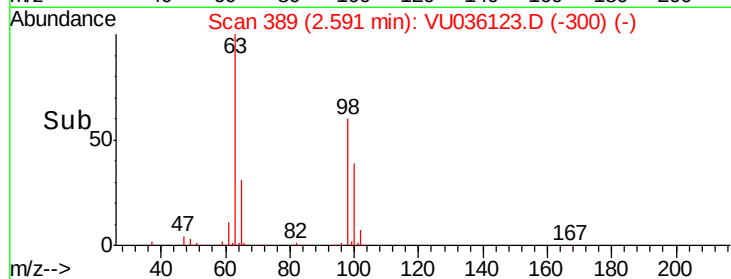
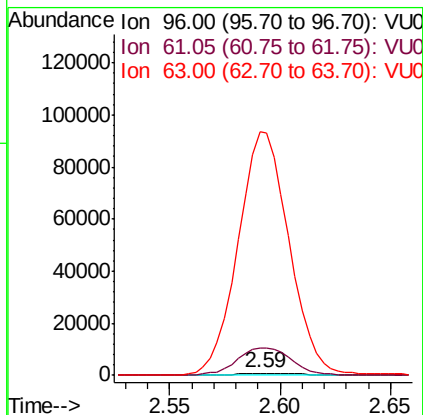
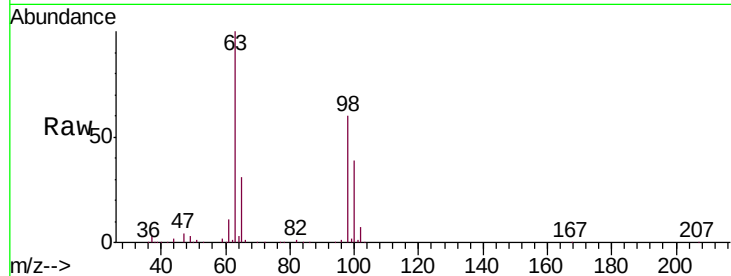




#12
 1,1-Dichloroethene
 Concen: 0.065 ug/L
 RT: 2.59 min Scan# 389
 Delta R.T. -0.01 min
 Lab File: VU036123.D
 Acq: 11 Dec 2019 10:58

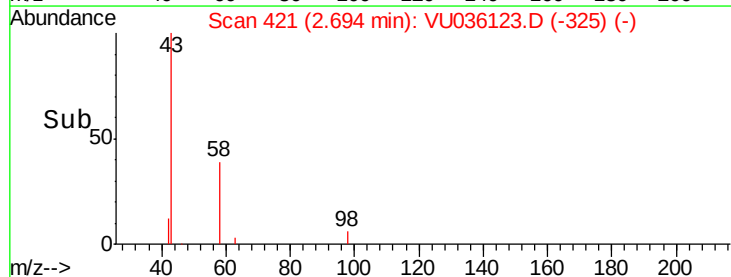
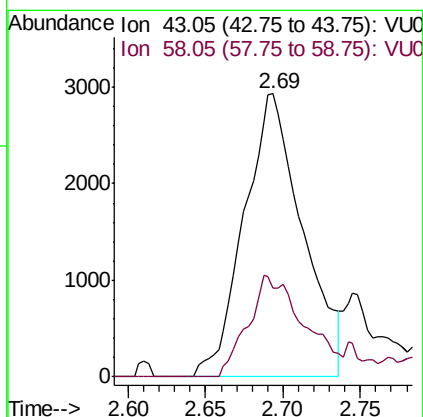
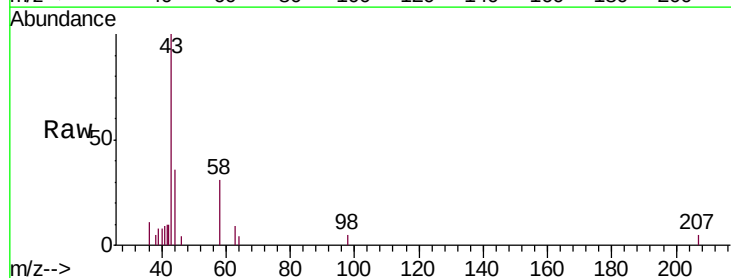
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK26

