

Data File : VU035962.D
Acq On : 04 Dec 2019 11:07
Operator : JC/SP
Sample : VU1204WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK20

Quant Time: Dec 05 03:57:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 05 03:54:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	312932	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	337432	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	107909	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	154645	4.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	1.93	69	126410	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.59	63	175700	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	4.70	46	272633	43.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.32%
24) Chloroform-d	5.11	84	223528	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.75	65	119049	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	5.77	84	430134	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
36) 1,2-Dichloropropane-d6	6.73	67	141799	4.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.60%
41) Toluene-d8	7.93	98	342392	3.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.40%
43) trans-1,3-Dichloropropene-	8.21	79	51869	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.68	63	199389	38.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.58%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	117353	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	108350	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

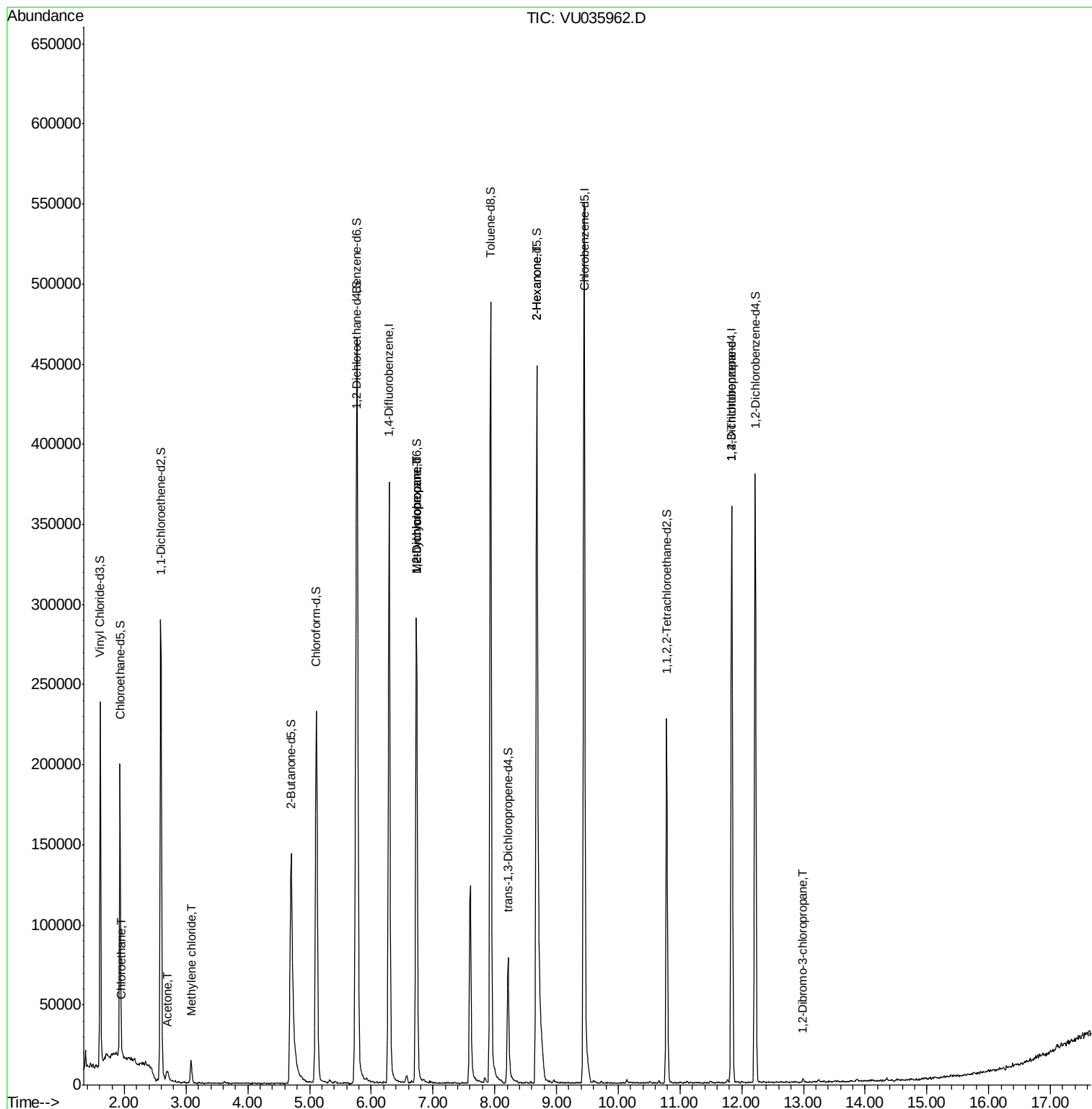
					Qvalue
8) Chloroethane	1.96	64	2497	0.108 ug/L #	55
13) Acetone	2.69	43	10312	1.806 ug/L	96
16) Methylene chloride	3.08	84	6165	0.177 ug/L	97
35) Methylcyclohexane	6.73	83	33113	0.823 ug/L #	17
37) 1,2-Dichloropropane	6.73	63	15526	0.540 ug/L #	90
48) 2-Hexanone	8.68	43	24679	1.978 ug/L #	54
59) 1,2,3-Trichloropropane	11.84	75	14106	0.755 ug/L	92
66) 1,2-Dibromo-3-chloropropan	12.99	75	485	0.181 ug/L #	8

