

Data File : VU035982.D
Acq On : 04 Dec 2019 19:51
Operator : JC/SP
Sample : K6132-07 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFQR8

Quant Time: Dec 05 04:00:32 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	293738	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	327074	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	104708	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	138161	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.93	69	116865	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.59	63	156903	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	4.70	46	306664	51.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.44%
24) Chloroform-d	5.11	84	210607	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.75	65	117531	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.77	84	408441	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
36) 1,2-Dichloropropane-d6	6.73	67	134569	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.80%
41) Toluene-d8	7.93	98	326811	3.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.20%
43) trans-1,3-Dichloropropene-	8.22	79	49711	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	8.68	63	227554	45.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.34%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	119825	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	106349	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

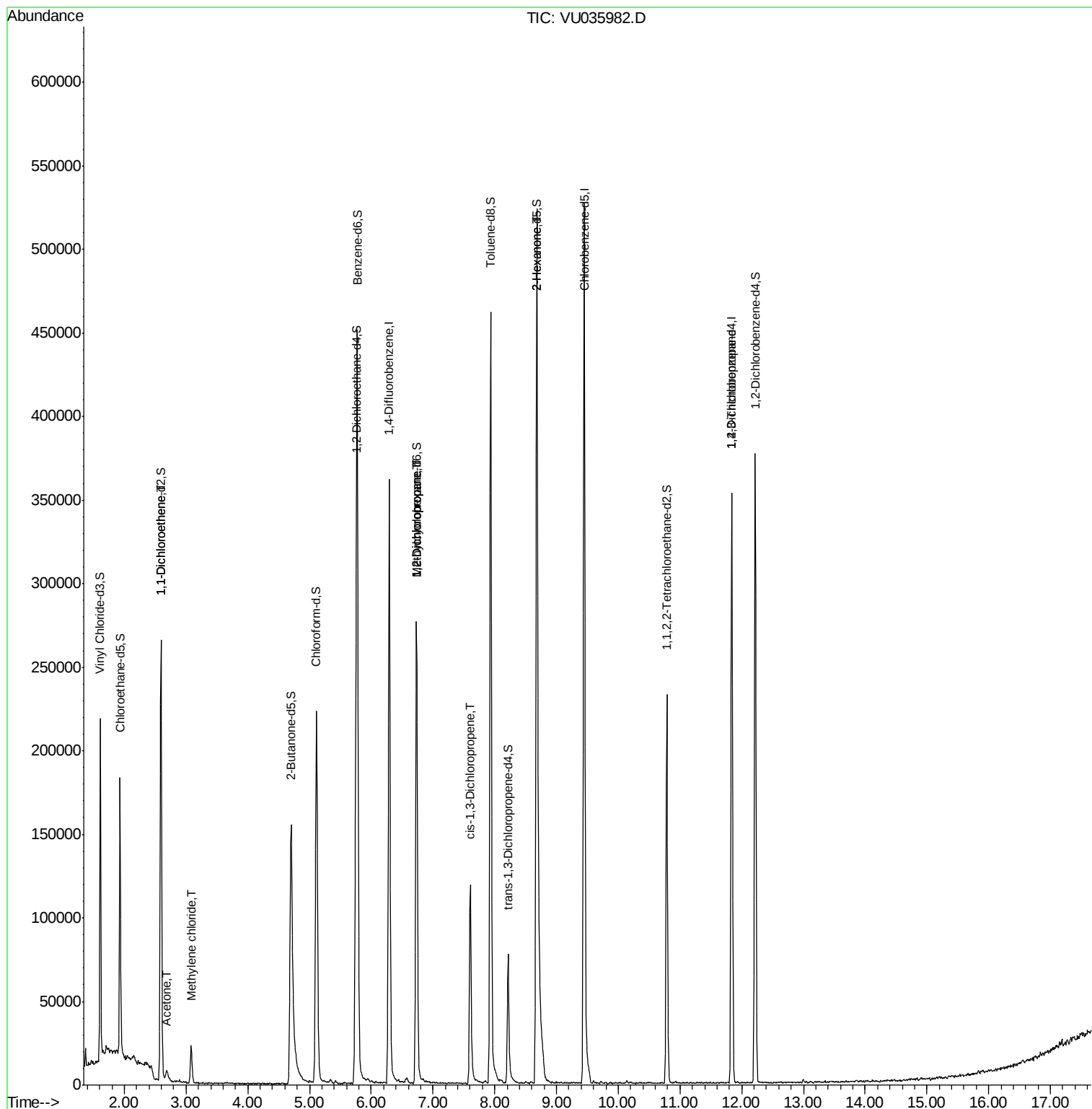
					Qvalue
12) 1,1-Dichloroethene	2.59	96	1299	0.062 ug/L #	1
13) Acetone	2.69	43	9780	1.824 ug/L	95
16) Methylene chloride	3.08	84	10897	0.334 ug/L	97
35) Methylcyclohexane	6.73	83	31564	0.809 ug/L #	16
37) 1,2-Dichloropropane	6.73	63	14493	0.520 ug/L #	89
39) cis-1,3-Dichloropropene	7.61	75	3505	0.095 ug/L #	64
48) 2-Hexanone	8.68	43	26452	2.188 ug/L #	66
59) 1,2,3-Trichloropropane	11.84	75	12238	0.676 ug/L	99

