

Data File : VU035969.D
Acq On : 04 Dec 2019 14:06
Operator : JC/SP
Sample : K6056-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Dec 05 03:58:08 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	288422	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	321893	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	104027	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	148901	4.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.60%
7) Chloroethane-d5	1.93	69	127342	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.59	63	169477	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	4.70	46	292010	50.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.32%
24) Chloroform-d	5.11	84	225479	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.75	65	121245	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.77	84	427889	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.73	67	143051	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.93	98	346114	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.80%
43) trans-1,3-Dichloropropene-	8.21	79	53212	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.68	63	212493	43.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.66%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	120164	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	111122	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

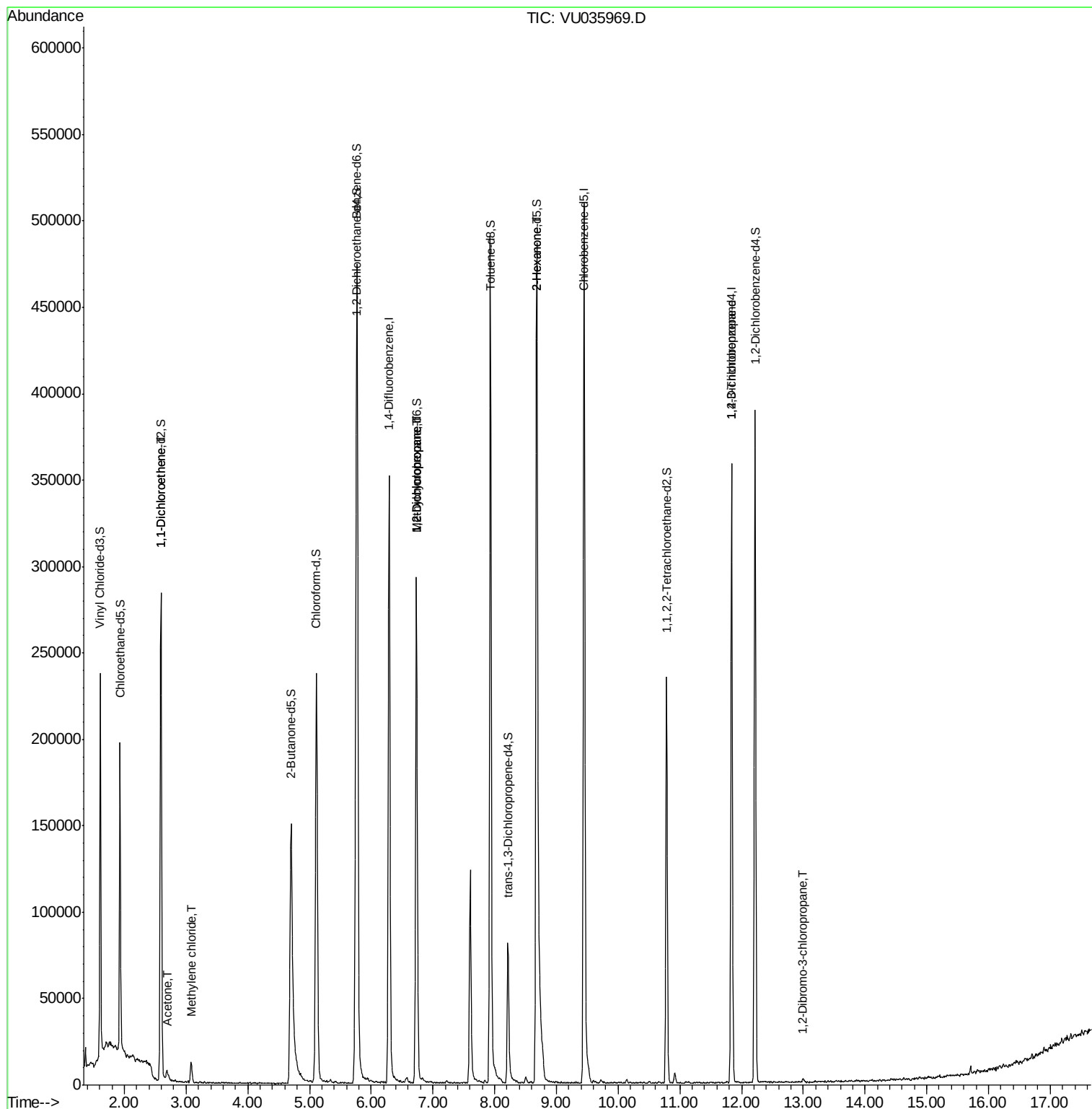
					Qvalue
12) 1,1-Dichloroethene	2.60	96	1546	0.075 ug/L #	1
13) Acetone	2.69	43	9264	1.760 ug/L	99
16) Methylene chloride	3.09	84	6246	0.195 ug/L	92
35) Methylcyclohexane	6.73	83	32584	0.849 ug/L #	16
37) 1,2-Dichloropropane	6.73	63	14967	0.546 ug/L #	88
48) 2-Hexanone	8.68	43	25866	2.174 ug/L #	64
59) 1,2,3-Trichloropropane	11.84	75	12299	0.690 ug/L	89
66) 1,2-Dibromo-3-chloropropan	13.00	75	285	0.111 ug/L #	8