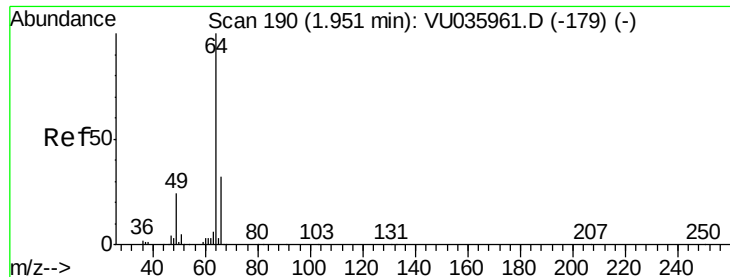
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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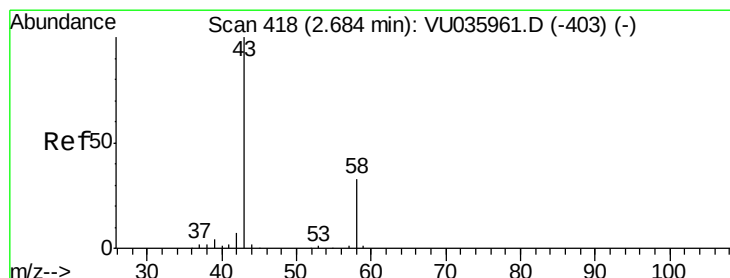
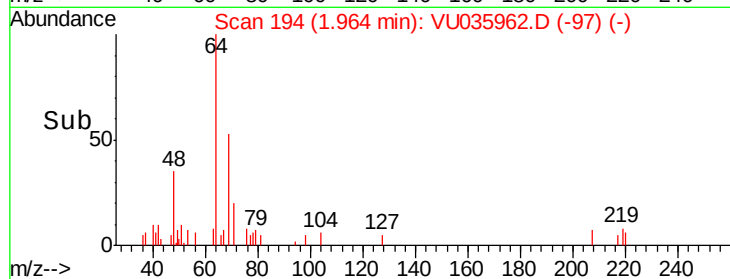
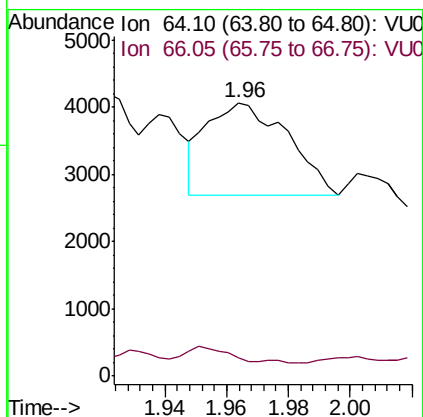
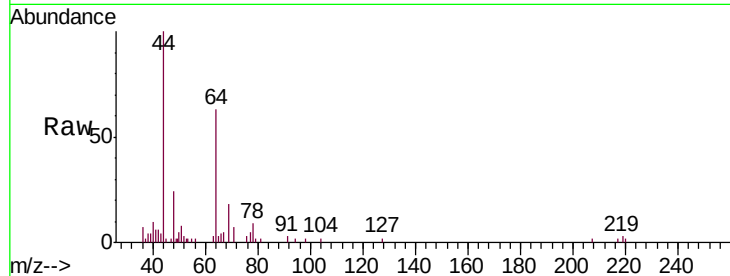