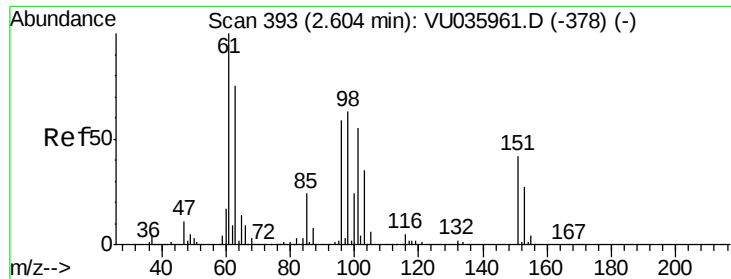
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 05 03:54:31 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.062 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU035982.D

Acq: 04 Dec 2019 19:51

Instrument :

MSVOA_U

ClientSampleId :

BFQR8

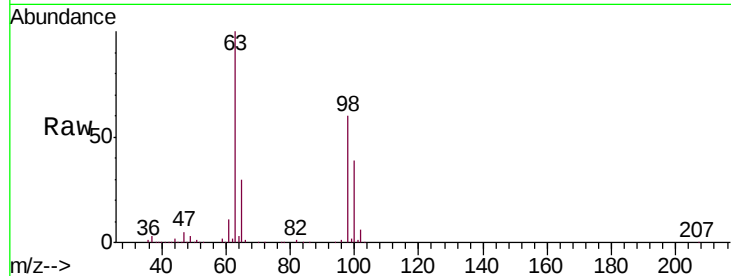
Tgt Ion: 96 Resp: 1299

Ion Ratio Lower Upper

96 100

61 1280.1 127.1 236.1#

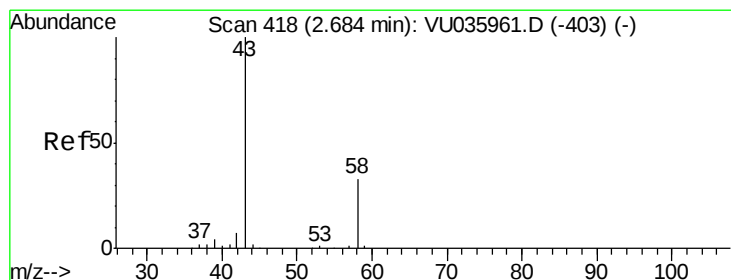
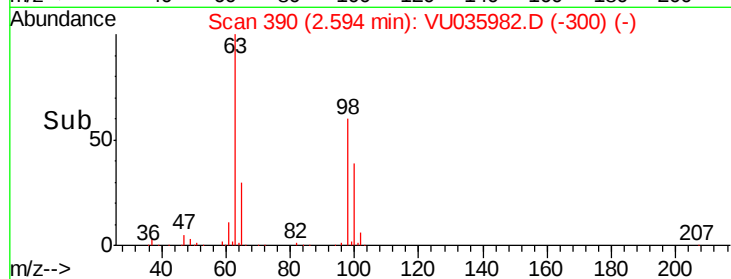
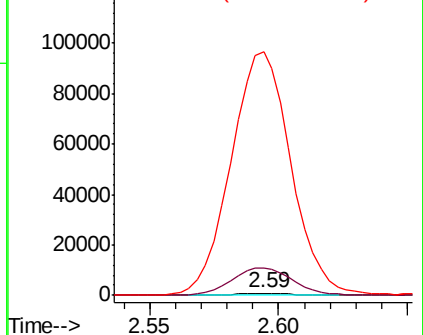
63 11299.2 86.0 159.8#