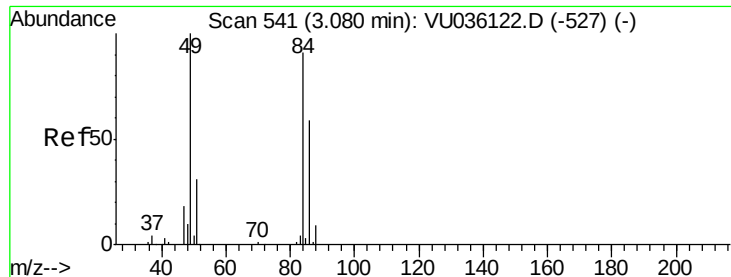
Tgt Ion: 96 Resp: 1643
 Ion Ratio Lower Upper
 96 100
 61 1245.1 104.3 193.7#
 63 11000.5 65.6 121.8#



#13
 Acetone
 Concen: 1.380 ug/L
 RT: 2.69 min Scan# 421
 Delta R.T. 0.01 min
 Lab File: VU036123.D
 Acq: 11 Dec 2019 10:58

Tgt Ion: 43 Resp: 7707
 Ion Ratio Lower Upper
 43 100
 58 34.8 0.0 74.2

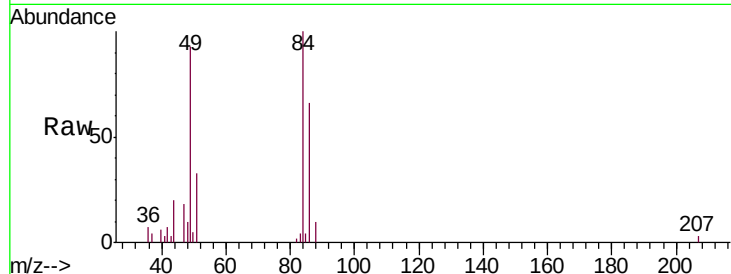




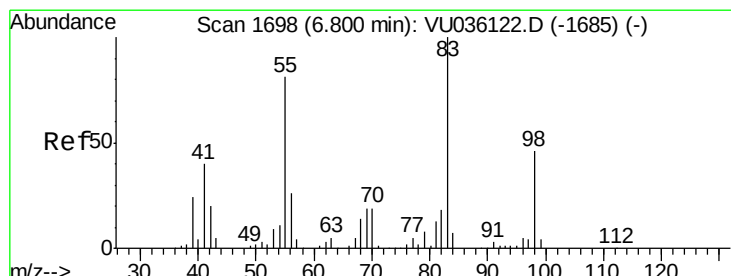
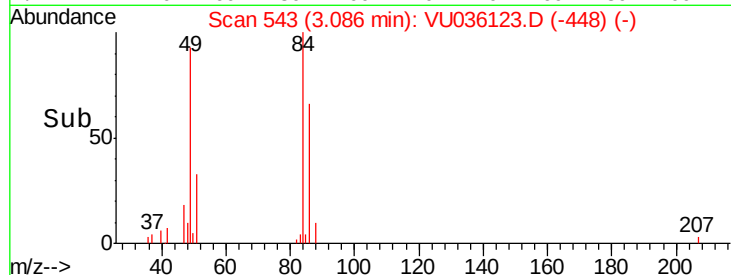
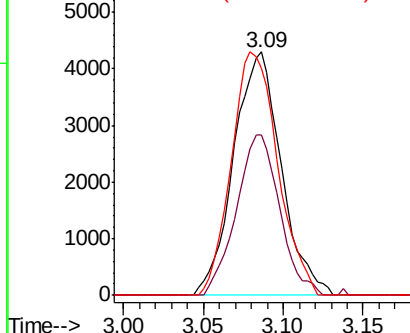
#16
Methylene chloride
Concen: 0.298 ug/L
RT: 3.09 min Scan# 543
Delta R.T. 0.01 min
Lab File: VU036123.D
Acq: 11 Dec 2019 10:58

