

Data File : VU035973.D
Acq On : 04 Dec 2019 15:43
Operator : JC/SP
Sample : K6055-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Dec 05 03:59:02 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	297391	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	322085	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	107462	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	150812	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.93	69	126242	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.59	63	169703	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	4.70	46	329895	54.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.90%
24) Chloroform-d	5.11	84	225587	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.75	65	125481	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.77	84	435993	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.73	67	144378	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.93	98	353468	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	8.21	79	53572	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	8.68	63	243472	49.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.24%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	127007	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	116191	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

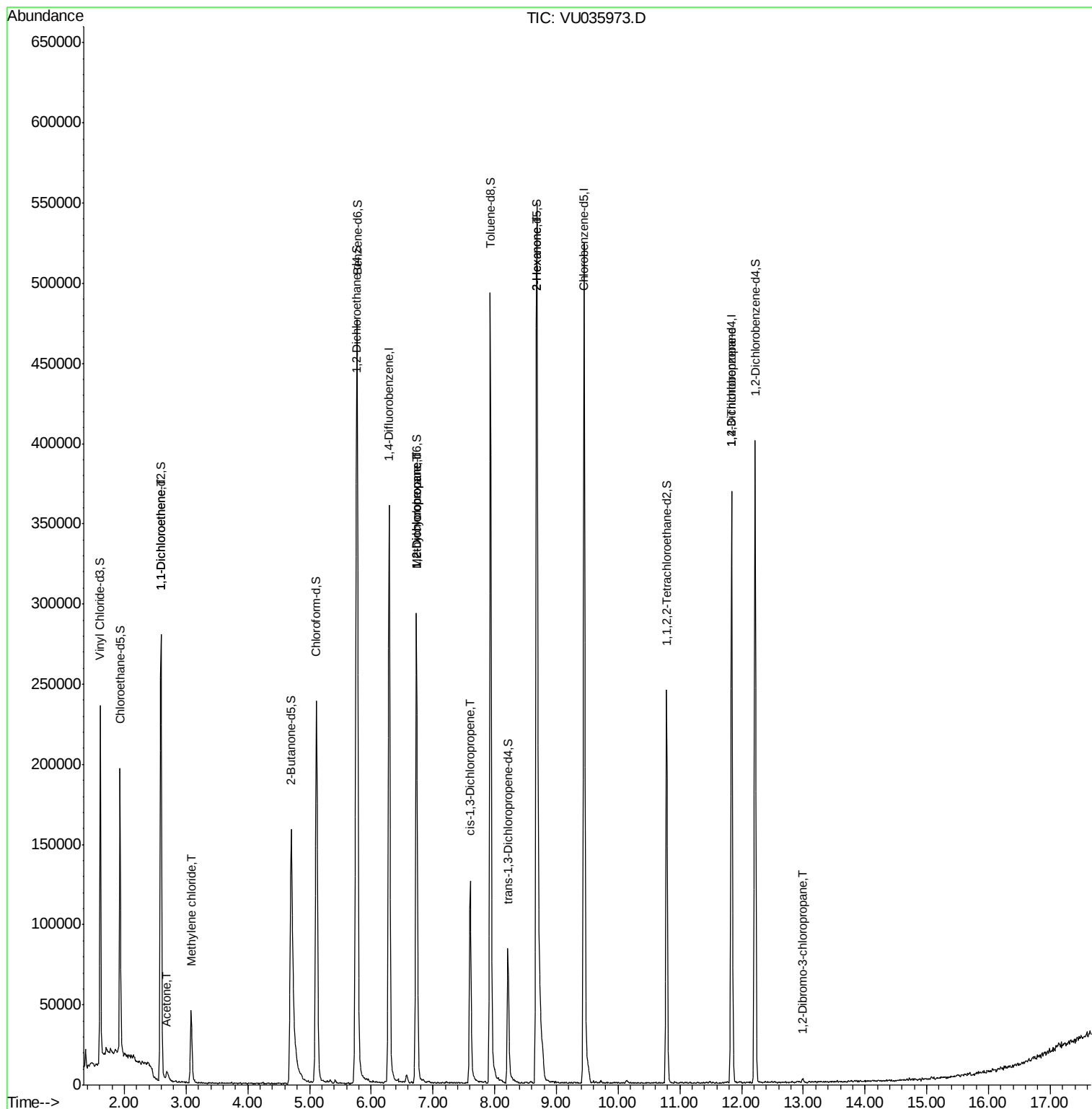
					Qvalue
12) 1,1-Dichloroethene	2.59	96	1564	0.073 ug/L #	1
13) Acetone	2.69	43	9922	1.828 ug/L	98
16) Methylene chloride	3.08	84	22129	0.670 ug/L	98
35) Methylcyclohexane	6.73	83	31859	0.830 ug/L #	16
37) 1,2-Dichloropropane	6.73	63	15023	0.548 ug/L #	89
39) cis-1,3-Dichloropropene	7.60	75	3491	0.096 ug/L #	35
48) 2-Hexanone	8.68	43	33216	2.790 ug/L #	69
59) 1,2,3-Trichloropropane	11.84	75	12696	0.712 ug/L	94
66) 1,2-Dibromo-3-chloropropan	12.98	75	404	0.152 ug/L #	8