Abundance Ion 96.00 (95.70 to 96.70): VU035982.D (-300) (-)

Ion 61.05 (60.75 to 61.75): VU035982.D (-300) (-)

Ion 63.00 (62.70 to 63.70): VU035982.D (-300) (-)



#13

Acetone

Concen: 1.824 ug/L

RT: 2.69 min Scan# 420

Delta R.T. 0.01 min

Lab File: VU035982.D

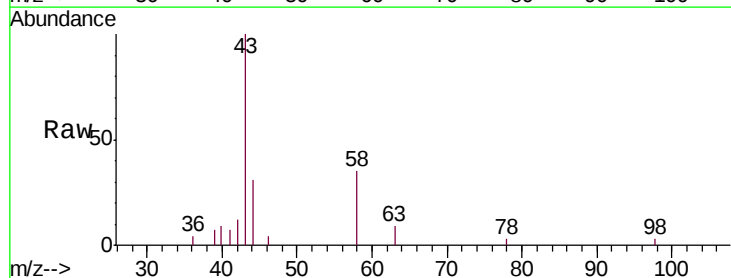
Acq: 04 Dec 2019 19:51

Tgt Ion: 43 Resp: 9780

Ion Ratio Lower Upper

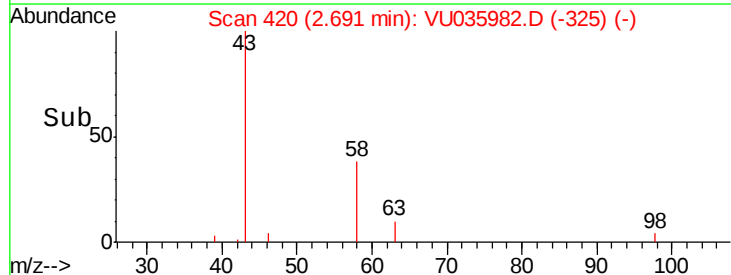
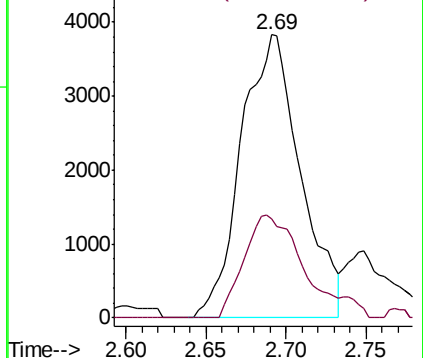
43 100

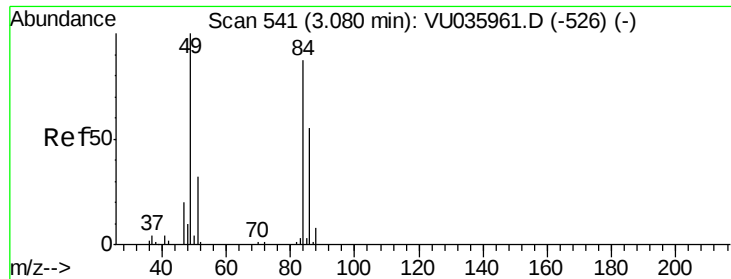
58 37.2 0.0 68.6



Abundance Ion 43.05 (42.75 to 43.75): VU035982.D (-325) (-)