Instrument :
MSVOA_U
ClientSampleId :
VBLK26

Tgt Ion: 84 Resp: 8726
Ion Ratio Lower Upper
84 100
86 66.0 47.5 88.3
49 93.3 76.9 142.9

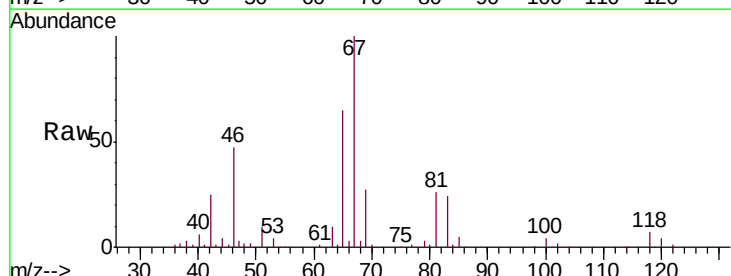


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

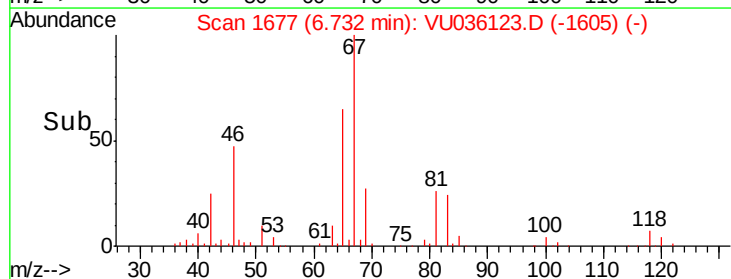
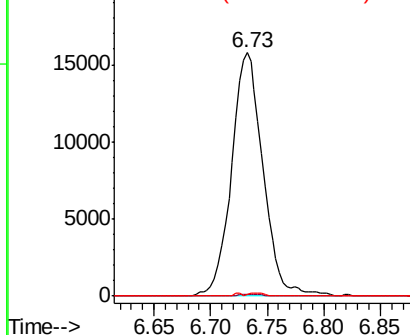


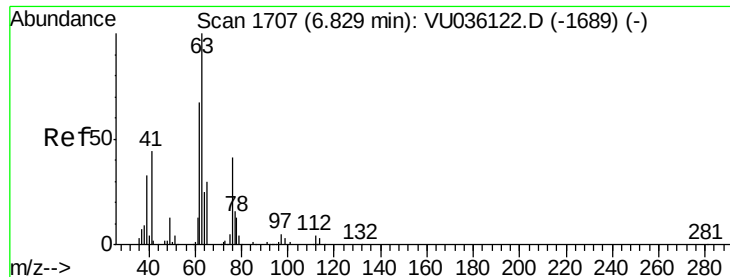
#35
Methylcyclohexane
Concen: 0.977 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036123.D
Acq: 11 Dec 2019 10:58

Tgt Ion: 83 Resp: 30554
Ion Ratio Lower Upper
83 100
55 0.5 62.1 93.1#
98 0.6 37.0 55.4#



