

Data File : VU036157.D
Acq On : 12 Dec 2019 18:46
Operator : JC/MD
Sample : VU1212WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK28

Quant Time: Dec 13 02:45:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 13 02:41:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	293886	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	320722	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	107616	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	141523	4.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.00%
7) Chloroethane-d5	1.93	69	123837	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.59	63	142213	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	4.70	46	246915	51.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.20%
24) Chloroform-d	5.11	84	202652	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.75	65	109065	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.77	84	395179	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.73	67	126964	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.93	98	334962	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	8.21	79	49497	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.68	63	186495	45.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.98%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	110419	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	113052	5.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.60%

Target Compounds

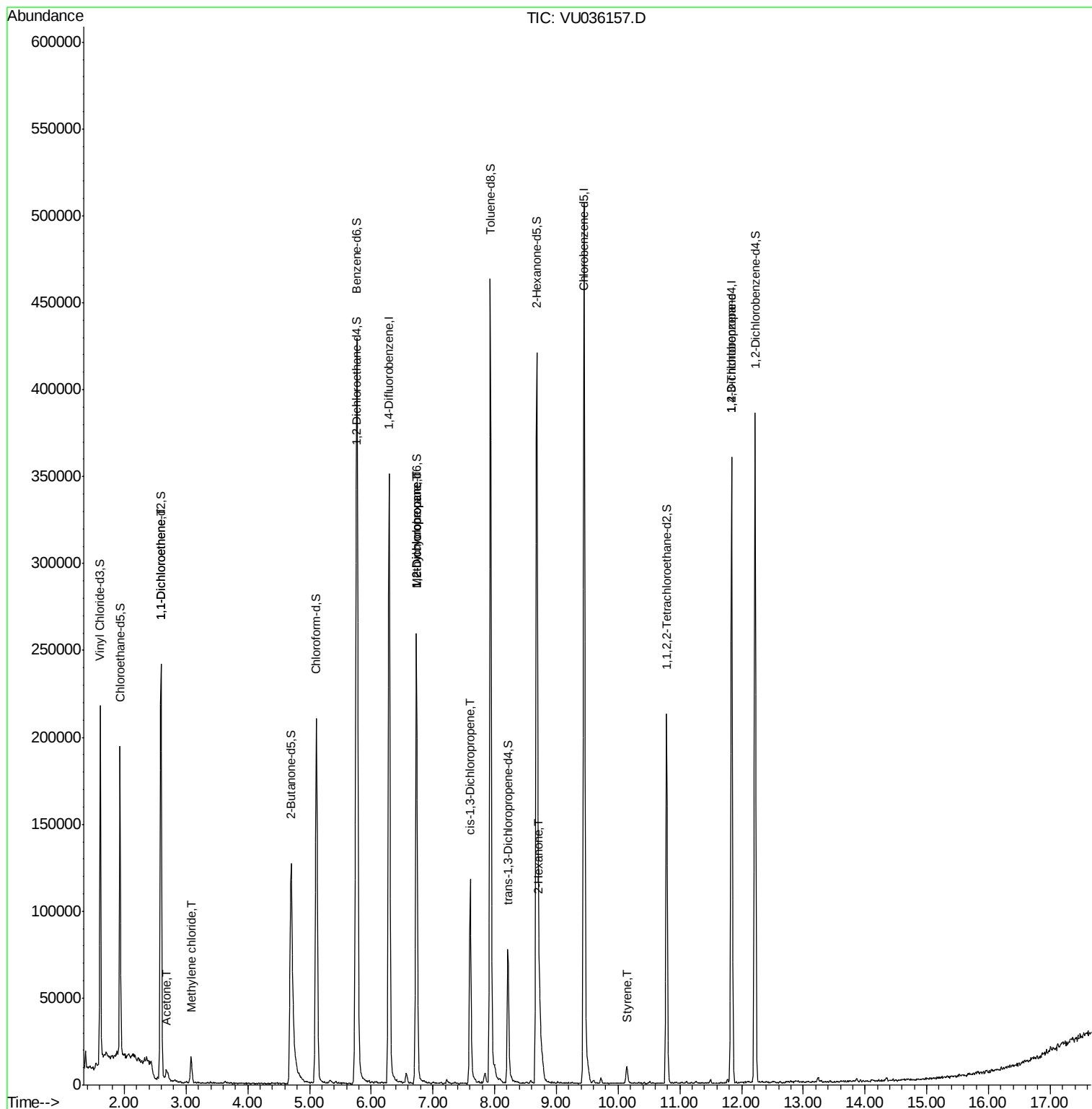
					Qvalue
12) 1,1-Dichloroethene	2.59	96	1347	0.061 ug/L #	1
13) Acetone	2.68	43	9950	2.390 ug/L	95
16) Methylene chloride	3.08	84	7418	0.240 ug/L	98
35) Methylcyclohexane	6.73	83	30571	0.850 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	12945	0.509 ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	3501	0.104 ug/L #	58
48) 2-Hexanone	8.73	43	12517	1.328 ug/L #	80
55) Styrene	10.15	104	5221	0.077 ug/L	85
59) 1,2,3-Trichloropropane	11.84	75	11968	0.713 ug/L	92