Ion 58.05 (57.75 to 58.75): VU035982.D (-325) (-)

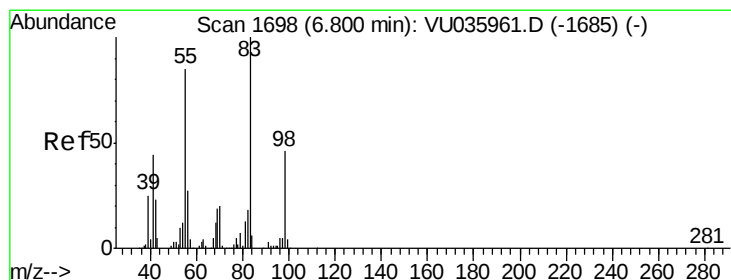
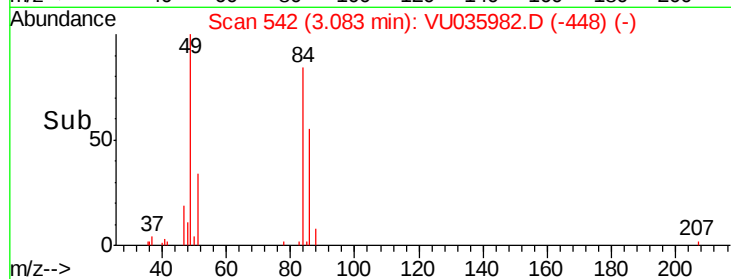
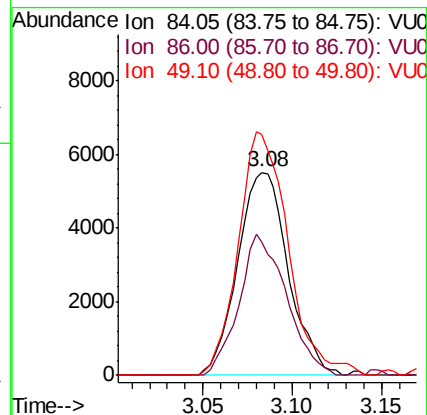
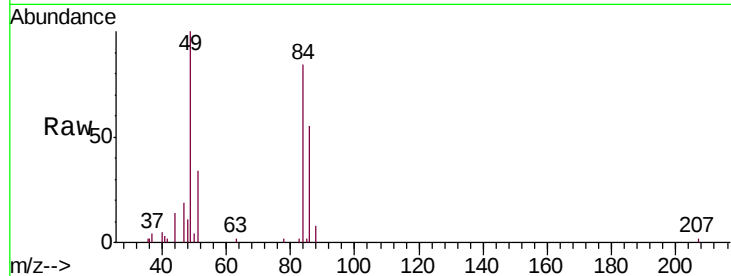




#16
Methylene chloride
Concen: 0.334 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035982.D
Acq: 04 Dec 2019 19:51