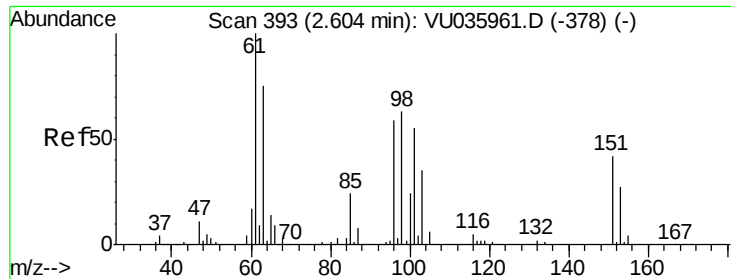
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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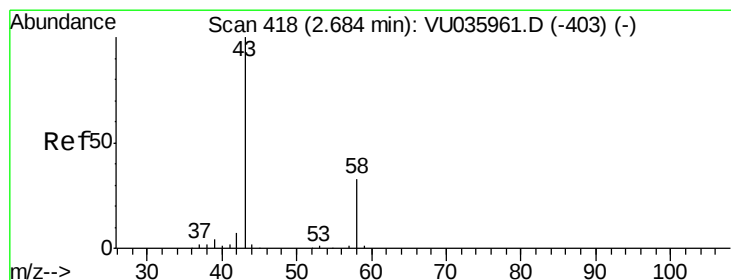
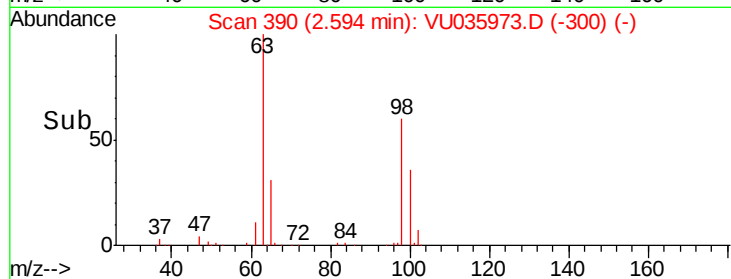
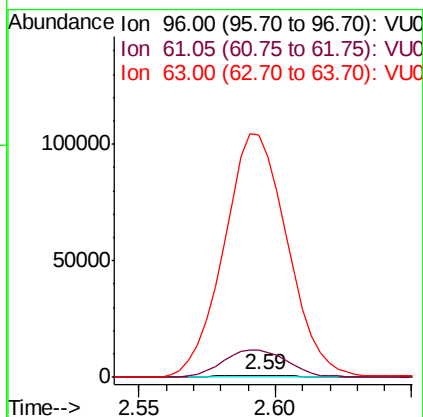
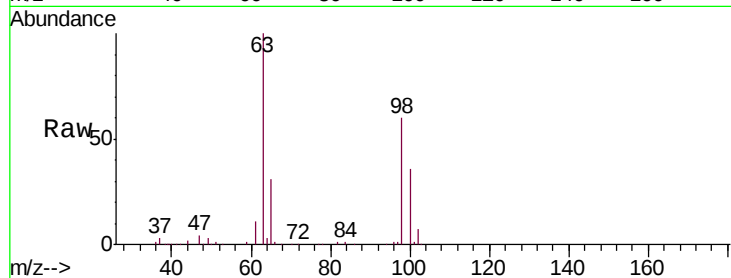




