

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102819\
 Data File : VU035532.D
 Acq On : 28 Oct 2019 12:57
 Operator : JC/SP
 Sample : K5567-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 30 04:21:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 30 04:18:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	217329	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	236792	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	100415	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	123273	4.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.40%
7) Chloroethane-d5	1.93	69	105543	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.59	63	155544	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	4.71	46	317198	55.45	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.90%
24) Chloroform-d	5.11	84	202923	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.75	65	109902	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.77	84	400447	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.74	67	135805	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.93	98	330116	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	8.22	79	49257	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.69	63	233158	57.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.20%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	109173	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	110170	5.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.60%

Target Compounds

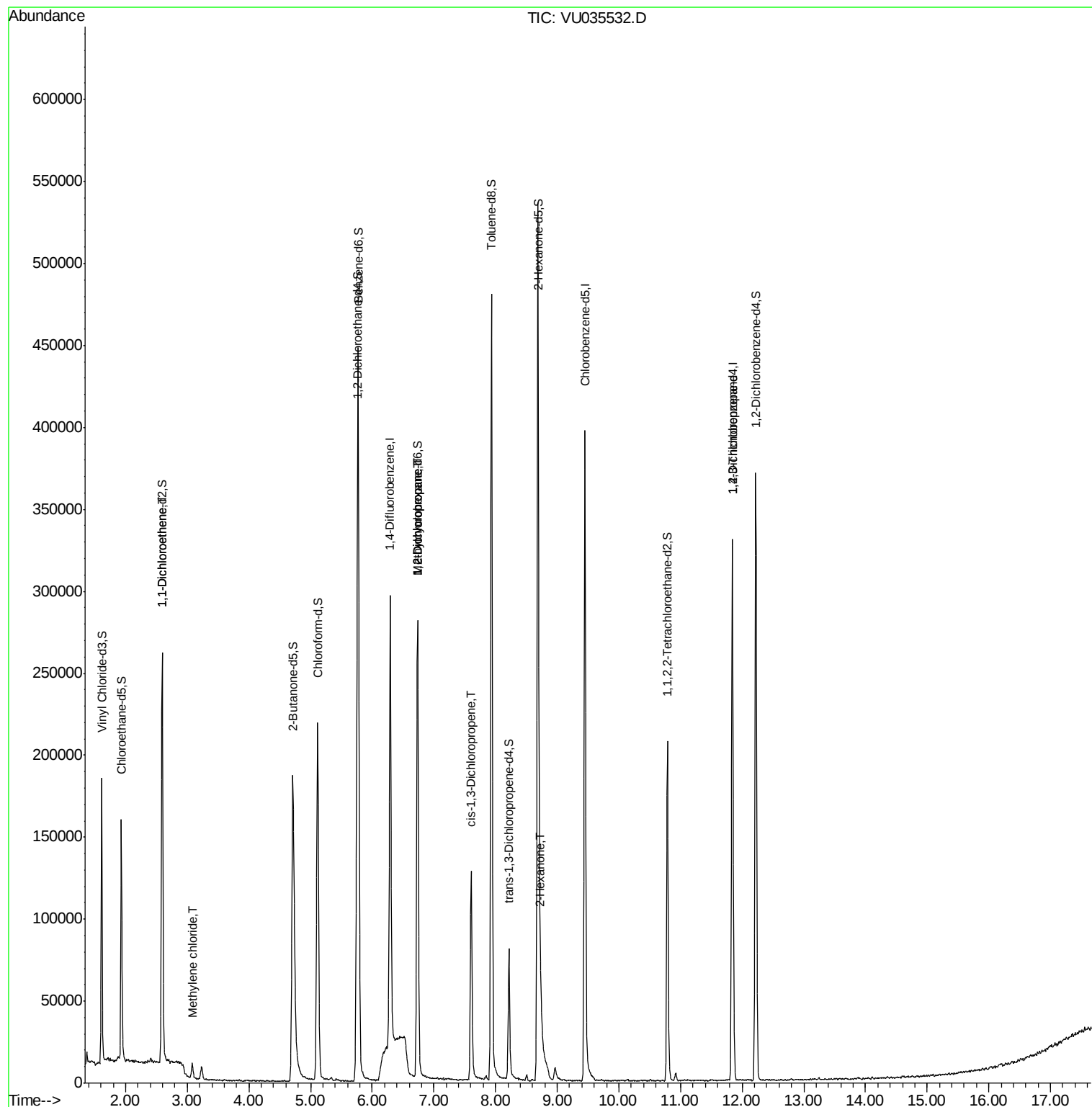
					Ovalue
12) 1,1-Dichloroethene	2.59	96	1259	0.061 ug/L #	1
16) Methylene chloride	3.08	84	4350	0.162 ug/L	96
35) Methylcyclohexane	6.74	83	30612	0.854 ug/L #	15
37) 1,2-Dichloropropane	6.74	63	14761	0.592 ug/L #	87
39) cis-1,3-Dichloropropene	7.61	75	3242	0.093 ug/L #	53
48) 2-Hexanone	8.74	43	13560	1.367 ug/L #	90
59) 1,2,3-Trichloropropane	11.84	75	12587	0.788 ug/L	99