#8
Chloroethane
Concen: 0.108 ug/L
RT: 1.96 min Scan# 194
Delta R.T. 0.01 min
Lab File: VU035962.D
Acq: 04 Dec 2019 11:07

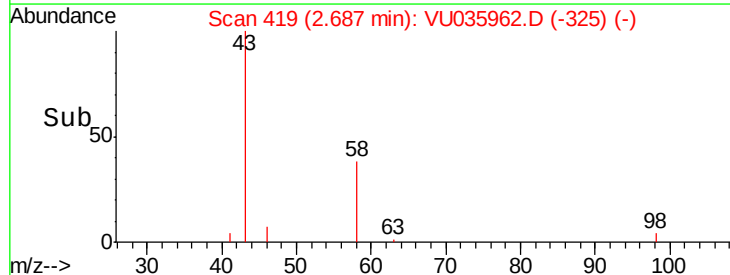
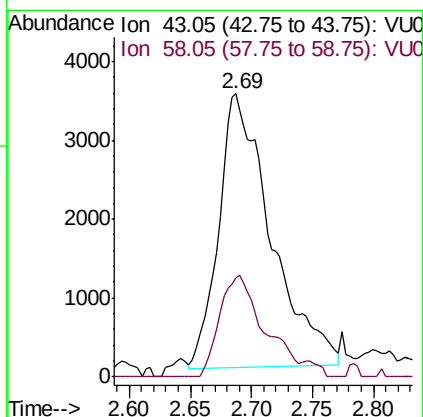
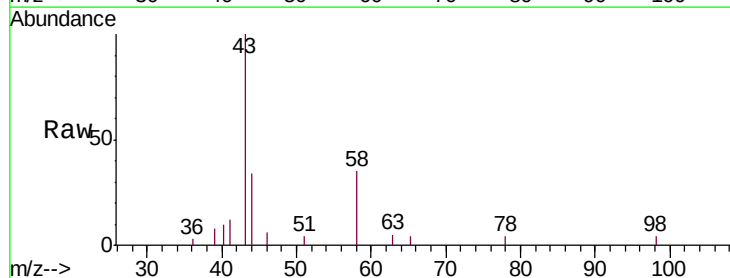
Instrument :
MSVOA_U
ClientSampleId :
VBLK20

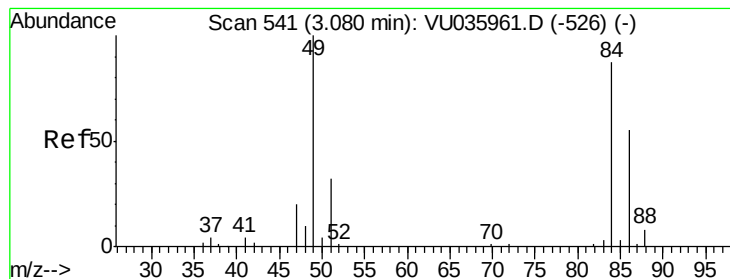
Tgt Ion: 64 Resp: 2497
Ion Ratio Lower Upper
64 100
66 6.8 22.0 40.8#



#13
Acetone
Concen: 1.806 ug/L
RT: 2.69 min Scan# 419
Delta R.T. 0.00 min
Lab File: VU035962.D
Acq: 04 Dec 2019 11:07

Tgt Ion: 43 Resp: 10312
Ion Ratio Lower Upper
43 100
58 32.1 0.0 68.6





#16

Methylene chloride

Concen: 0.177 ug/L

RT: 3.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: VU035962.D

Acq: 04 Dec 2019 11:07

Instrument :

MSVOA_U

ClientSampleId :