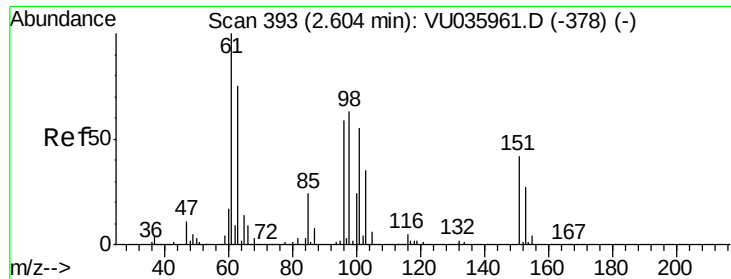
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.075 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU035969.D

Acq: 04 Dec 2019 14:06

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

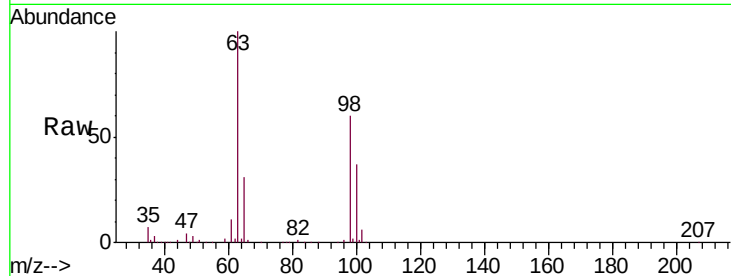
Tgt Ion: 96 Resp: 1546

Ion Ratio Lower Upper

96 100

61 1374.1 127.1 236.1#

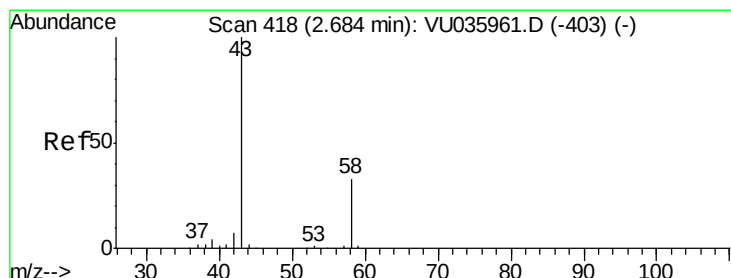
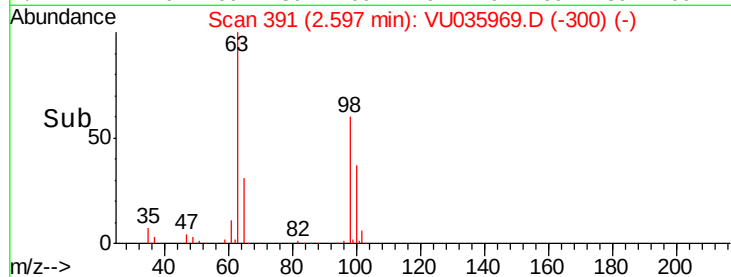
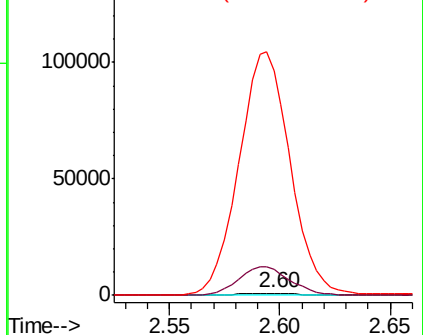
63 12160.2 86.0 159.8#