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

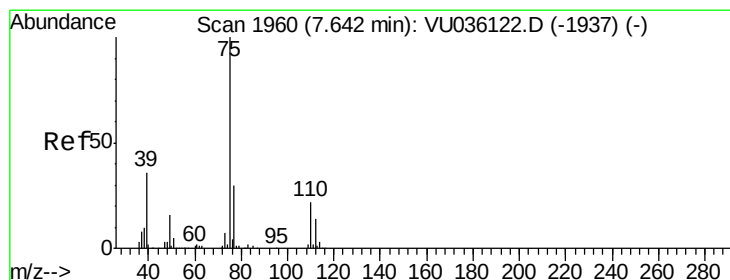
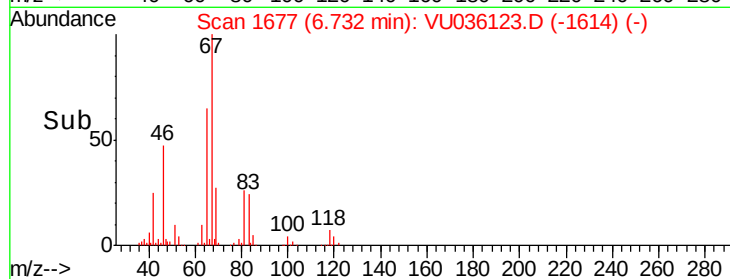
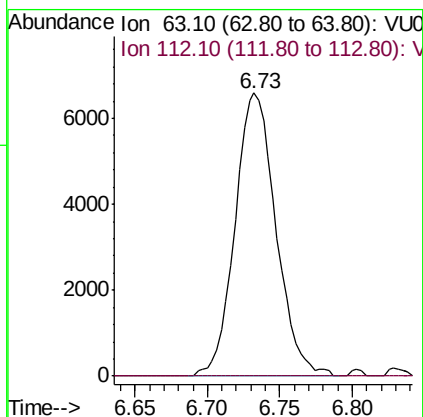
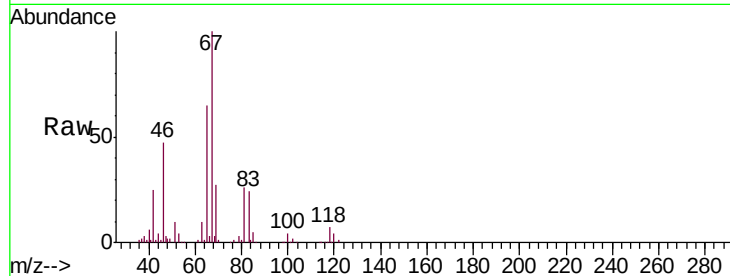




#37
 1,2-Dichloropropane
 Concen: 0.585 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.10 min
 Lab File: VU036123.D
 Acq: 11 Dec 2019 10:58

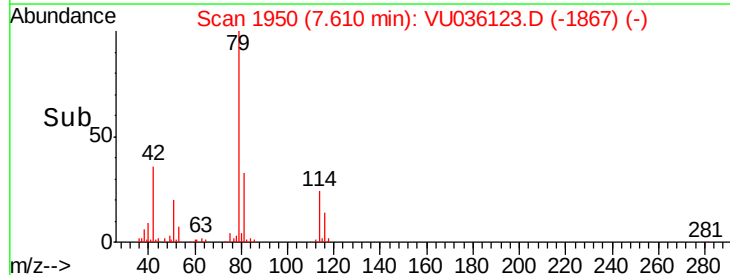
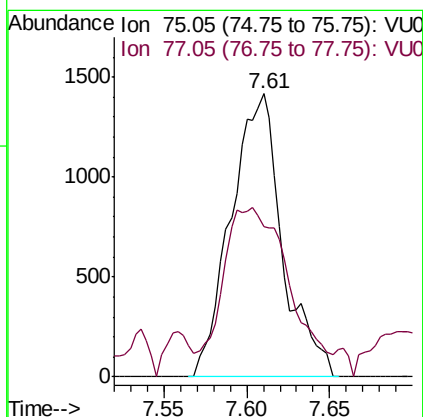
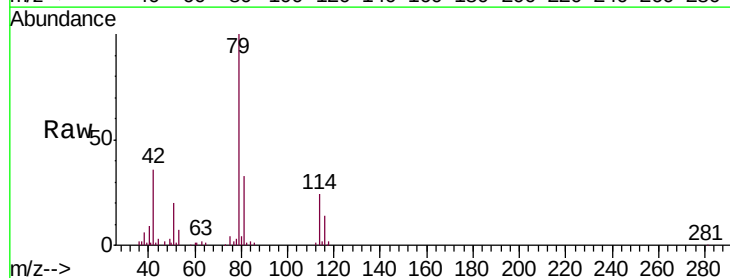
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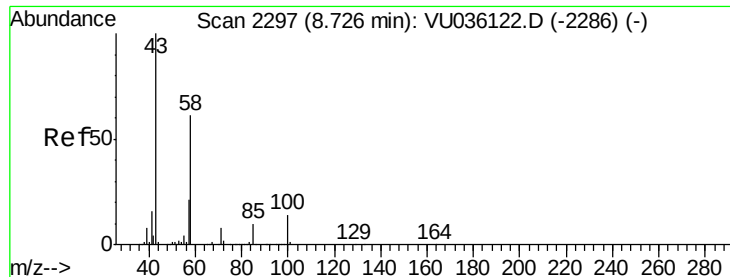
Tgt Ion: 63 Resp: 12893
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.102 ug/L
 RT: 7.61 min Scan# 1950
 Delta R.T. -0.03 min
 Lab File: VU036123.D
 Acq: 11 Dec 2019 10:58

