

Data File : VU035727.D
Acq On : 15 Nov 2019 15:28
Operator : JC/SP
Sample : K5759-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Nov 16 01:41:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 16 01:36:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	199854	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	227044	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	91799	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	94078	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.93	69	83327	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.00%
11) 1,1-Dichloroethene-d2	2.59	63	119748	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	4.71	46	233368	51.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.76%
24) Chloroform-d	5.11	84	157799	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.75	65	87765	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.77	84	327697	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.74	67	110195	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.93	98	273427	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
43) trans-1,3-Dichloropropene-	8.22	79	39959	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.68	63	157192	43.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.92%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	94545	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	94961	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

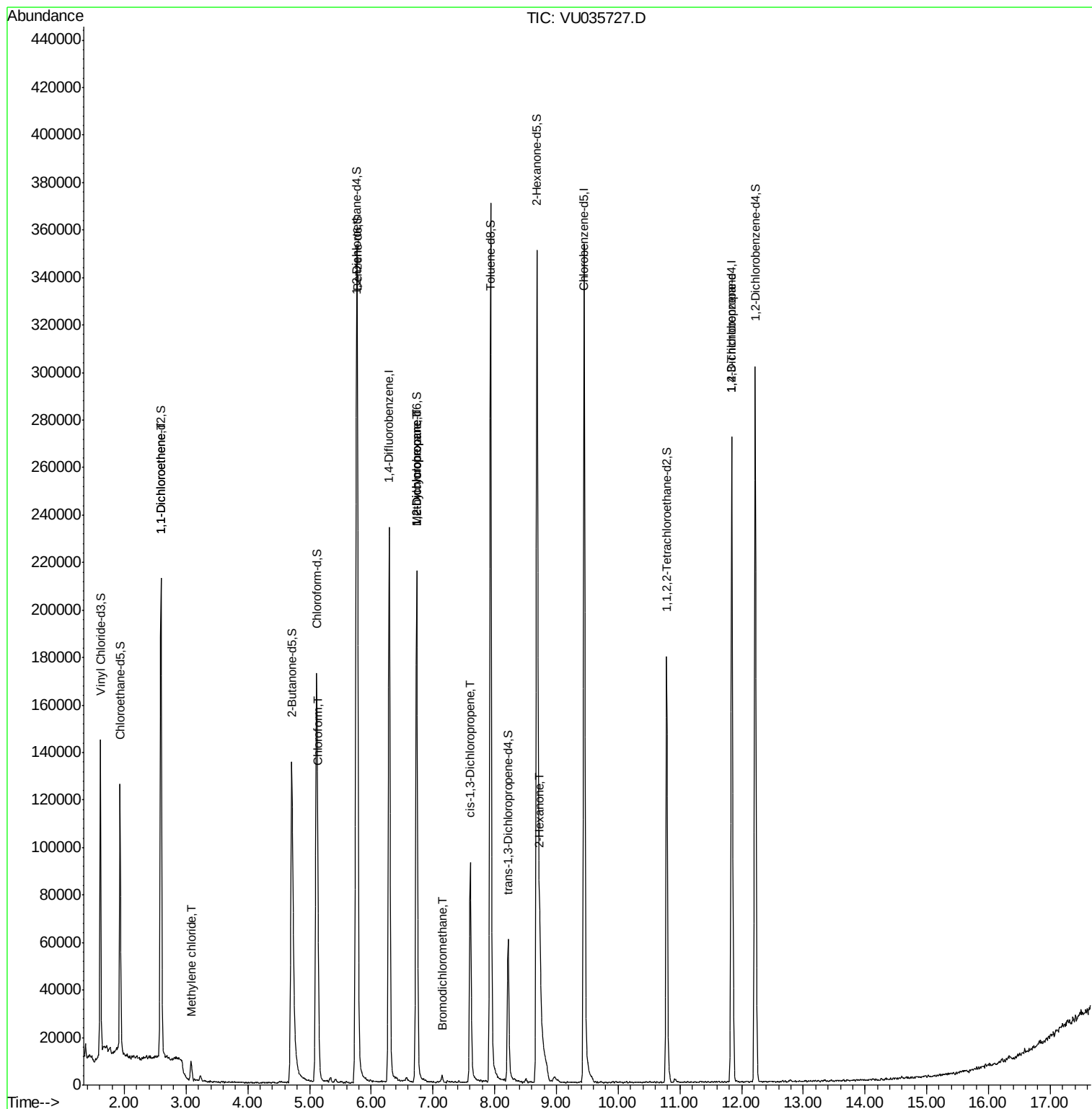
					Qvalue
12) 1,1-Dichloroethene	2.59	96	1195	0.068 ug/L #	1
16) Methylene chloride	3.08	84	3997	0.192 ug/L	87
25) Chloroform	5.14	83	37622	1.030 ug/L	100
35) Methylcyclohexane	6.74	83	25457	0.817 ug/L #	18
37) 1,2-Dichloropropane	6.74	63	11052	0.525 ug/L #	87
38) Bromodichloromethane	7.15	83	2183	0.086 ug/L	99
39) cis-1,3-Dichloropropene	7.61	75	2795	0.093 ug/L #	43
48) 2-Hexanone	8.73	43	16606	1.930 ug/L #	89
59) 1,2,3-Trichloropropane	11.84	75	9804	0.704 ug/L	92