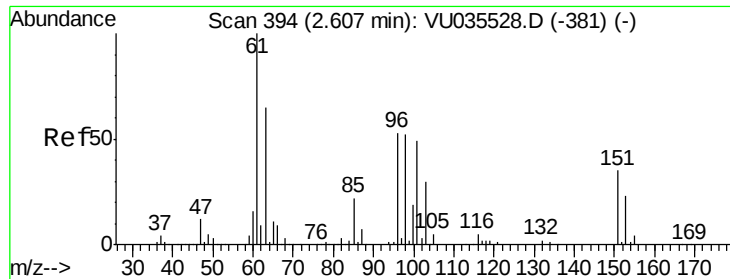
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.061 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.02 min

Lab File: VU035532.D

Acq: 28 Oct 2019 12:57

Instrument :

MSVOA_U

ClientSampleId :

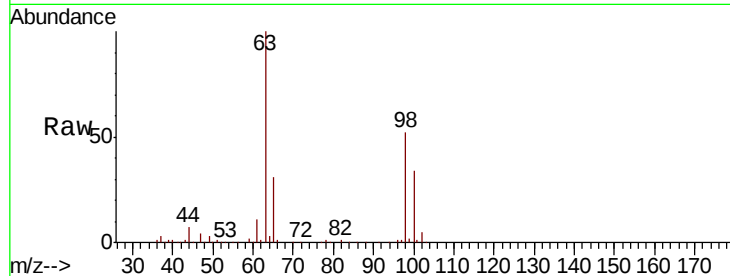
Tot Ion: 96 Resp: 1259

Ion Ratio Lower Upper

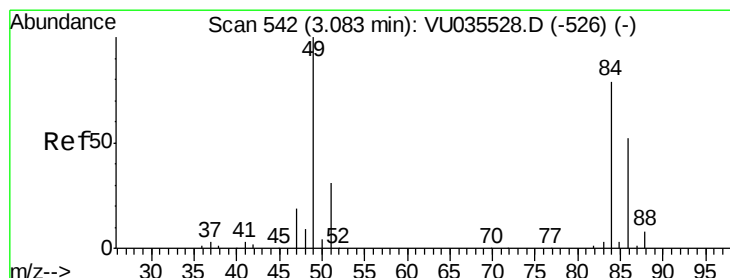
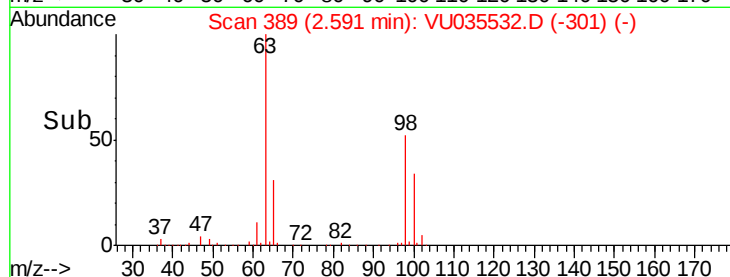
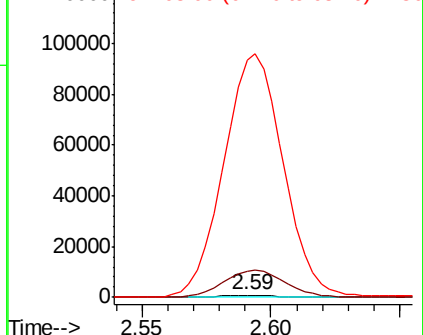
96 100

61 1478.4 131.9 244.9#

63 13366.9 97.0 180.2#



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 63.00 (62.70 to 63.70): VU0