VBLK20

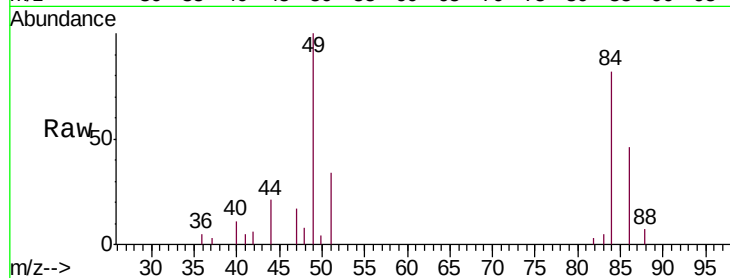
Tgt Ion: 84 Resp: 6165

Ion Ratio Lower Upper

84 100

86 56.8 44.7 82.9

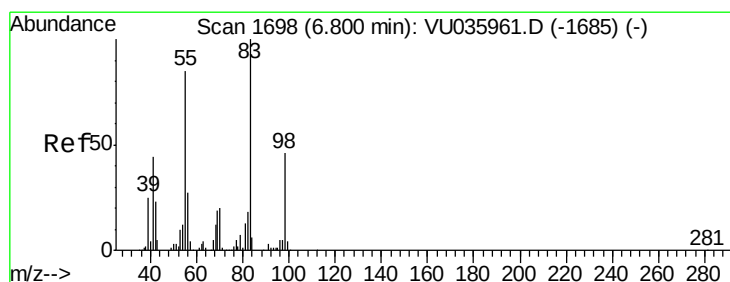
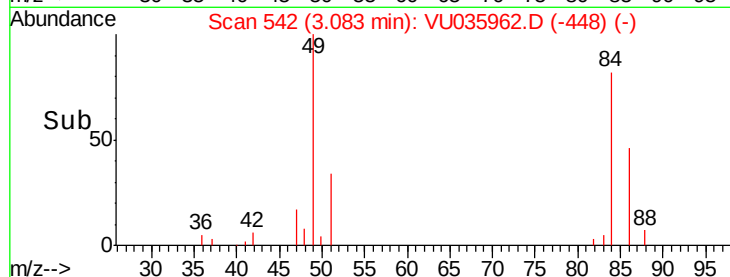
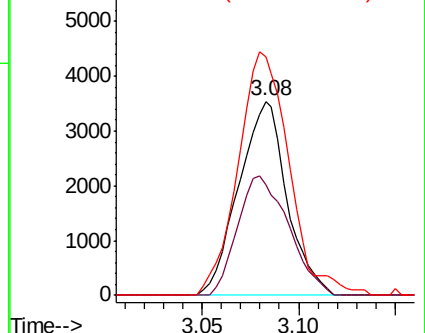
49 122.7 86.2 160.2



Abundance Ion 84.05 (83.75 to 84.75): VU035961.D (-526) (-)

Ion 86.00 (85.70 to 86.70): VU035961.D (-526) (-)

Ion 49.10 (48.80 to 49.80): VU035961.D (-526) (-)