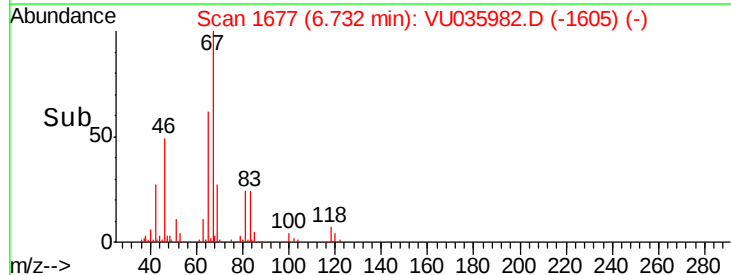
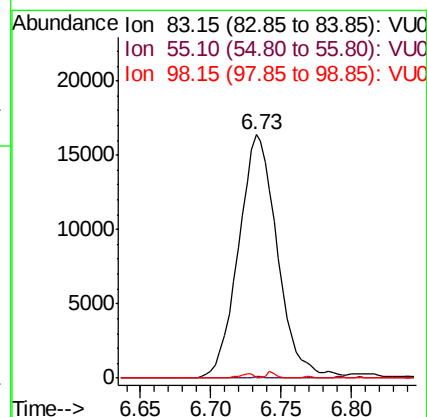
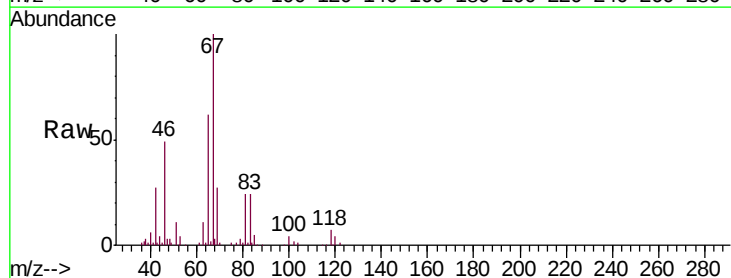
Instrument :
MSVOA_U
ClientSampleId :
BFQR8

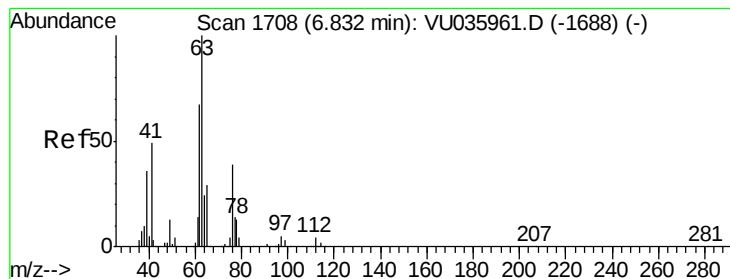
Tgt Ion: 84 Resp: 10897
Ion Ratio Lower Upper
84 100
86 65.5 44.7 82.9
49 118.7 86.2 160.2



#35
Methylcyclohexane
Concen: 0.809 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU035982.D
Acq: 04 Dec 2019 19:51

Tgt Ion: 83 Resp: 31564
Ion Ratio Lower Upper
83 100
55 0.2 67.4 101.0#
98 0.6 34.6 52.0#





#37

1,2-Dichloropropane

Concen: 0.520 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.10 min

Lab File: VU035982.D

Acq: 04 Dec 2019 19:51

Instrument :

MSVOA_U

ClientSampleId :