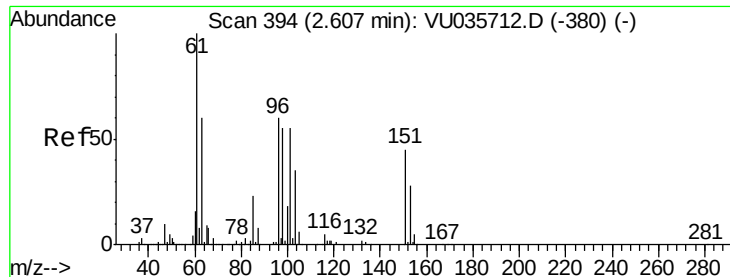
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.068 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU035727.D

Acq: 15 Nov 2019 15:28

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

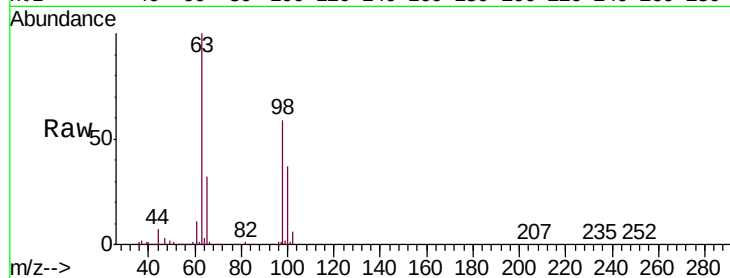
Tgt Ion: 96 Resp: 1195

Ion Ratio Lower Upper

96 100

61 1263.7 123.1 228.5#

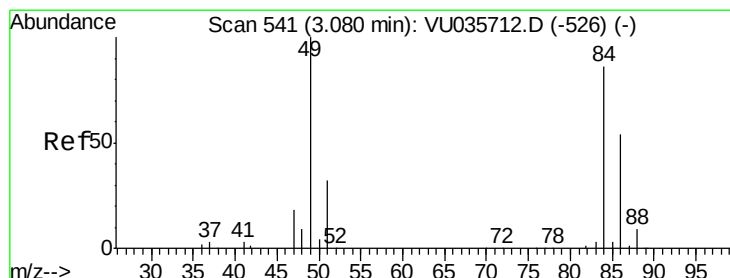
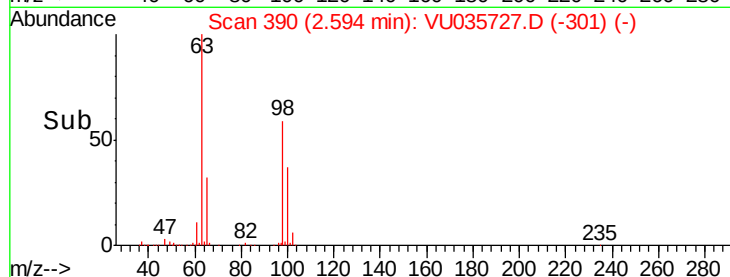
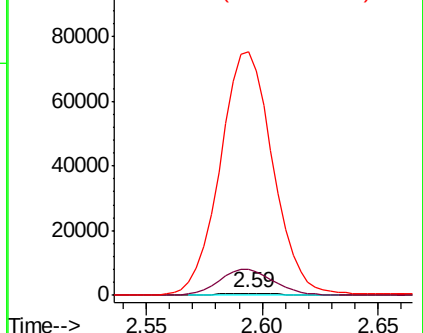
63 11923.9 87.8 163.0#