#35

Methylcyclohexane

Concen: 0.823 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU035962.D

Acq: 04 Dec 2019 11:07

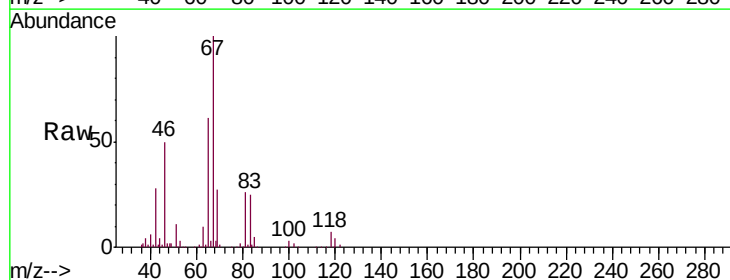
Tgt Ion: 83 Resp: 33113

Ion Ratio Lower Upper

83 100

55 0.4 67.4 101.0#

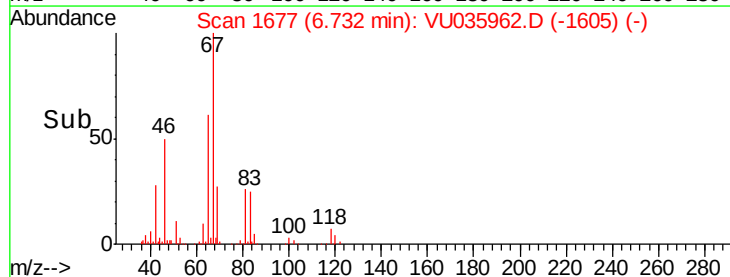
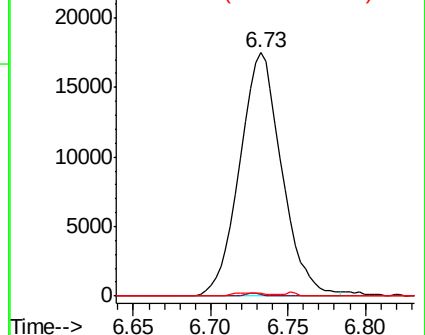
98 0.9 34.6 52.0#

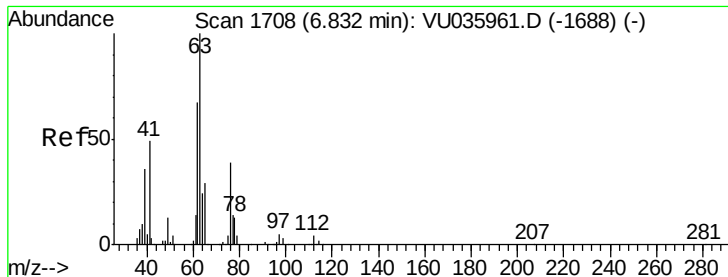


Abundance Ion 83.15 (82.85 to 83.85): VU035961.D (-1685) (-)

Ion 55.10 (54.80 to 55.80): VU035961.D (-1685) (-)

Ion 98.15 (97.85 to 98.85): VU035961.D (-1685) (-)

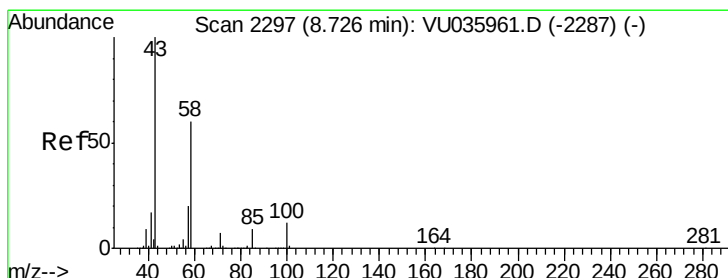
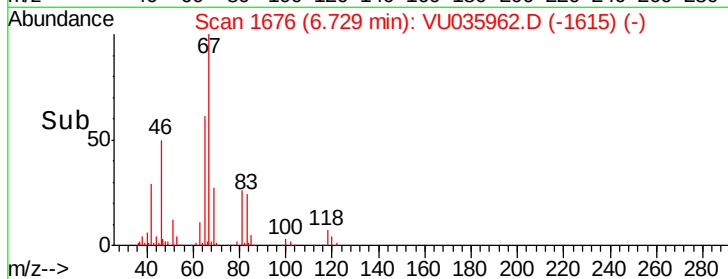
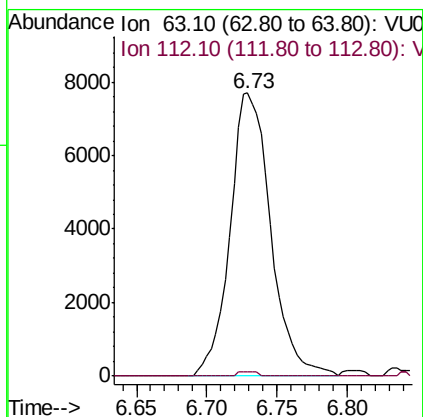
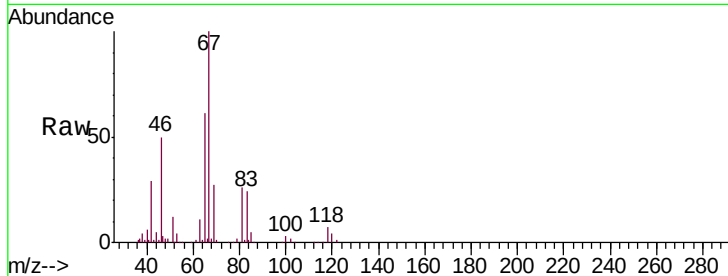