#12
 1,1-Dichloroethene
 Concen: 0.073 ug/L
 RT: 2.59 min Scan# 390
 Delta R.T. -0.01 min
 Lab File: VU035973.D
 Acq: 04 Dec 2019 15:43

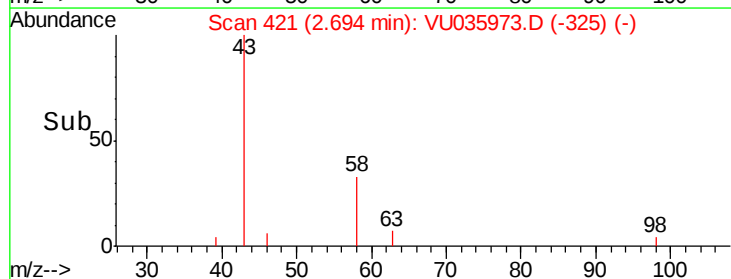
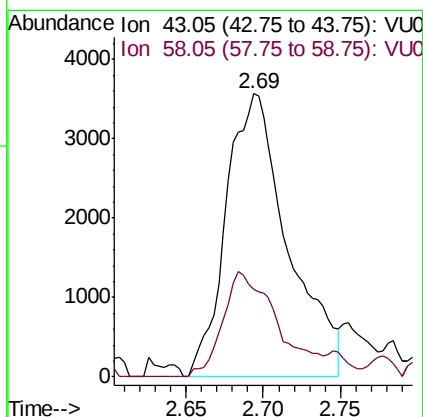
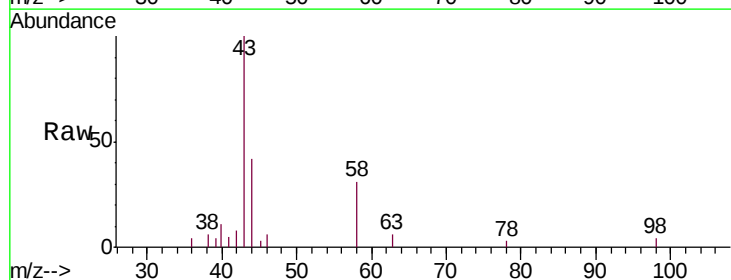
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

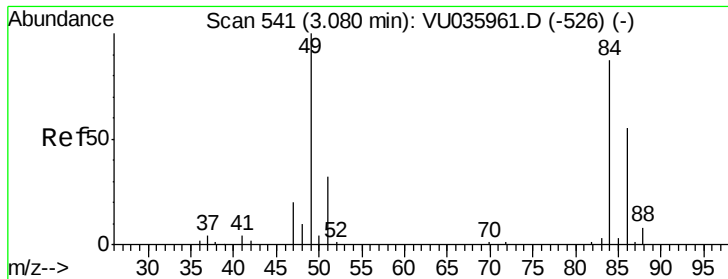
Tgt Ion: 96 Resp: 1564
 Ion Ratio Lower Upper
 96 100
 61 1289.1 127.1 236.1#
 63 11573.3 86.0 159.8#