Abundance Ion 96.00 (95.70 to 96.70): VU035969.D (-300) (-)

Ion 61.05 (60.75 to 61.75): VU035969.D (-300) (-)

Ion 63.00 (62.70 to 63.70): VU035969.D (-300) (-)



#13

Acetone

Concen: 1.760 ug/L

RT: 2.69 min Scan# 419

Delta R.T. 0.00 min

Lab File: VU035969.D

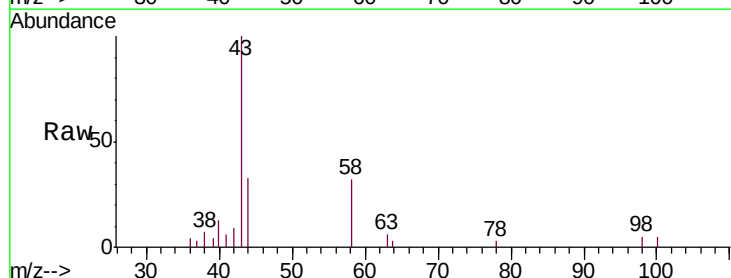
Acq: 04 Dec 2019 14:06

Tgt Ion: 43 Resp: 9264

Ion Ratio Lower Upper

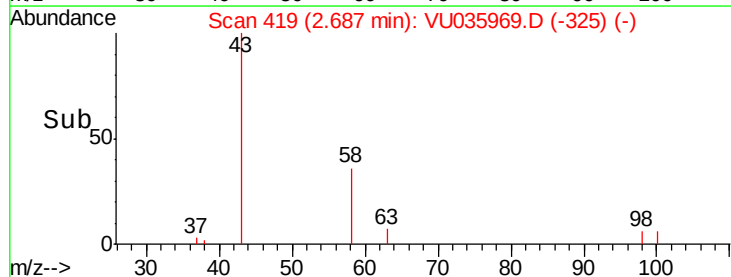
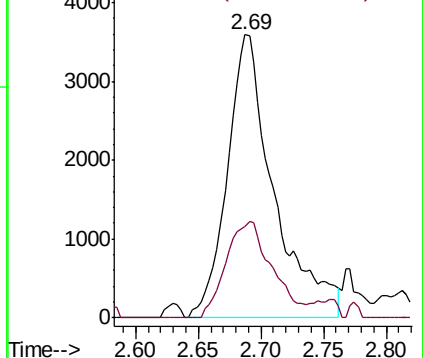
43 100

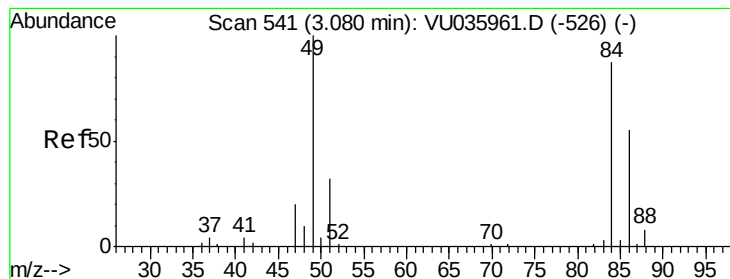
58 33.6 0.0 68.6



Abundance Ion 43.05 (42.75 to 43.75): VU035969.D (-325) (-)