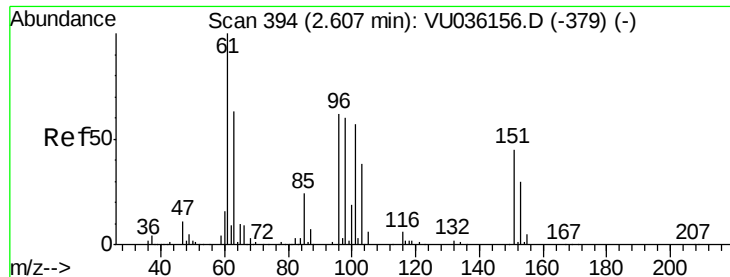
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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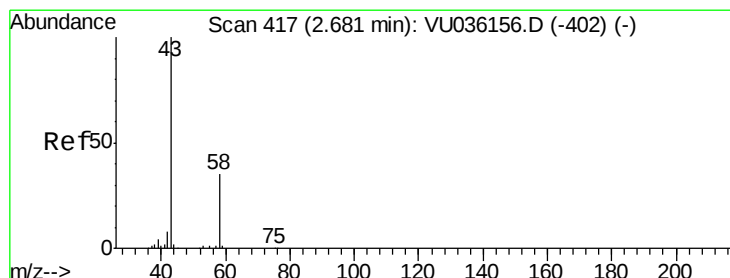
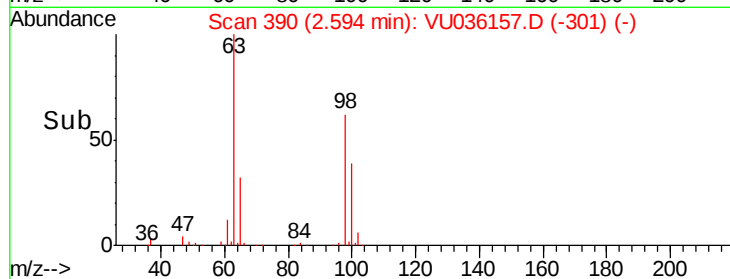
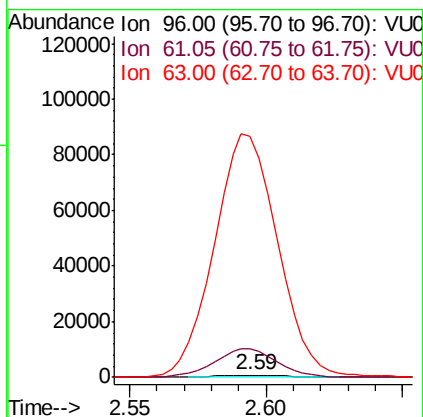
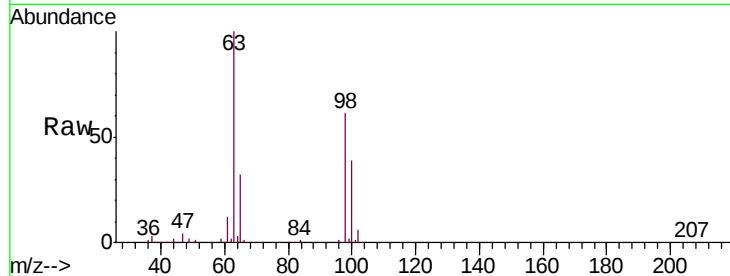




#12
 1,1-Dichloroethene
 Concen: 0.061 ug/L
 RT: 2.59 min Scan# 390
 Delta R.T. -0.01 min
 Lab File: VU036157.D
 Acq: 12 Dec 2019 18:46