#13
 Acetone
 Concen: 1.828 ug/L
 RT: 2.69 min Scan# 421
 Delta R.T. 0.01 min
 Lab File: VU035973.D
 Acq: 04 Dec 2019 15:43

Tgt Ion: 43 Resp: 9922
 Ion Ratio Lower Upper
 43 100
 58 32.9 0.0 68.6

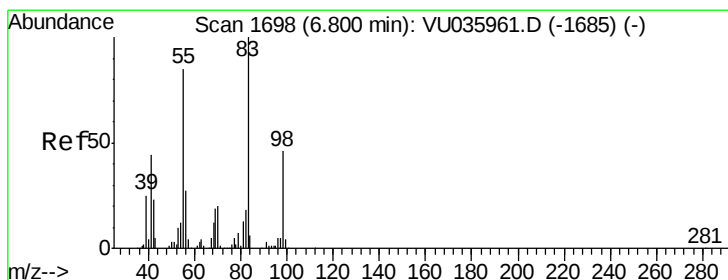
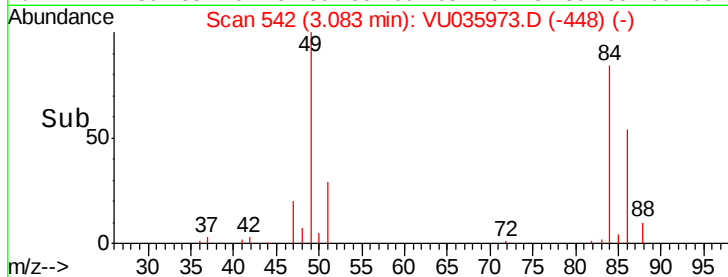
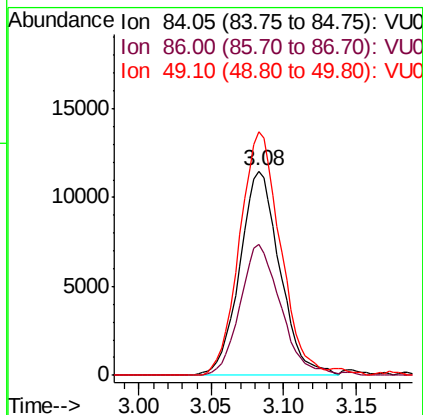
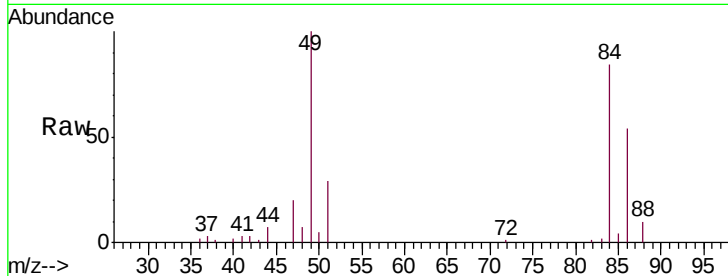




#16
Methylene chloride
Concen: 0.670 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035973.D
Acq: 04 Dec 2019 15:43