Ion 58.05 (57.75 to 58.75): VU035969.D (-325) (-)





#16

Methylene chloride

Concen: 0.195 ug/L

RT: 3.09 min Scan# 543

Delta R.T. 0.01 min

Lab File: VU035969.D

Acq: 04 Dec 2019 14:06

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

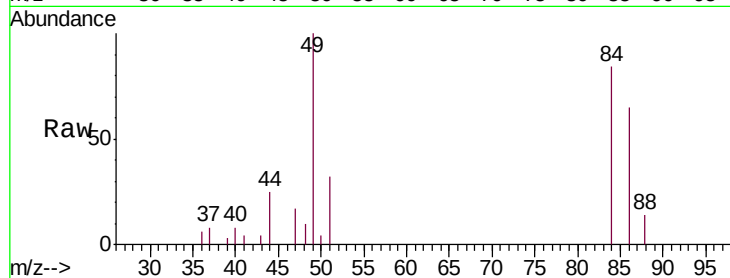
Tgt Ion: 84 Resp: 6246

Ion Ratio Lower Upper

84 100

86 76.8 44.7 82.9

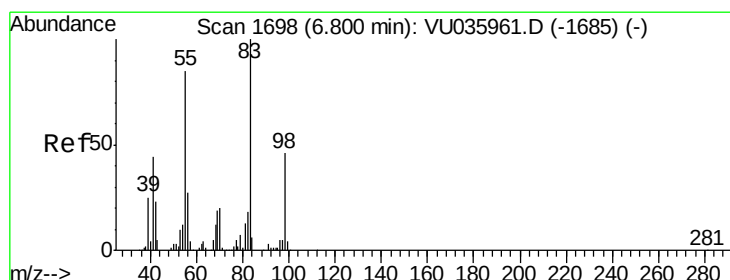
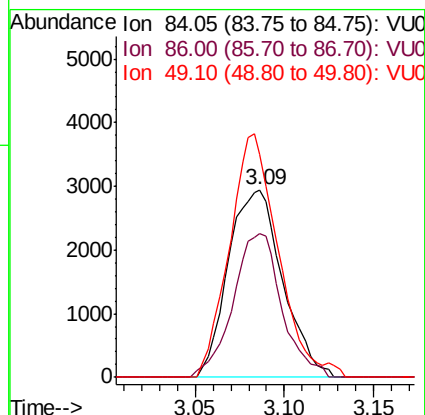
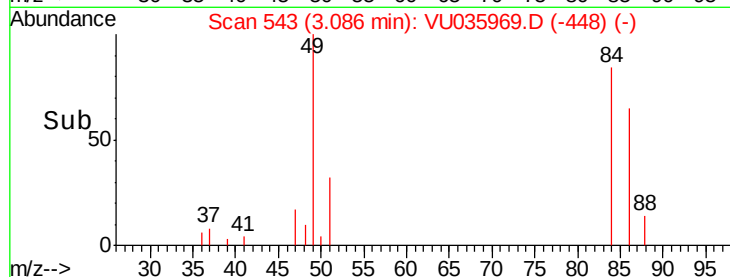
49 118.9 86.2 160.2



Abundance Ion 84.05 (83.75 to 84.75): VU035969.D (-1605) (-)

Ion 86.00 (85.70 to 86.70): VU035969.D (-1605) (-)

Ion 49.10 (48.80 to 49.80): VU035969.D (-1605) (-)