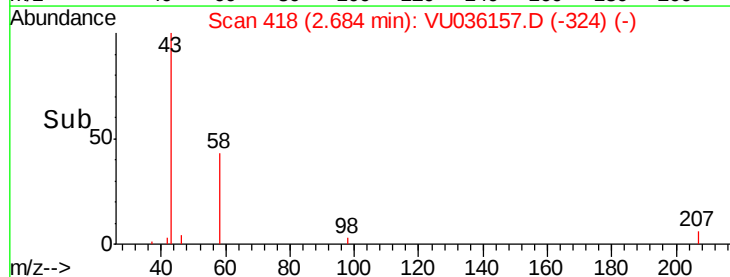
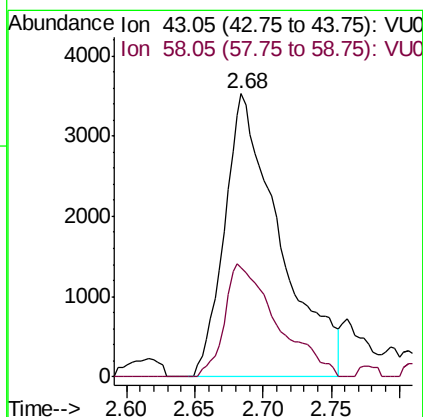
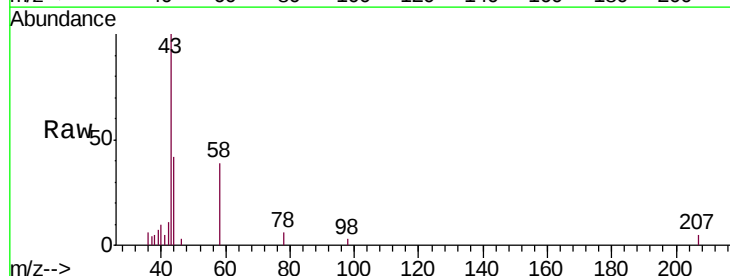
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK28

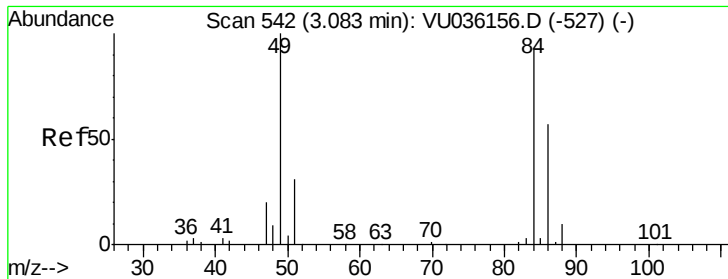
Tgt Ion: 96 Resp: 1347
 Ion Ratio Lower Upper
 96 100
 61 1256.7 110.6 205.4#
 63 10491.9 71.6 133.0#



#13
 Acetone
 Concen: 2.390 ug/L
 RT: 2.68 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: VU036157.D
 Acq: 12 Dec 2019 18:46