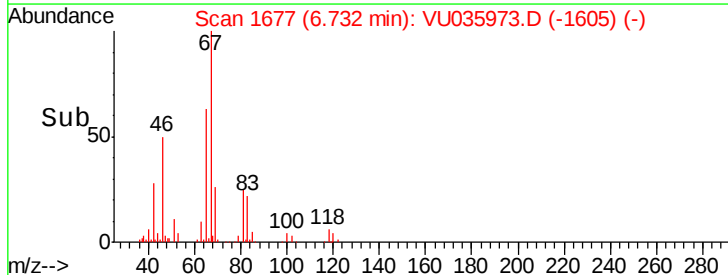
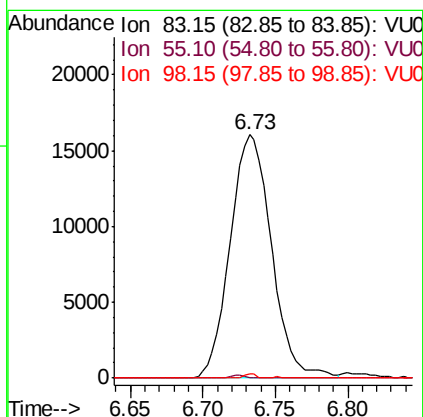
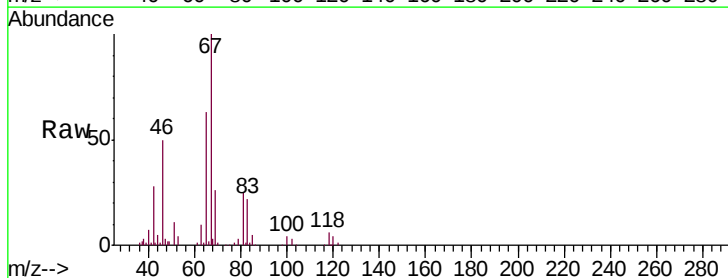
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

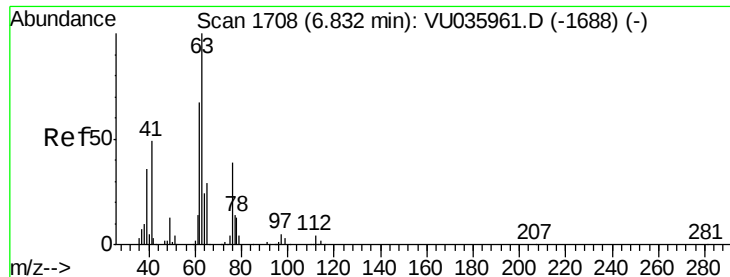
Tgt Ion: 84 Resp: 22129
Ion Ratio Lower Upper
84 100
86 64.0 44.7 82.9
49 119.3 86.2 160.2



#35
Methylcyclohexane
Concen: 0.830 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU035973.D
Acq: 04 Dec 2019 15:43

Tgt Ion: 83 Resp: 31859
Ion Ratio Lower Upper
83 100
55 0.4 67.4 101.0#
98 0.4 34.6 52.0#





#37

1,2-Dichloropropane

Concen: 0.548 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.10 min

Lab File: VU035973.D

Acq: 04 Dec 2019 15:43

Instrument :

MSVOA_U

ClientSampleId :

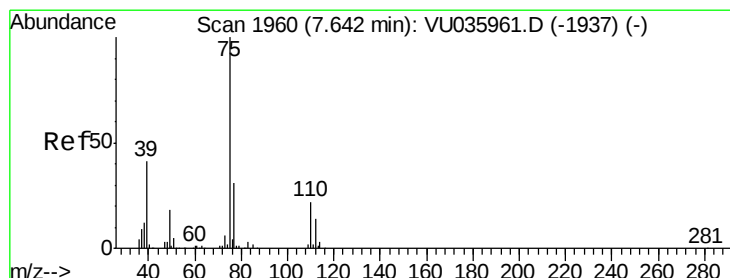
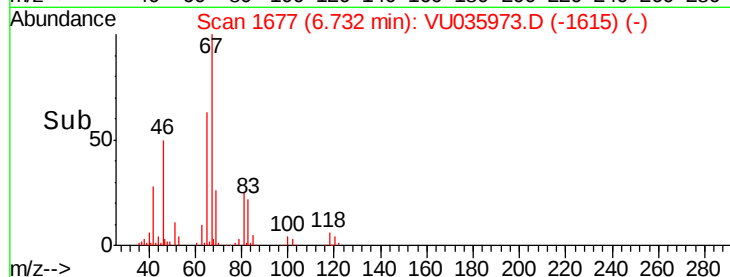
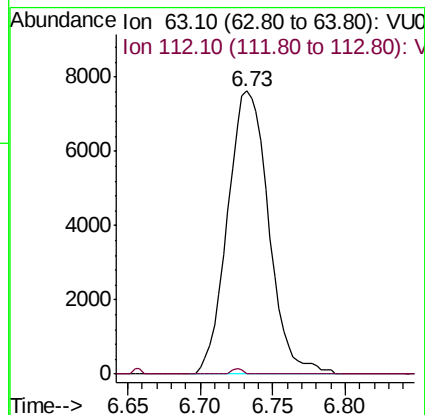
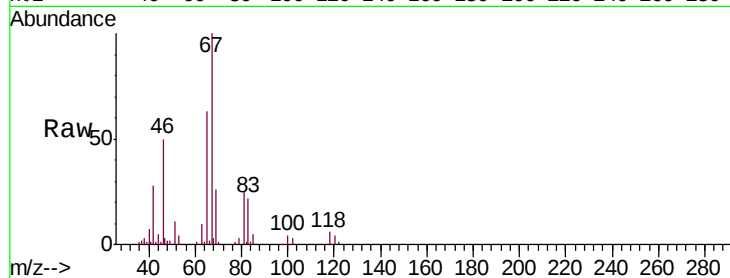
VHBLK01