Abundance Ion 96.00 (95.70 to 96.70): VU035727.D (-301) (-)

Ion 61.05 (60.75 to 61.75): VU035727.D (-301) (-)

Ion 63.00 (62.70 to 63.70): VU035727.D (-301) (-)



#16

Methylene chloride

Concen: 0.192 ug/L

RT: 3.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: VU035727.D

Acq: 15 Nov 2019 15:28

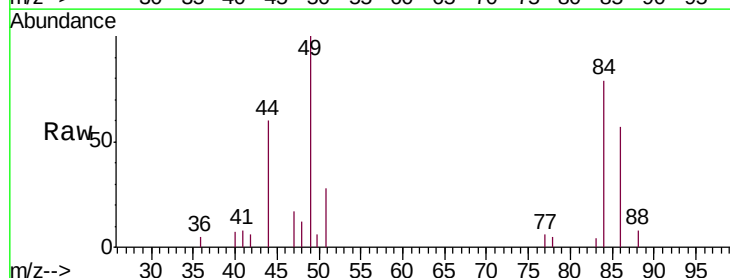
Tgt Ion: 84 Resp: 3997

Ion Ratio Lower Upper

84 100

86 71.7 45.8 85.2

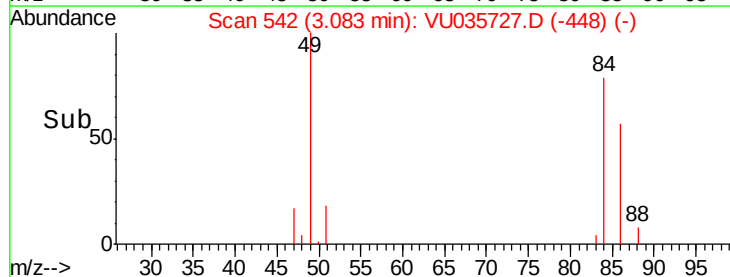
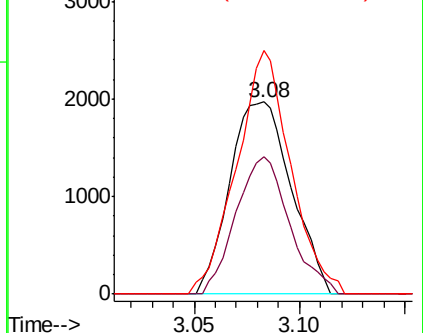
49 135.1 81.9 152.1

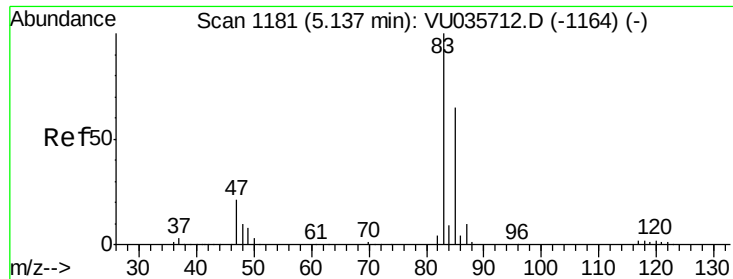


Abundance Ion 84.05 (83.75 to 84.75): VU035727.D (-448) (-)

Ion 86.00 (85.70 to 86.70): VU035727.D (-448) (-)

Ion 49.10 (48.80 to 49.80): VU035727.D (-448) (-)