Tgt Ion: 43 Resp: 9950
 Ion Ratio Lower Upper
 43 100
 58 37.8 0.0 70.0

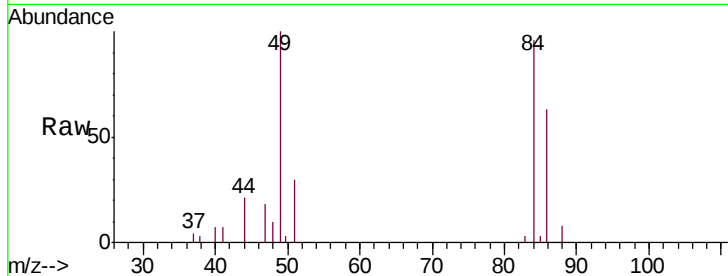




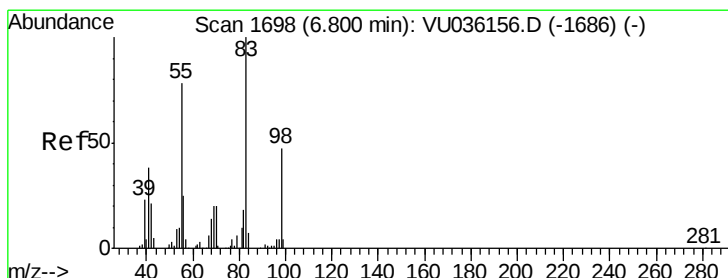
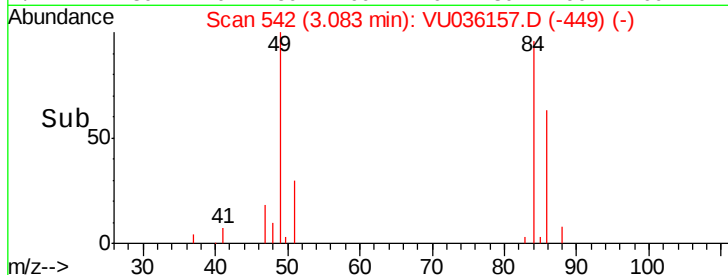
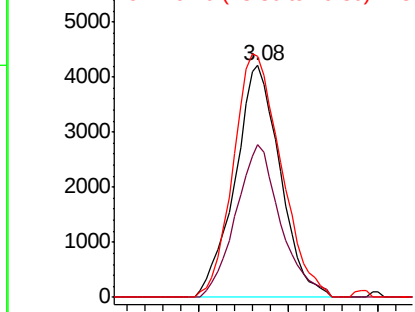
#16
Methylene chloride
Concen: 0.240 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU036157.D
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Instrument :
MSVOA_U
ClientSampleId :
VBLK28

Tgt Ion: 84 Resp: 7418
Ion Ratio Lower Upper
84 100
86 65.9 46.1 85.5
49 107.0 77.7 144.3

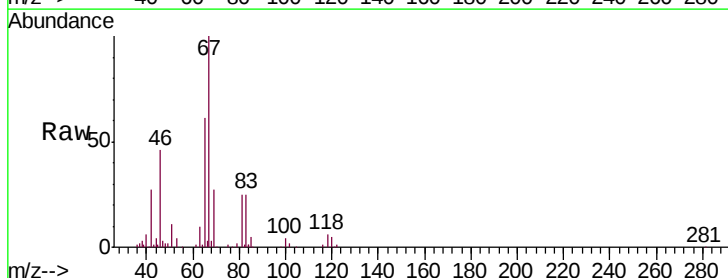


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

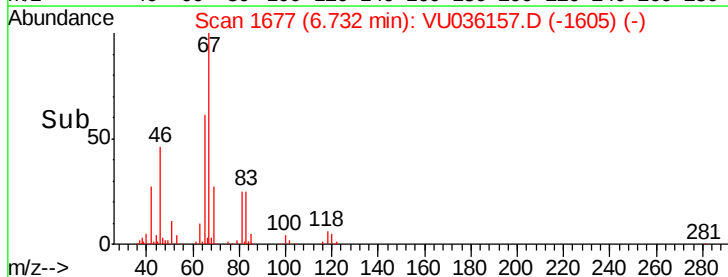
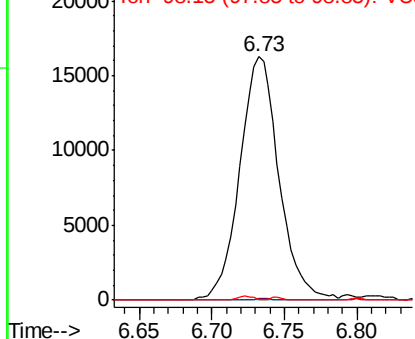


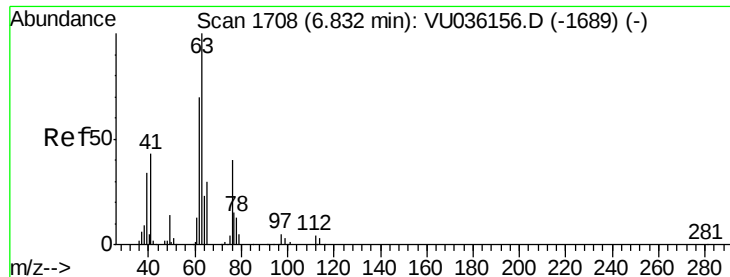
#35
Methylcyclohexane
Concen: 0.850 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036157.D
Acq: 12 Dec 2019 18:46

Tgt Ion: 83 Resp: 30571
Ion Ratio Lower Upper
83 100
55 0.2 61.9 92.9#
98 0.3 35.8 53.6#



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: 0.509 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.10 min