Tgt Ion: 63 Resp: 15023

Ion Ratio Lower Upper

63 100

112 0.5 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 7.60 min Scan# 1948

Delta R.T. -0.04 min

Lab File: VU035973.D

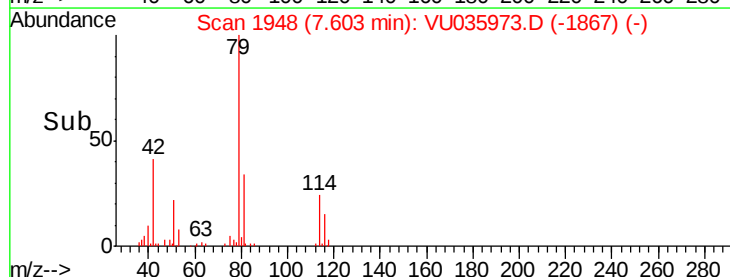
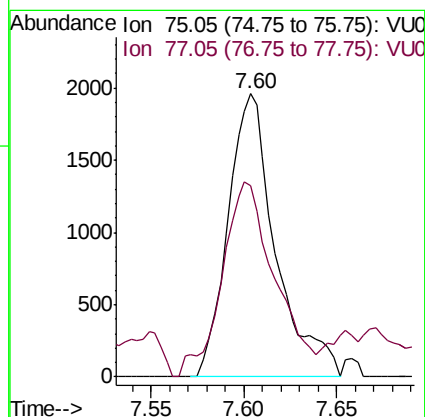
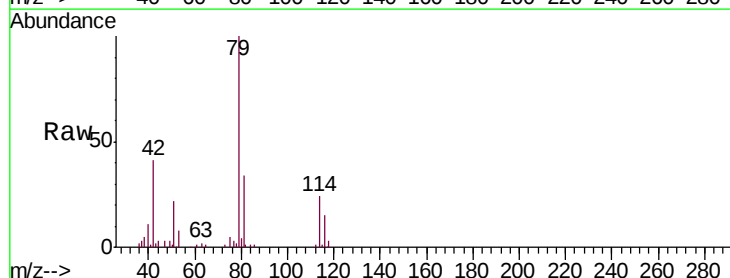
Acq: 04 Dec 2019 15:43