#35

Methylcyclohexane

Concen: 0.849 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU035969.D

Acq: 04 Dec 2019 14:06

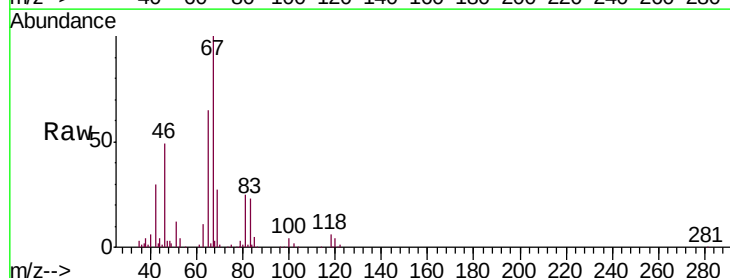
Tgt Ion: 83 Resp: 32584

Ion Ratio Lower Upper

83 100

55 0.4 67.4 101.0#

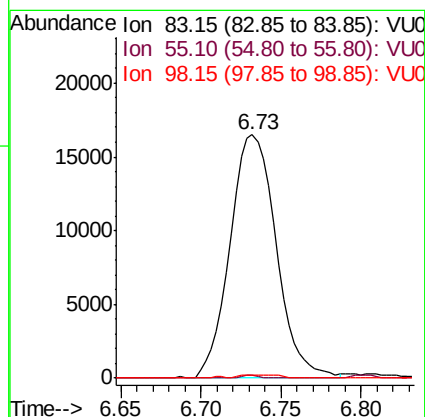
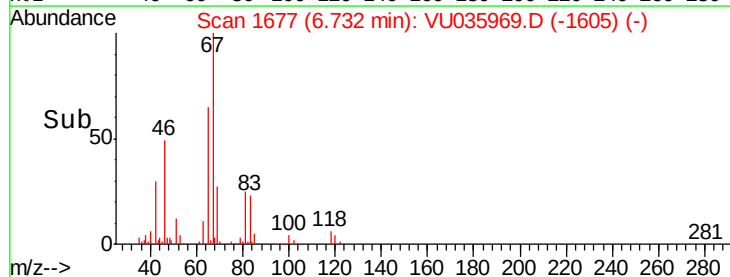
98 0.6 34.6 52.0#

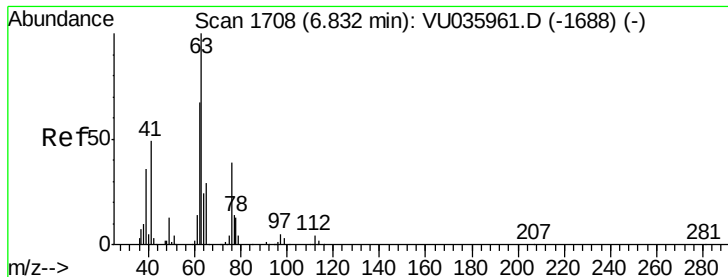


Abundance Ion 83.15 (82.85 to 83.85): VU035969.D (-1605) (-)

Ion 55.10 (54.80 to 55.80): VU035969.D (-1605) (-)

Ion 98.15 (97.85 to 98.85): VU035969.D (-1605) (-)

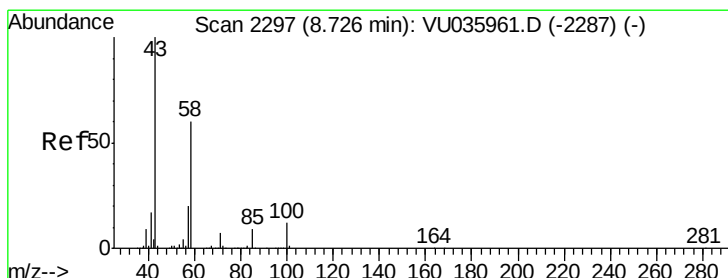
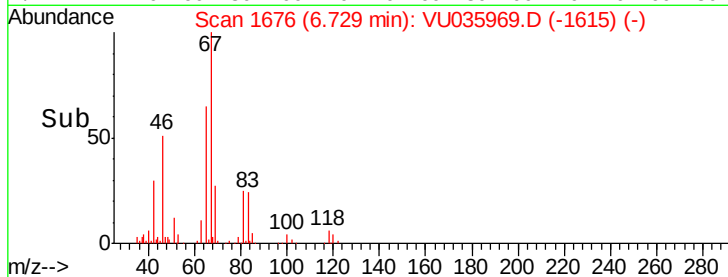
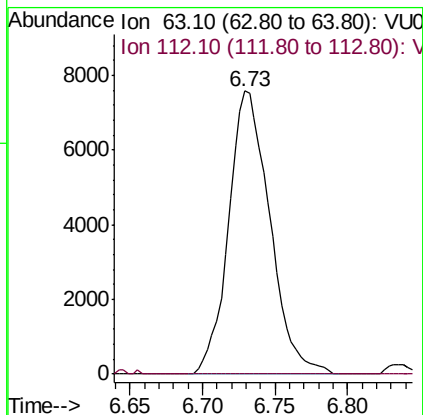
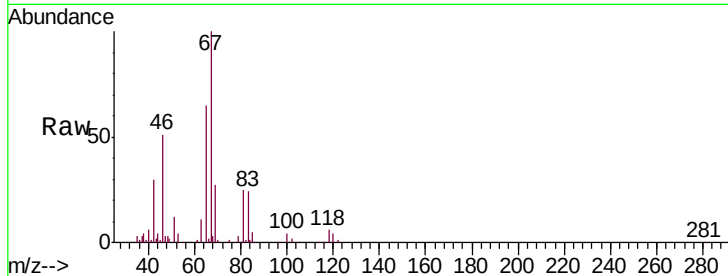