Lab File: VU036157.D

Acq: 12 Dec 2019 18:46

Instrument :

MSVOA_U

ClientSampleId :

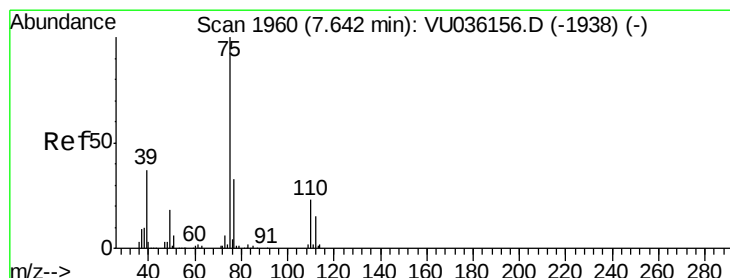
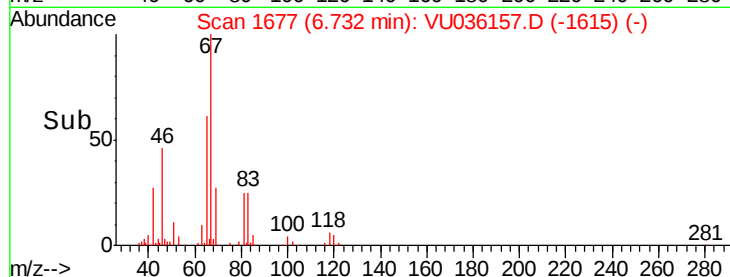
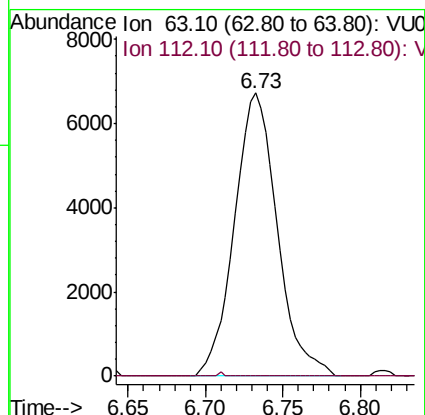
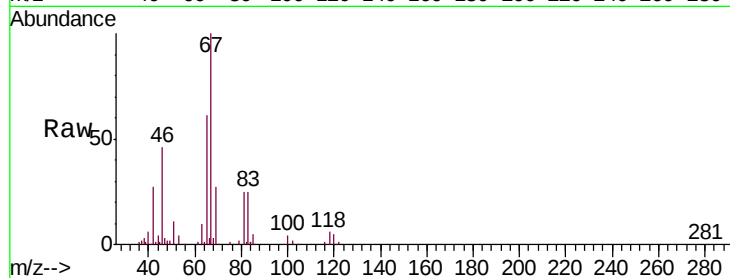
VBLK28

Tgt Ion: 63 Resp: 12945

Ion Ratio Lower Upper

63 100

112 0.1 3.6 5.4#



#39

cis-1,3-Dichloropropene

Concen: 0.104 ug/L

RT: 7.60 min Scan# 1948

Delta R.T. -0.04 min

Lab File: VU036157.D

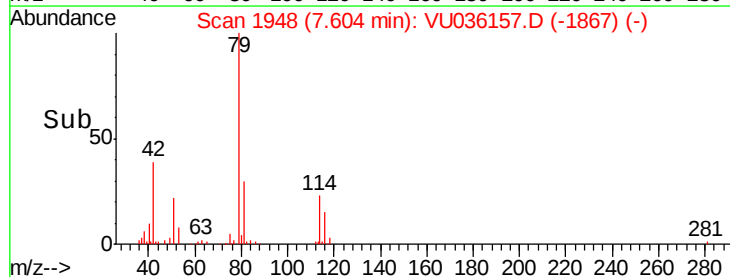
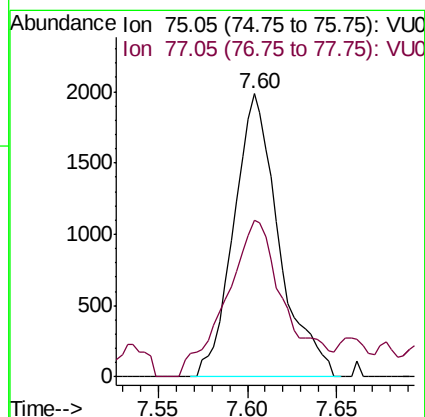
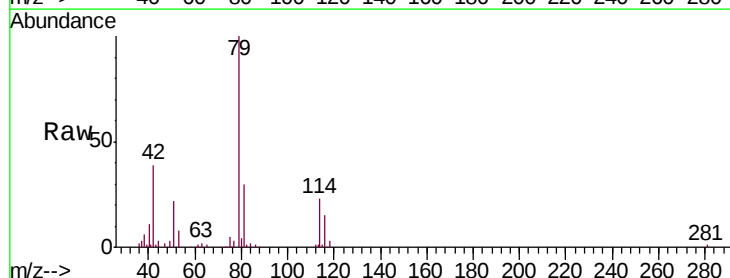
Acq: 12 Dec 2019 18:46