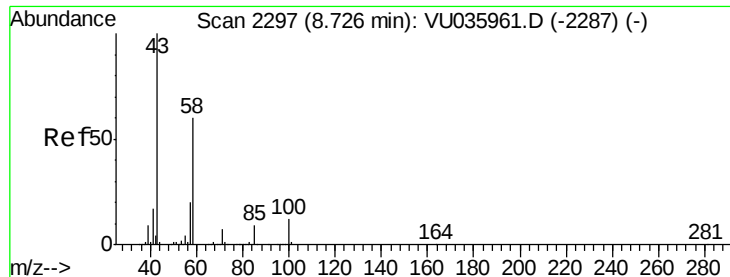
Tgt Ion: 75 Resp: 3491

Ion Ratio Lower Upper

75 100

77 67.4 21.9 40.7#

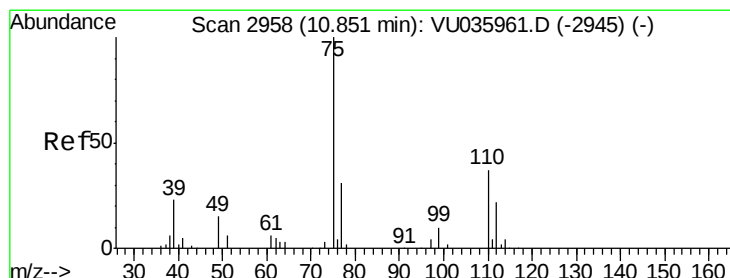
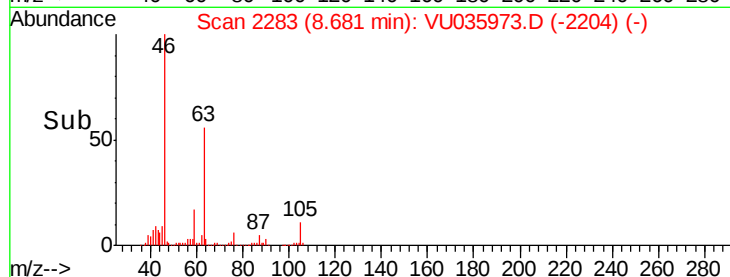
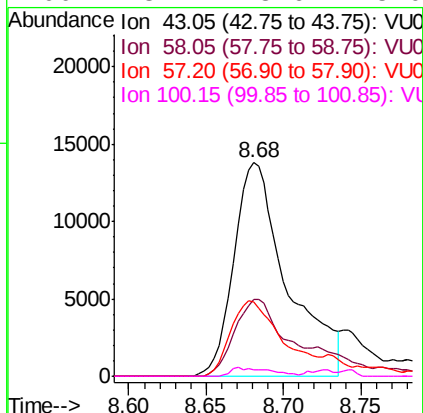
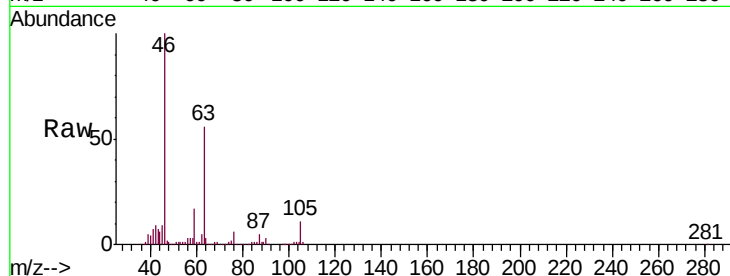




#48
 2-Hexanone
 Concen: 2.790 ug/L
 RT: 8.68 min Scan# 2283
 Delta R.T. -0.05 min
 Lab File: VU035973.D
 Acq: 04 Dec 2019 15:43