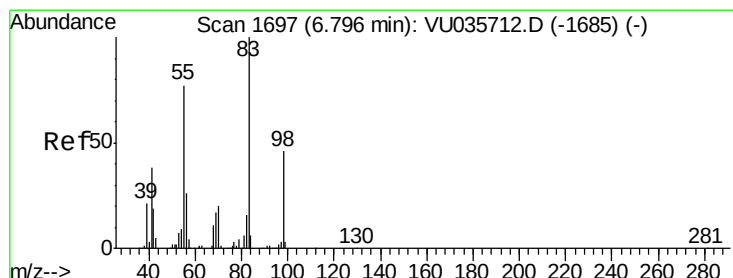
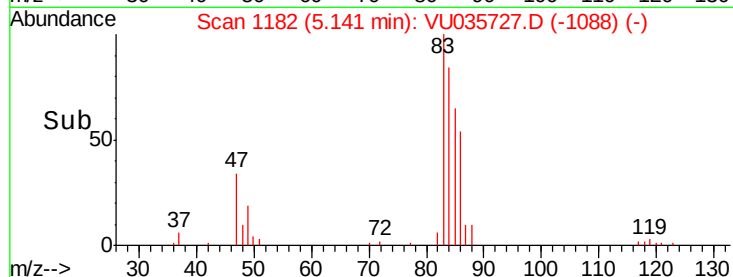
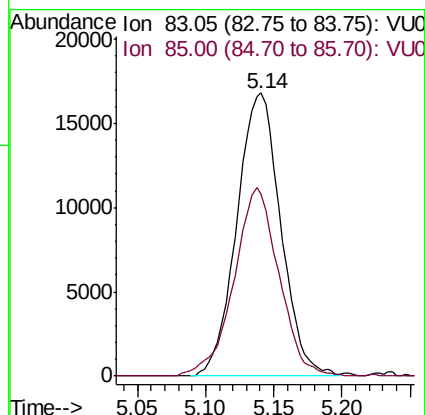
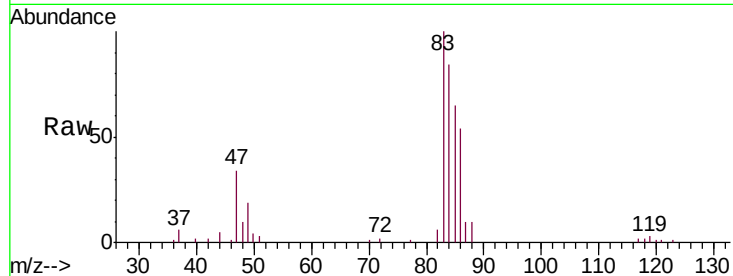




#25
Chloroform
Concen: 1.030 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035727.D
Acq: 15 Nov 2019 15:28

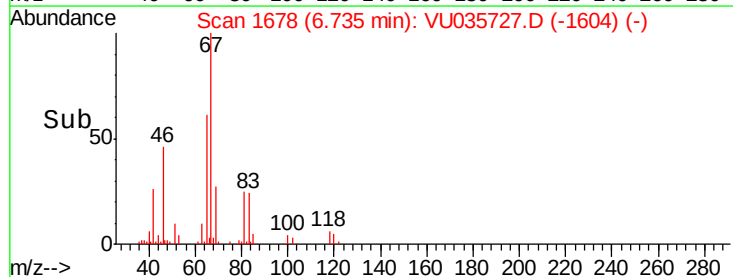
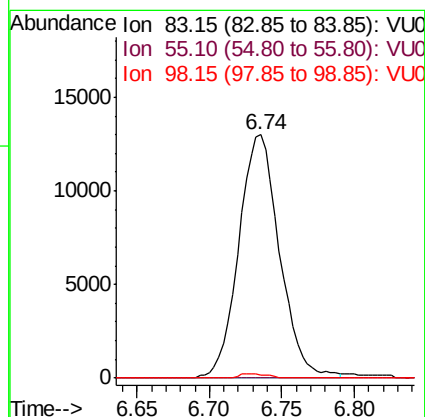
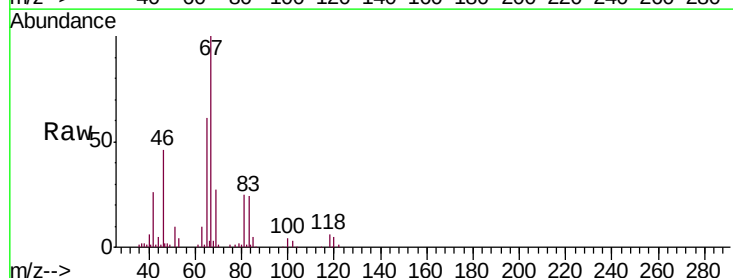
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