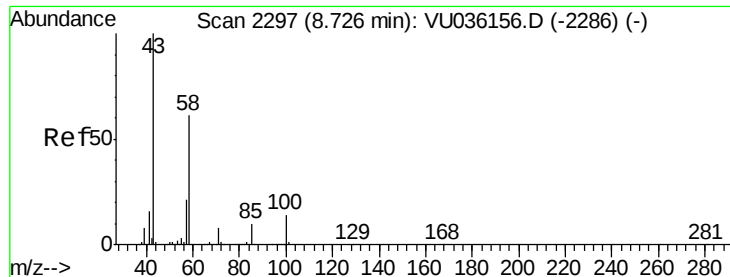
Tgt Ion: 75 Resp: 3501

Ion Ratio Lower Upper

75 100

77 55.4 22.3 41.5#

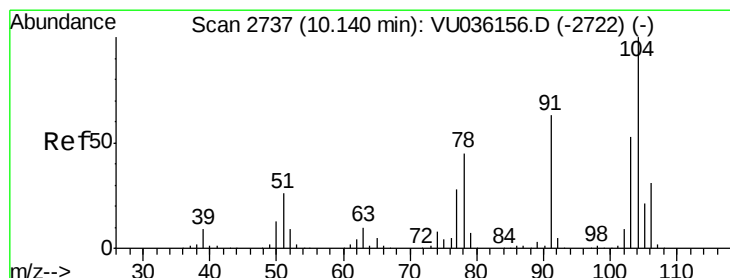
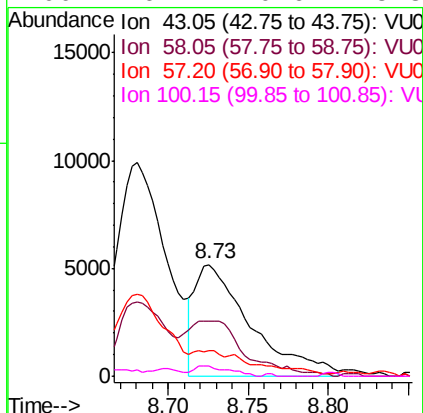
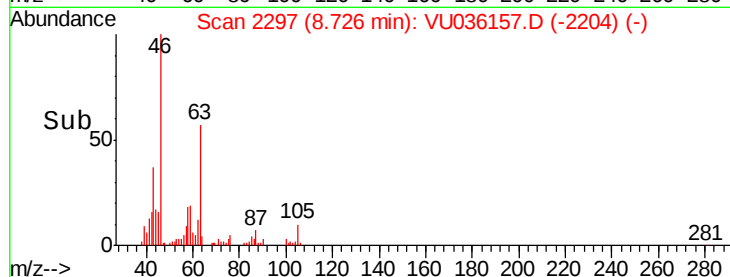
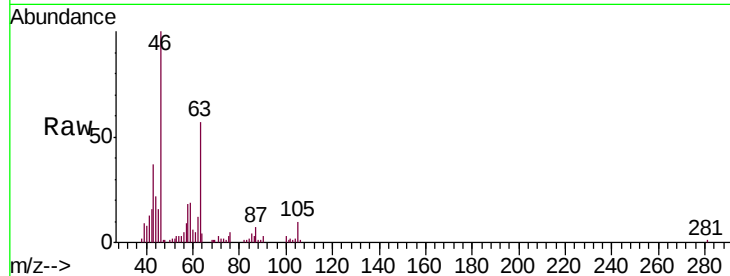




#48
2-Hexanone
Concen: 1.328 ug/L
RT: 8.73 min Scan# 2297
Delta R.T. 0.00 min
Lab File: VU036157.D
Acq: 12 Dec 2019 18:46