#37
 1,2-Dichloropropane
 Concen: 0.546 ug/L
 RT: 6.73 min Scan# 1676
 Delta R.T. -0.10 min
 Lab File: VU035969.D
 Acq: 04 Dec 2019 14:06

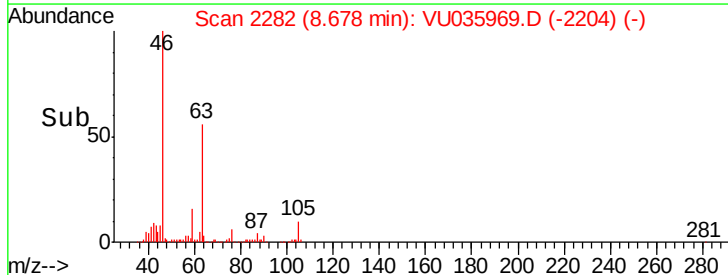
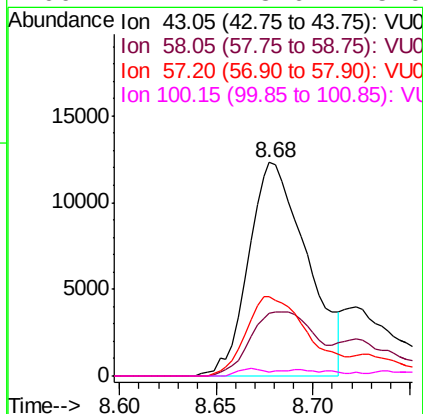
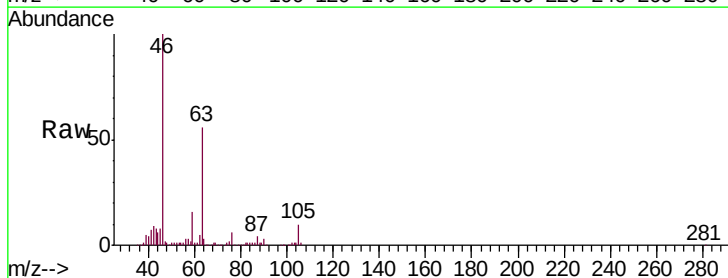
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

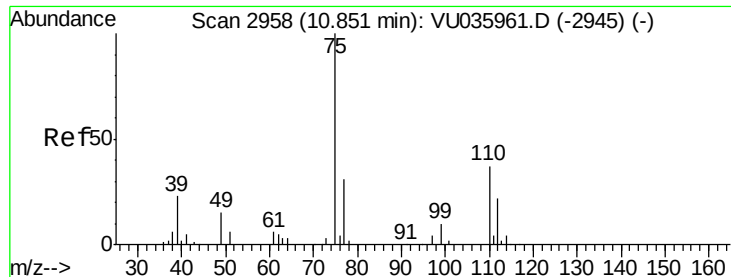
Tgt Ion: 63 Resp: 14967
 Ion Ratio Lower Upper
 63 100
 112 0.1 3.3 4.9#