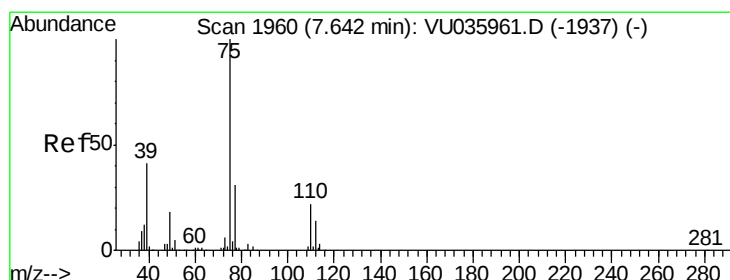
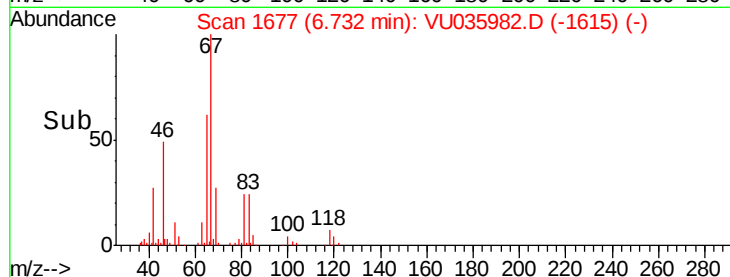
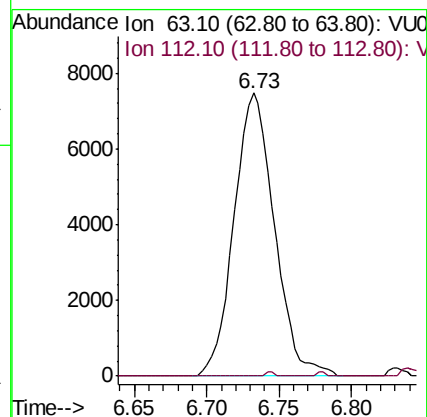
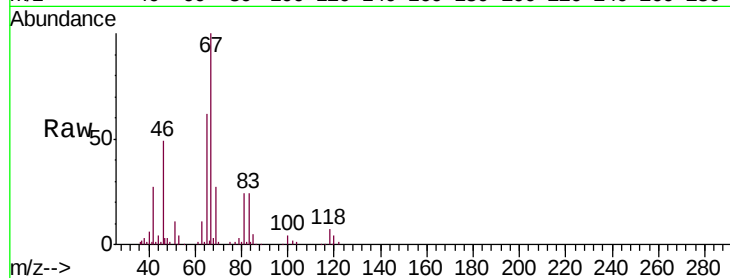
BFQR8

Tgt Ion: 63 Resp: 14493

Ion Ratio Lower Upper

63 100

112 0.3 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 7.61 min Scan# 1949

Delta R.T. -0.04 min

Lab File: VU035982.D

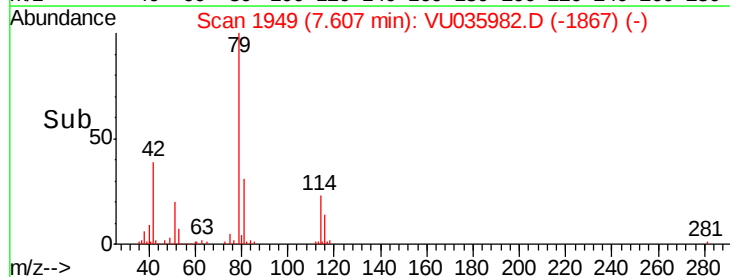
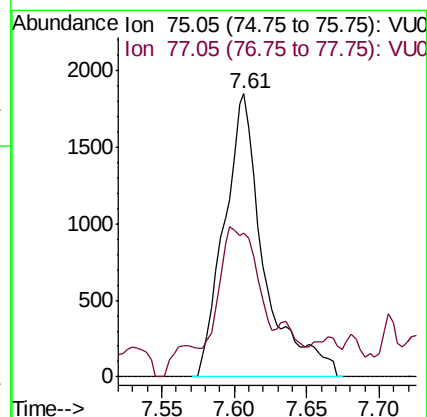
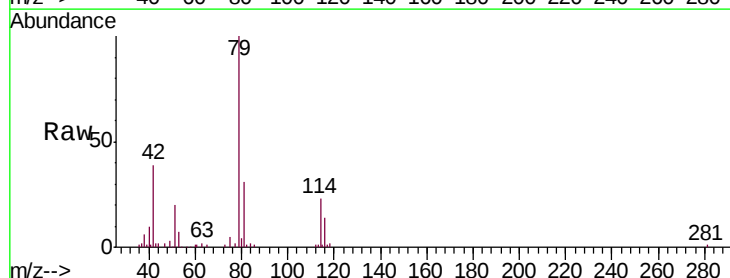
Acq: 04 Dec 2019 19:51