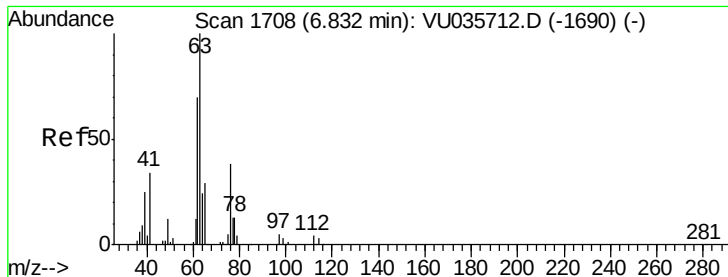
Tgt Ion: 83 Resp: 37622
Ion Ratio Lower Upper
83 100
85 64.6 45.4 84.2



#35
Methylcyclohexane
Concen: 0.817 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035727.D
Acq: 15 Nov 2019 15:28

Tgt Ion: 83 Resp: 25457
Ion Ratio Lower Upper
83 100
55 0.0 62.6 93.8#
98 1.2 37.2 55.8#

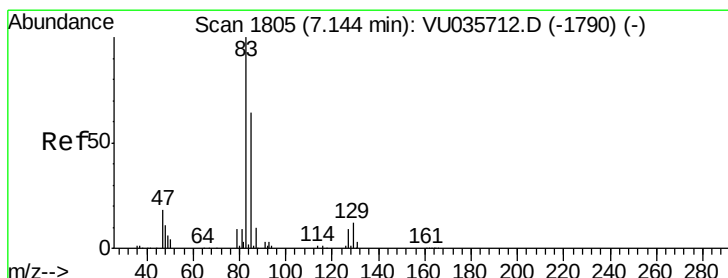
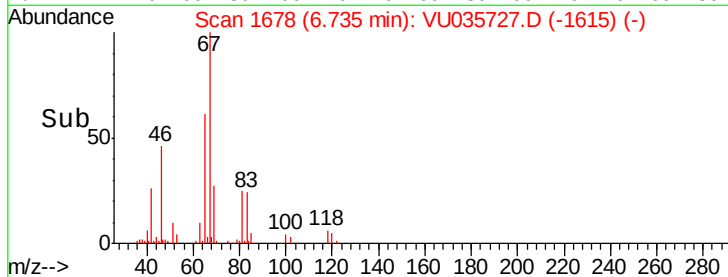
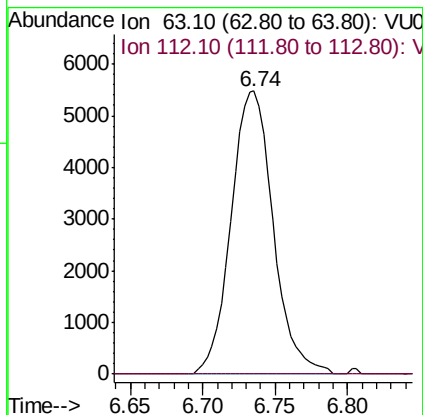
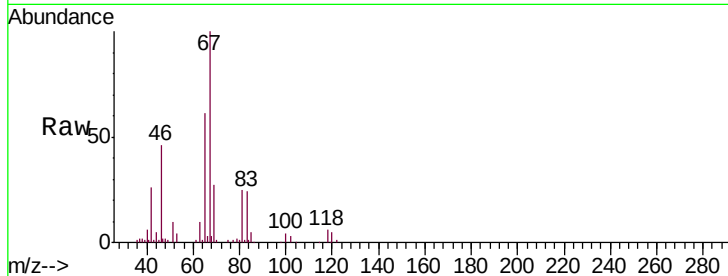




#37
 1,2-Dichloropropane
 Concen: 0.525 ug/L
 RT: 6.74 min Scan# 1678
 Delta R.T. -0.10 min
 Lab File: VU035727.D
 Acq: 15 Nov 2019 15:28