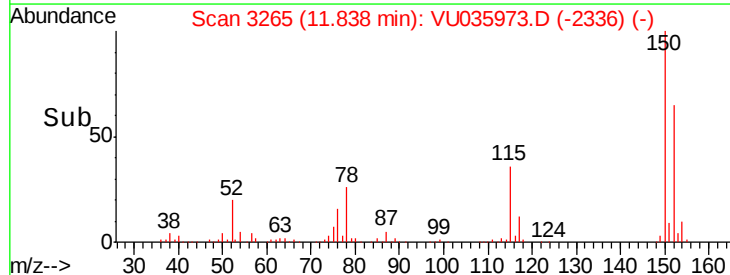
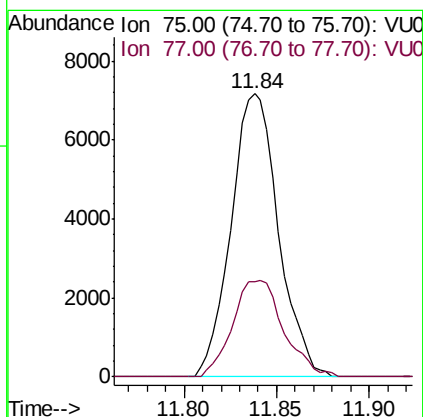
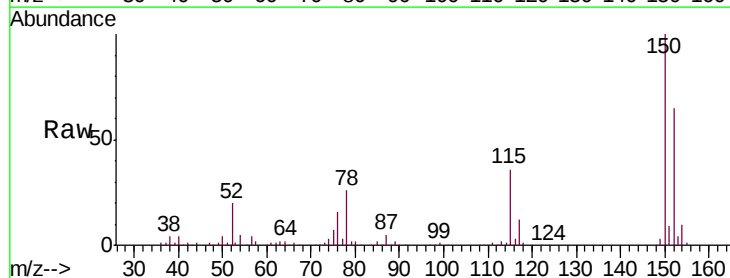
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

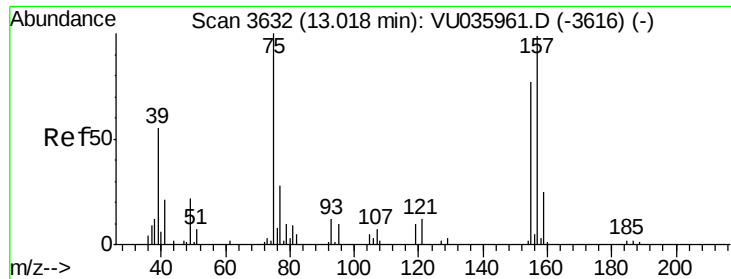
Tgt Ion:	43	Resp:	33216
Ion	Ratio	Lower	Upper
43	100		
58	33.0	45.4	68.2#
57	33.9	14.9	22.3#
100	3.1	8.6	13.0#



#59
 1,2,3-Trichloropropane
 Concen: 0.712 ug/L
 RT: 11.84 min Scan# 3265
 Delta R.T. 0.99 min
 Lab File: VU035973.D
 Acq: 04 Dec 2019 15:43

Tgt Ion:	75	Resp:	12696
Ion	Ratio	Lower	Upper
75	100		
77	36.8	26.6	39.8





#66

1,2-Dibromo-3-chloropropane

Concen: 0.152 ug/L

RT: 12.98 min Scan# 3621

Delta R.T. -0.04 min

Lab File: VU035973.D

Acq: 04 Dec 2019 15:43

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

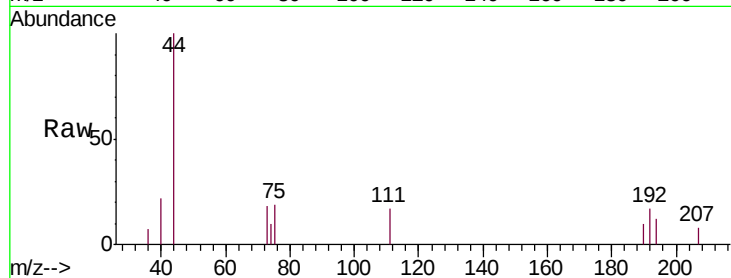
Tgt Ion: 75 Resp: 404

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): VU035973.D (-3539) (-)

Ion 154.95 (154.65 to 155.65): VU035973.D (-3539) (-)

Ion 156.90 (156.60 to 157.60): VU035973.D (-3539) (-)