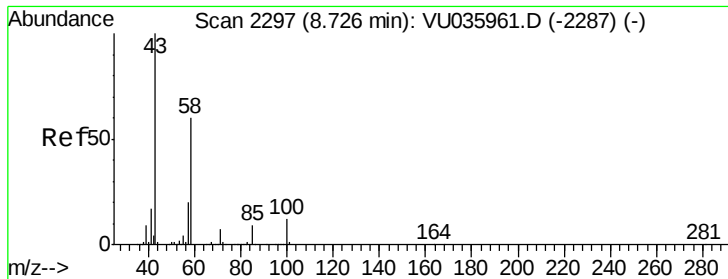
Tgt Ion: 75 Resp: 3505

Ion Ratio Lower Upper

75 100

77 50.9 21.9 40.7#

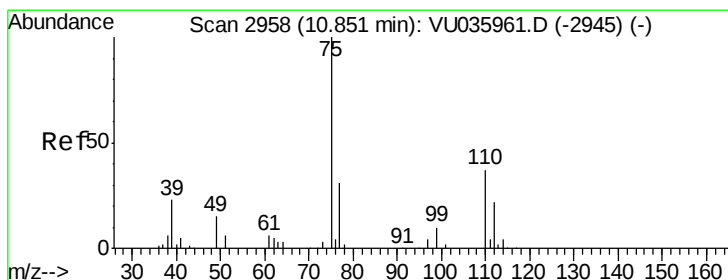
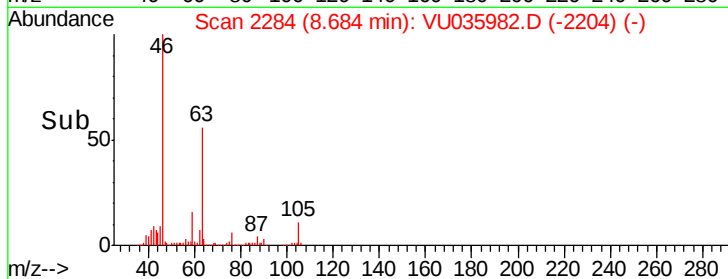
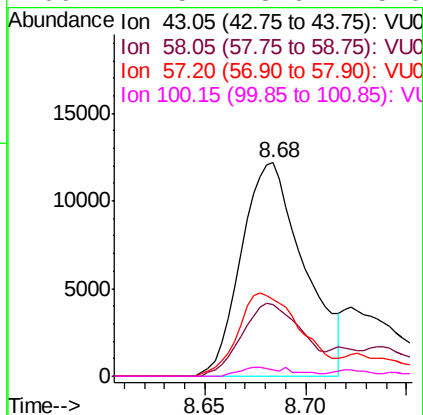
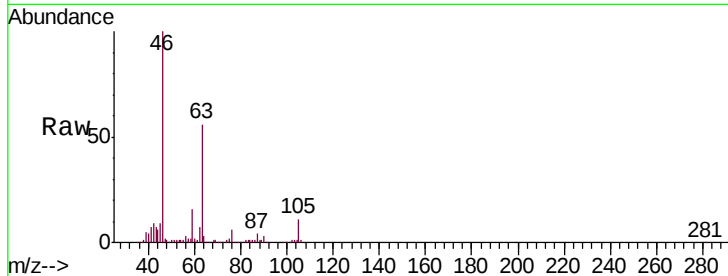




#48
 2-Hexanone
 Concen: 2.188 ug/L
 RT: 8.68 min Scan# 2284
 Delta R.T. -0.04 min
 Lab File: VU035982.D
 Acq: 04 Dec 2019 19:51

Instrument :
 MSVOA_U
 ClientSampled :
 BFQR8

Tgt Ion: 43 Resp: 26452
 Ion Ratio Lower Upper
 43 100
 58 33.1 45.4 68.2#
 57 39.5 14.9 22.3#
 100 2.5 8.6 13.0#



#59
 1,2,3-Trichloropropane
 Concen: 0.676 ug/L
 RT: 11.84 min Scan# 3265
 Delta R.T. 0.99 min
 Lab File: VU035982.D
 Acq: 04 Dec 2019 19:51

Tgt Ion: 75 Resp: 12238
 Ion Ratio Lower Upper
 75 100
 77 34.0 26.6 39.8