Tgt Ion: 75 Resp: 3057
 Ion Ratio Lower Upper
 75 100
 77 53.2 21.7 40.3#

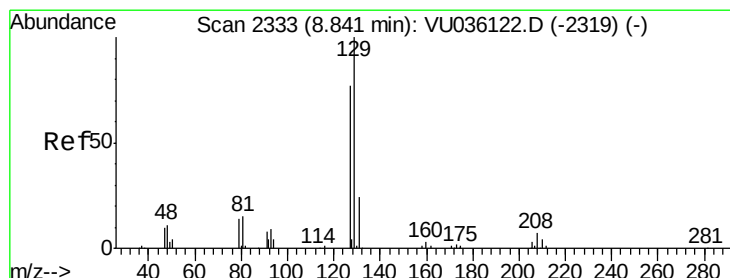
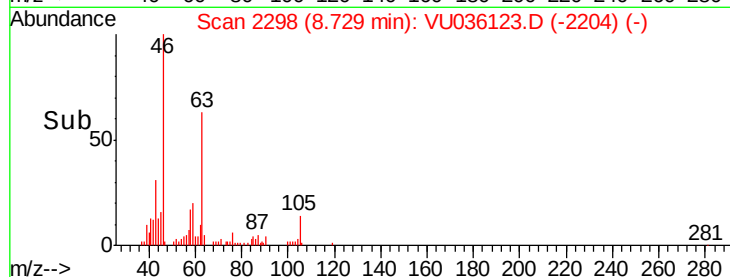
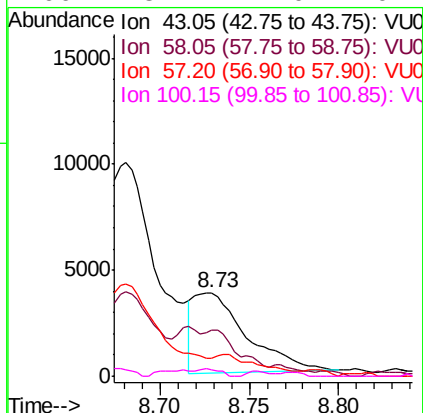
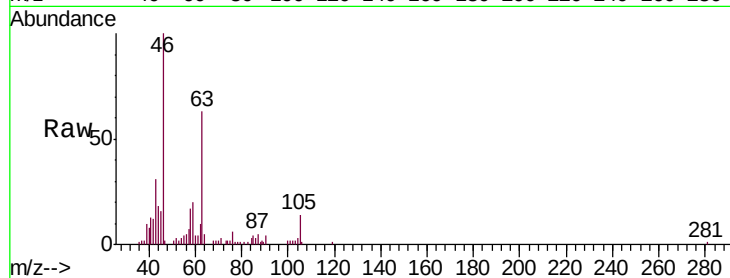