#48
 2-Hexanone
 Concen: 2.174 ug/L
 RT: 8.68 min Scan# 2282
 Delta R.T. -0.05 min
 Lab File: VU035969.D
 Acq: 04 Dec 2019 14:06

Tgt Ion: 43 Resp: 25866
 Ion Ratio Lower Upper
 43 100
 58 32.2 45.4 68.2#
 57 40.3 14.9 22.3#
 100 1.4 8.6 13.0#

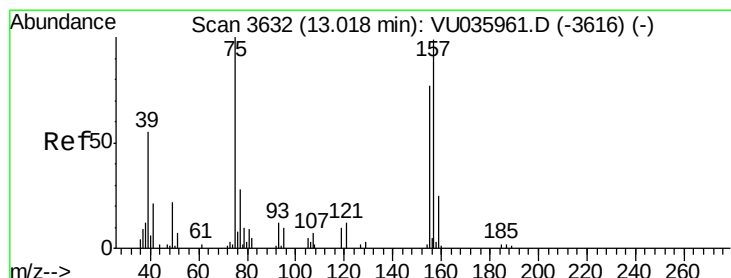
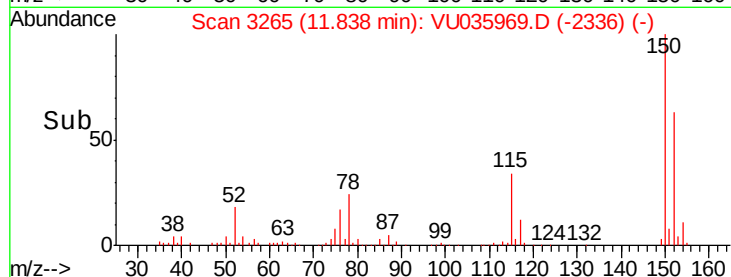
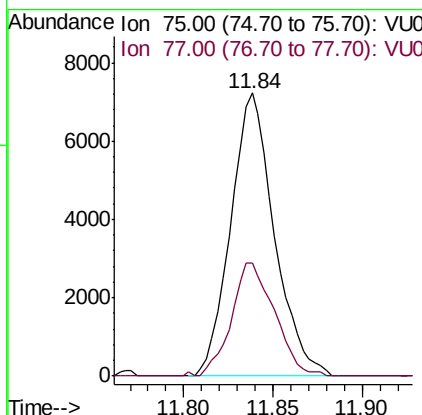
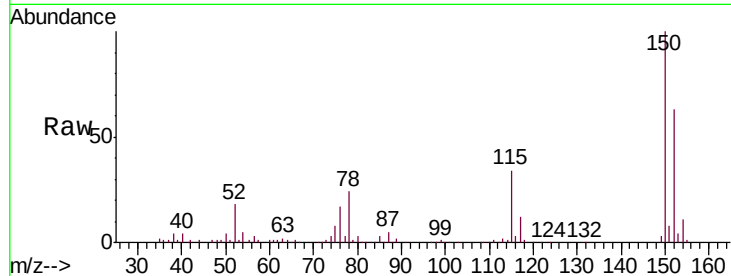




#59
 1,2,3-Trichloropropane
 Concen: 0.690 ug/L
 RT: 11.84 min Scan# 3265
 Delta R.T. 0.99 min
 Lab File: VU035969.D
 Acq: 04 Dec 2019 14:06

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Tgt Ion: 75 Resp: 12299
 Ion Ratio Lower Upper
 75 100
 77 39.6 26.6 39.8



#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.111 ug/L
 RT: 13.00 min Scan# 3626
 Delta R.T. -0.02 min
 Lab File: VU035969.D
 Acq: 04 Dec 2019 14:06

Tgt Ion: 75 Resp: 285
 Ion Ratio Lower Upper
 75 100
 155 0.0 55.1 82.7#
 157 0.0 74.0 111.0#