#37
 1,2-Dichloropropane
 Concen: 0.540 ug/L
 RT: 6.73 min Scan# 1676
 Delta R.T. -0.10 min
 Lab File: VU035962.D
 Acq: 04 Dec 2019 11:07

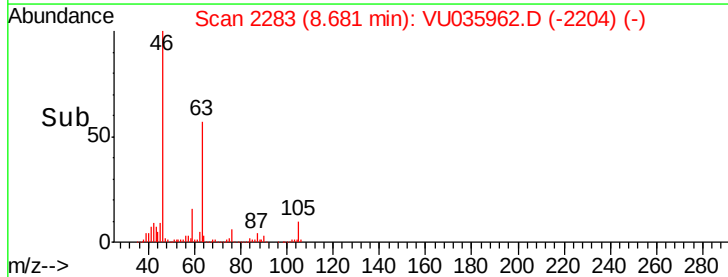
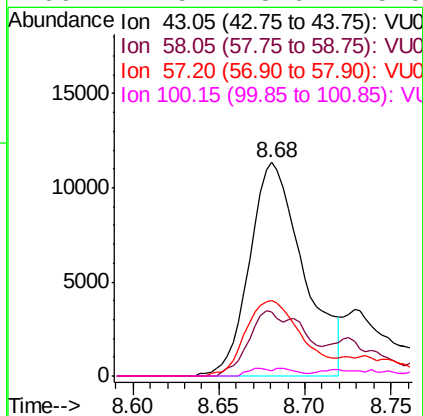
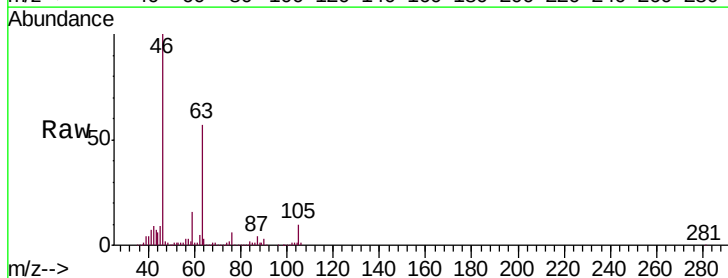
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK20

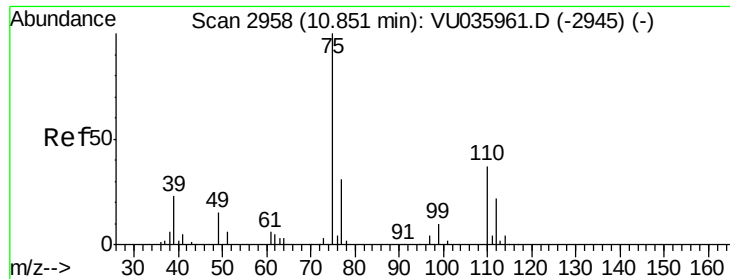
Tgt Ion: 63 Resp: 15526
 Ion Ratio Lower Upper
 63 100
 112 0.7 3.3 4.9#



#48
 2-Hexanone
 Concen: 1.978 ug/L
 RT: 8.68 min Scan# 2283
 Delta R.T. -0.05 min
 Lab File: VU035962.D
 Acq: 04 Dec 2019 11:07

Tgt Ion: 43 Resp: 24679
 Ion Ratio Lower Upper
 43 100
 58 18.8 45.4 68.2#
 57 36.7 14.9 22.3#
 100 1.5 8.6 13.0#





#59

1,2,3-Trichloropropane

Concen: 0.755 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.99 min

Lab File: VU035962.D

Acq: 04 Dec 2019 11:07

Instrument :

MSVOA_U

ClientSampleId :