#48
2-Hexanone
Concen: 0.939 ug/L
RT: 8.73 min Scan# 2298
Delta R.T. 0.00 min
Lab File: VU036123.D
Acq: 11 Dec 2019 10:58

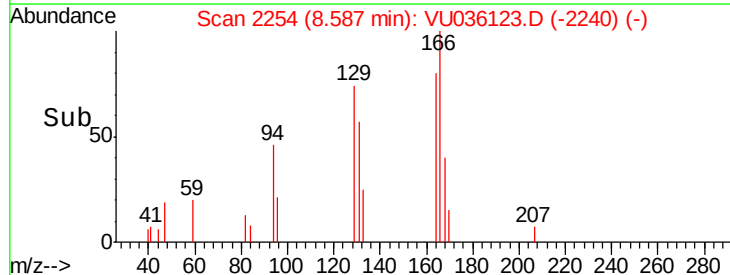
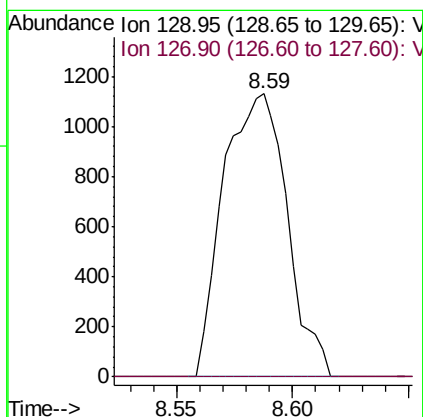
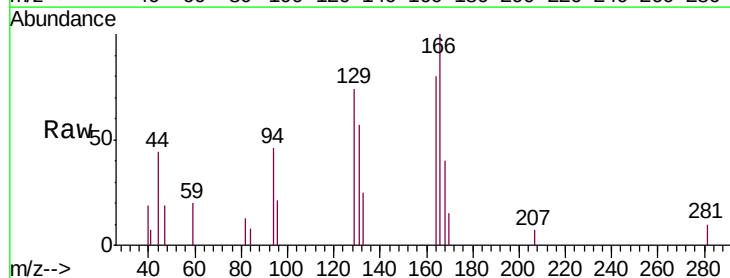
Instrument :
MSVOA_U
ClientSampleId :
VBLK26

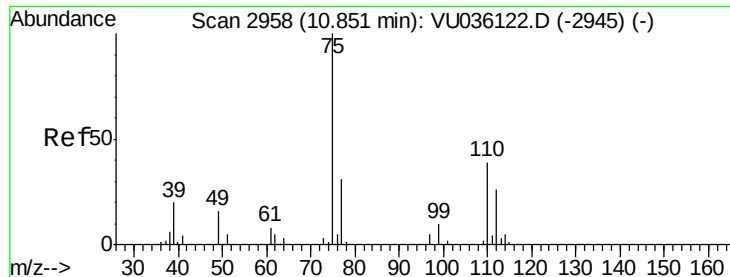
Tgt Ion:	43	Resp:	7747
Ion	Ratio	Lower	Upper
43	100		
58	0.0	46.9	70.3#
57	22.3	16.4	24.6
100	3.7	11.0	16.4#



#49
Dibromochloromethane
Concen: 0.094 ug/L
RT: 8.59 min Scan# 2254
Delta R.T. -0.25 min
Lab File: VU036123.D
Acq: 11 Dec 2019 10:58

Tgt Ion:	129	Resp:	2163
Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.5	97.5#





#59

1,2,3-Trichloropropane

Concen: 0.813 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.99 min

Lab File: VU036123.D

Acq: 11 Dec 2019 10:58

Instrument :