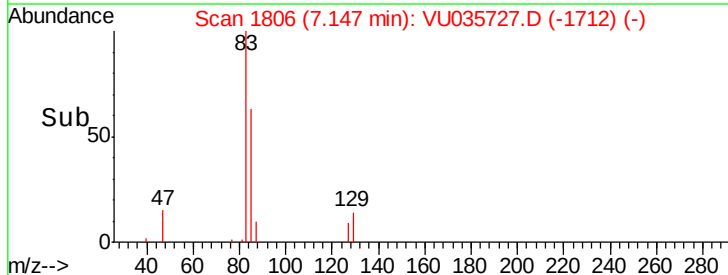
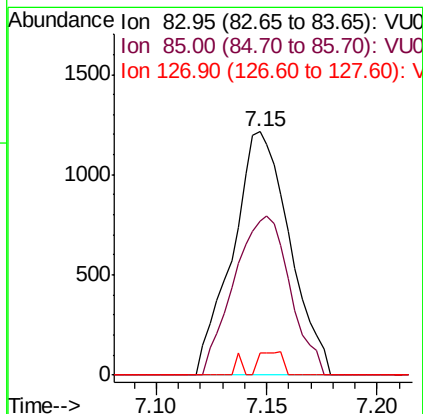
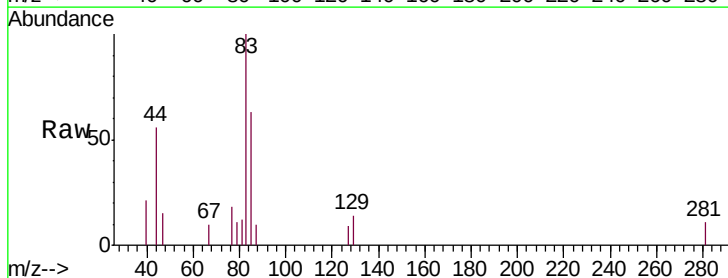
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

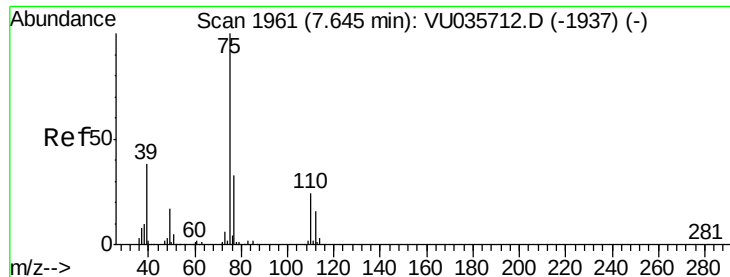
Tgt Ion: 63 Resp: 11052
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#38
 Bromodichloromethane
 Concen: 0.086 ug/L
 RT: 7.15 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: VU035727.D
 Acq: 15 Nov 2019 15:28

Tgt Ion: 83 Resp: 2183
 Ion Ratio Lower Upper
 83 100
 85 63.4 44.7 82.9
 127 9.3 7.1 10.7

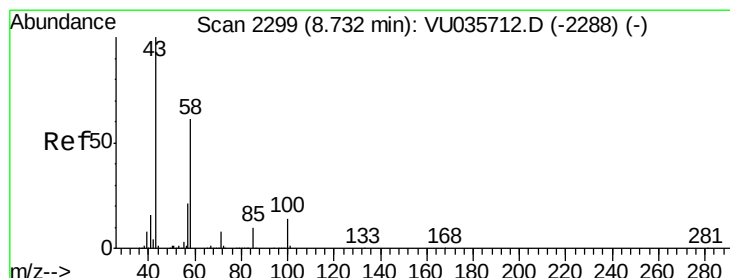
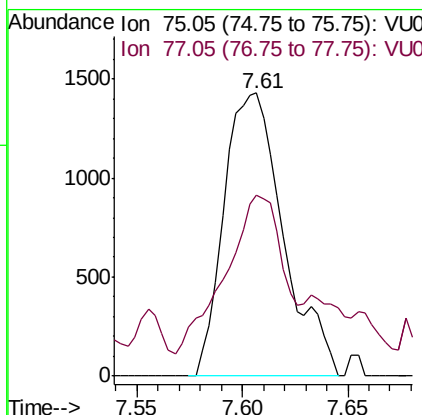
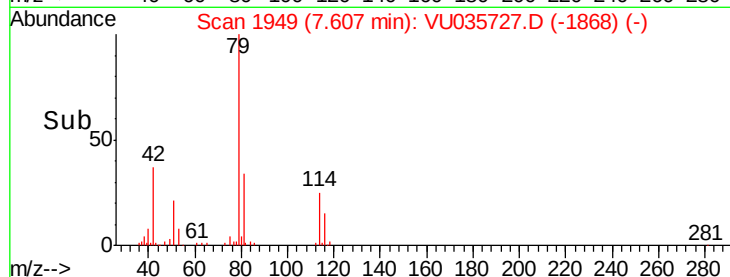
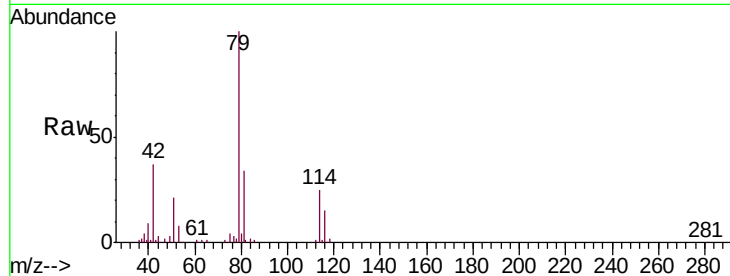