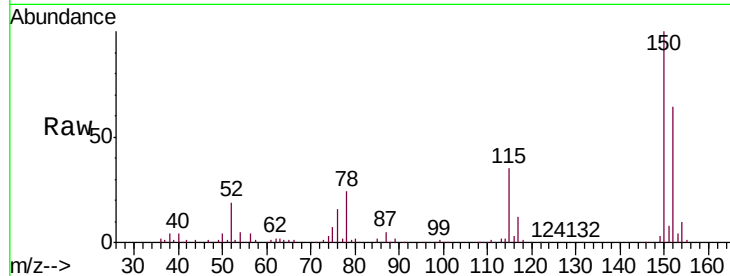
VBLK20

Tgt Ion: 75 Resp: 14106

Ion Ratio Lower Upper

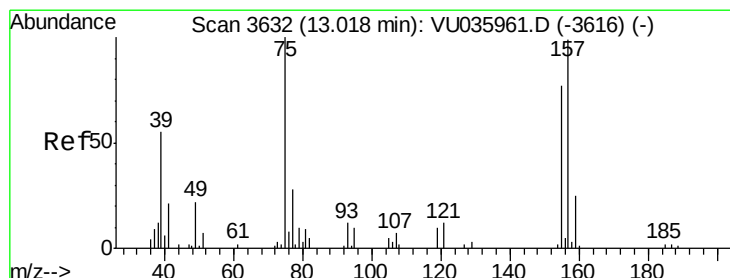
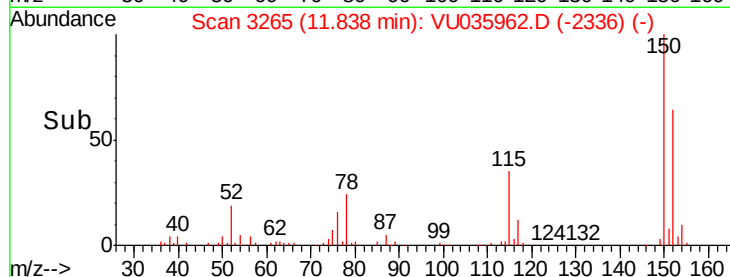
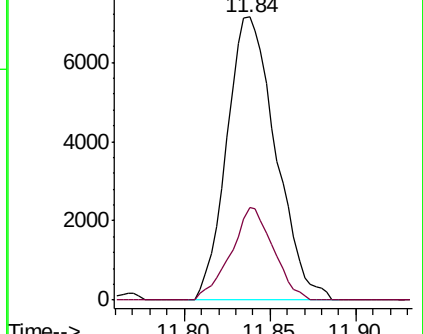
75 100

77 28.5 26.6 39.8



Abundance Ion 75.00 (74.70 to 75.70): VU035962.D (-2336) (-)

Ion 77.00 (76.70 to 77.70): VU035962.D (-2336) (-)



#66

1,2-Dibromo-3-chloropropane

Concen: 0.181 ug/L

RT: 12.99 min Scan# 3623

Delta R.T. -0.03 min

Lab File: VU035962.D

Acq: 04 Dec 2019 11:07

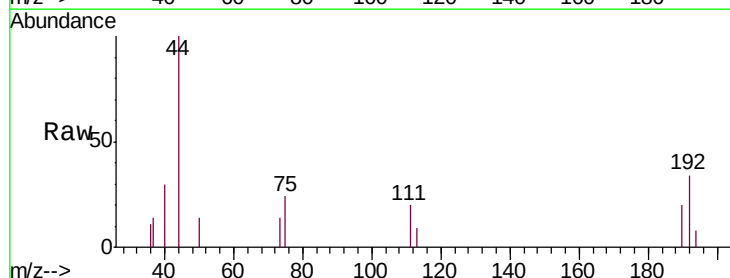
Tgt Ion: 75 Resp: 485

Ion Ratio Lower Upper

75 100

155 0.0 55.1 82.7#

157 0.0 74.0 111.0#



Abundance Ion 75.05 (74.75 to 75.75): VU035962.D (-3539) (-)

Ion 154.95 (154.65 to 155.65): VU035962.D (-3539) (-)

Ion 156.90 (156.60 to 157.60): VU035962.D (-3539) (-)