MSVOA_U

ClientSampleId :

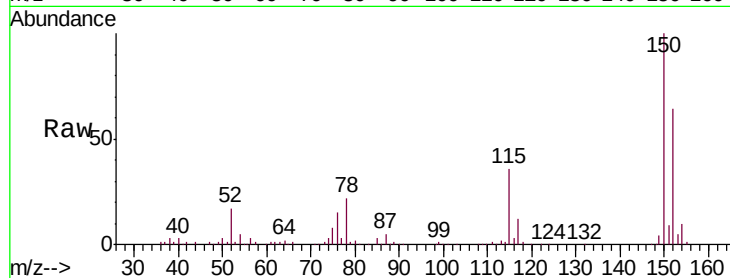
VBLK26

Tgt Ion: 75 Resp: 12807

Ion Ratio Lower Upper

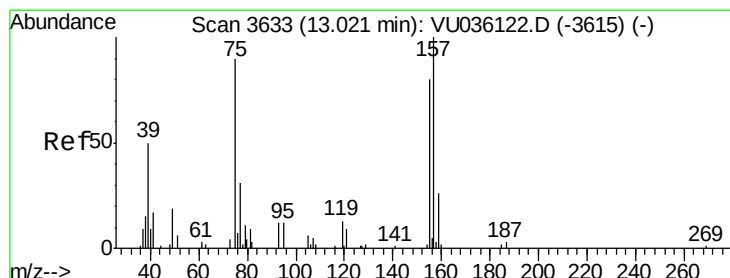
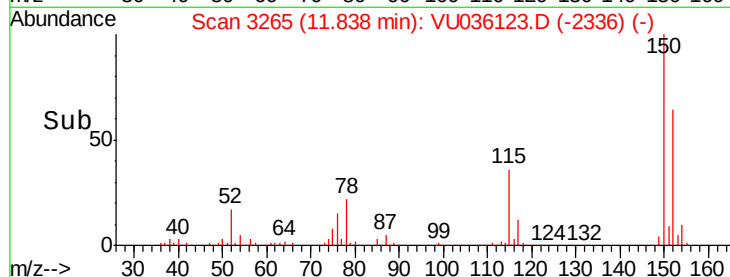
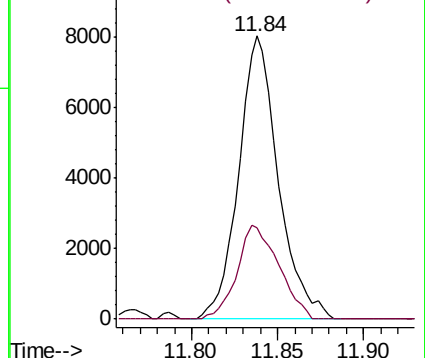
75 100

77 34.8 26.7 40.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#66

1,2-Dibromo-3-chloropropane

Concen: 0.250 ug/L

RT: 12.99 min Scan# 3624

Delta R.T. -0.03 min

Lab File: VU036123.D

Acq: 11 Dec 2019 10:58

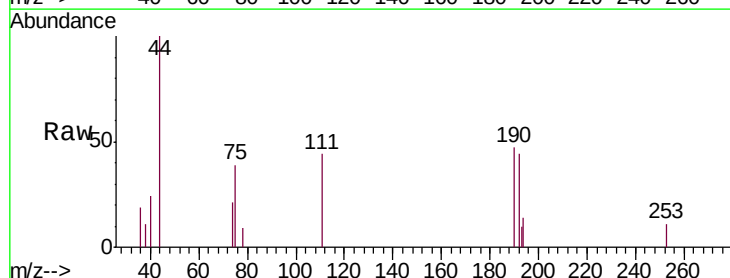
Tgt Ion: 75 Resp: 557

Ion Ratio Lower Upper

75 100

155 0.0 70.0 105.0#

157 0.0 90.5 135.7#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