#39
 cis-1,3-Dichloropropene
 Concen: 0.093 ug/L
 RT: 7.61 min Scan# 1949
 Delta R.T. -0.04 min
 Lab File: VU035727.D
 Acq: 15 Nov 2019 15:28

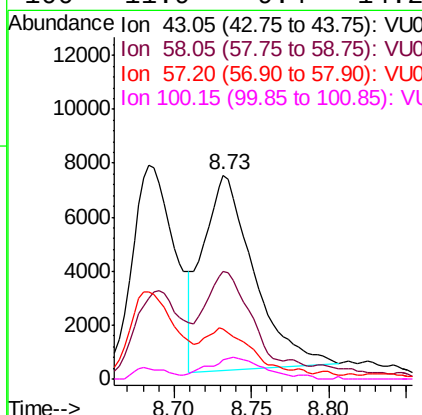
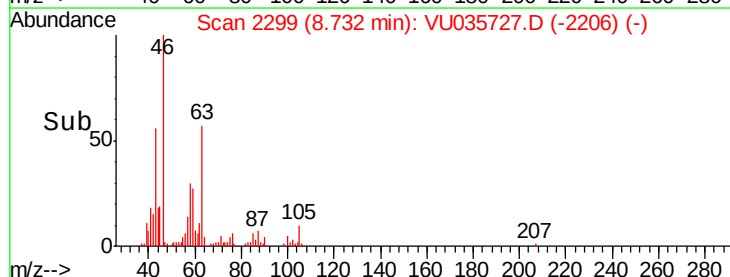
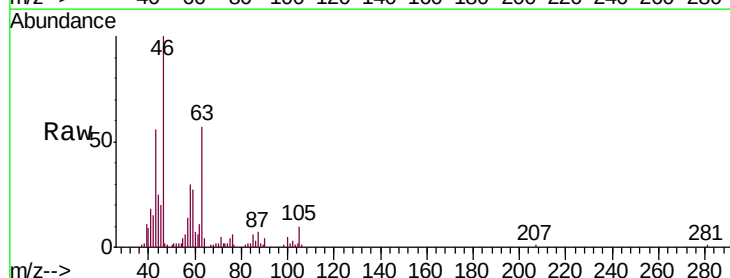
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

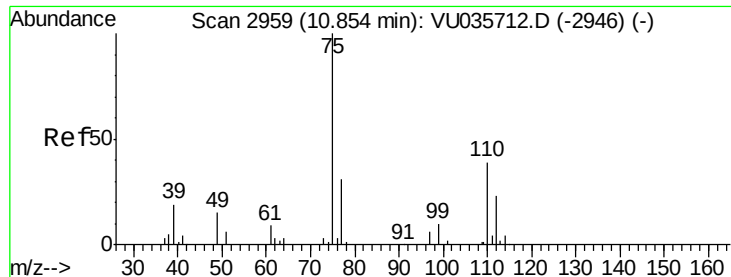
Tgt Ion: 75 Resp: 2795
 Ion Ratio Lower Upper
 75 100
 77 63.7 22.5 41.7#



#48
 2-Hexanone
 Concen: 1.930 ug/L
 RT: 8.73 min Scan# 2299
 Delta R.T. 0.00 min
 Lab File: VU035727.D
 Acq: 15 Nov 2019 15:28

Tgt Ion: 43 Resp: 16606
 Ion Ratio Lower Upper
 43 100
 58 45.2 44.1 66.1
 57 23.6 15.1 22.7#
 100 11.9 9.4 14.2





#59

1,2,3-Trichloropropane

Concen: 0.704 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035727.D

Acq: 15 Nov 2019 15:28

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 9804

Ion Ratio Lower Upper

75 100

77 37.9 26.8 40.2