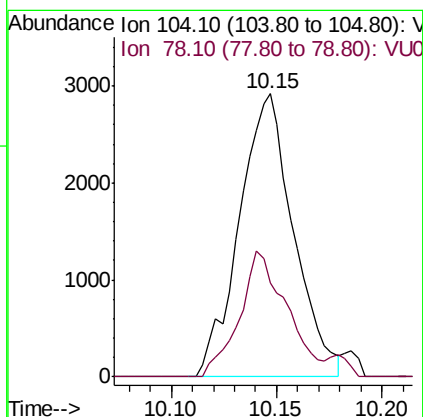
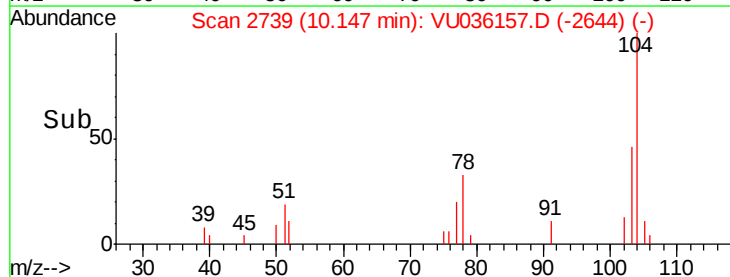
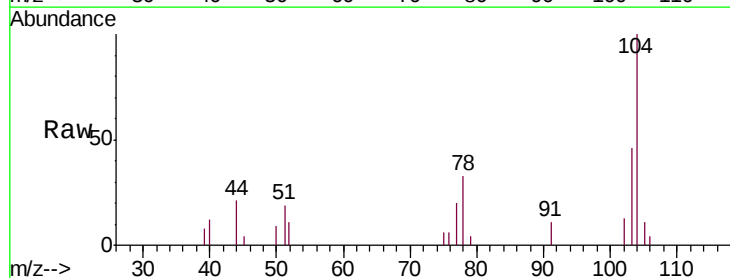
Instrument :
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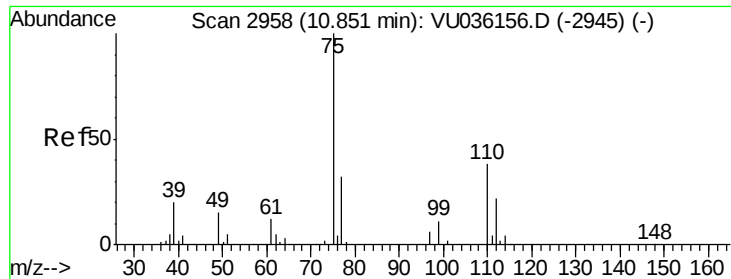
Tgt Ion: 43 Resp: 12517
Ion Ratio Lower Upper
43 100
58 52.1 48.6 72.8
57 0.0 16.7 25.1#
100 6.1 10.6 15.8#



#55
Styrene
Concen: 0.077 ug/L
RT: 10.15 min Scan# 2739
Delta R.T. 0.01 min
Lab File: VU036157.D
Acq: 12 Dec 2019 18:46

Tgt Ion: 104 Resp: 5221
Ion Ratio Lower Upper
104 100
78 33.3 30.0 55.8





#59

1,2,3-Trichloropropane

Concen: 0.713 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.99 min

Lab File: VU036157.D

Acq: 12 Dec 2019 18:46

Instrument :

MSVOA_U

ClientSampleId :

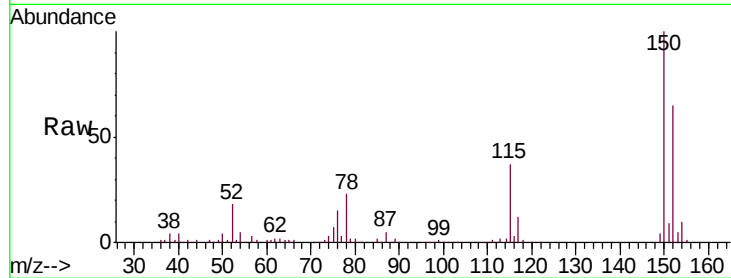
VBLK28

Tgt Ion: 75 Resp: 11968

Ion Ratio Lower Upper

75 100

77 37.9 26.6 39.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