#16

Methylene chloride

Concen: 0.162 ug/L

RT: 3.08 min Scan# 542

Delta R.T. -0.00 min

Lab File: VU035532.D

Acq: 28 Oct 2019 12:57

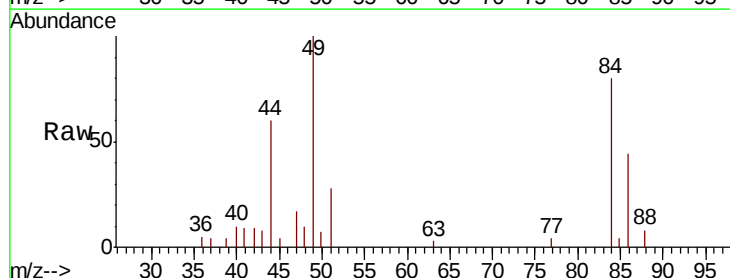
Tgt Ion: 84 Resp: 4350

Ion Ratio Lower Upper

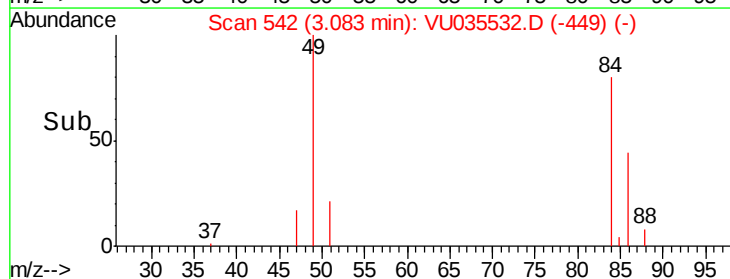
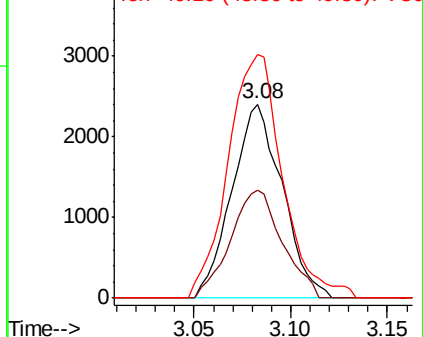
84 100

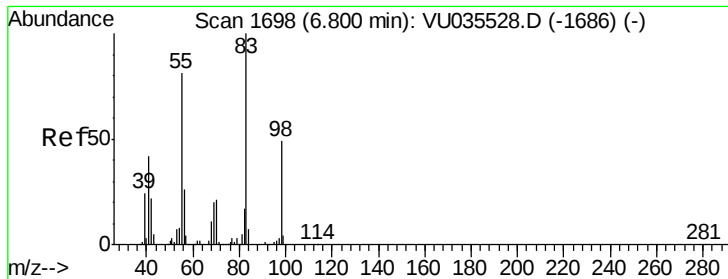
86 55.8 43.7 81.1

49 125.7 89.5 166.3



Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

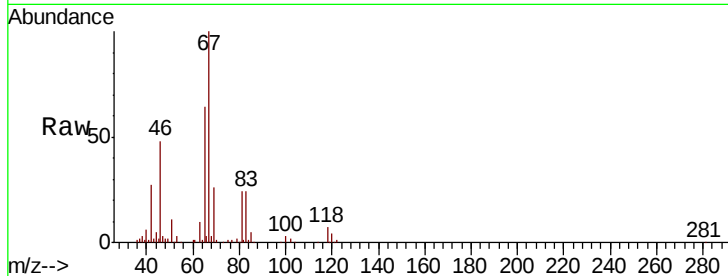




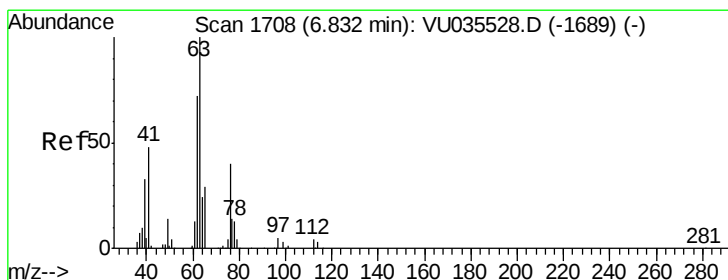
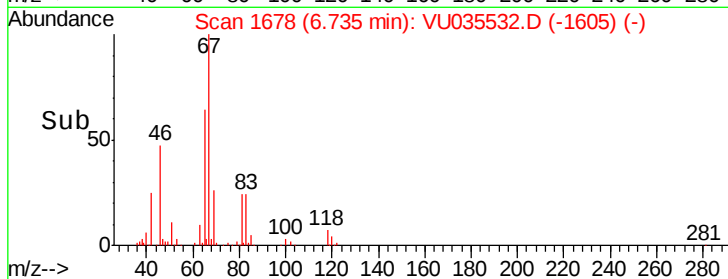
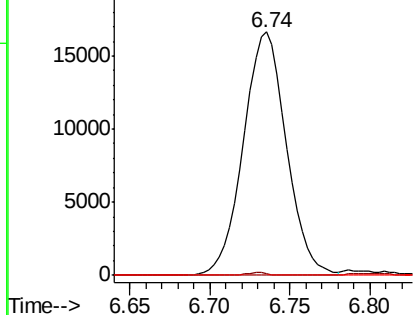
#35
Methylcyclohexane
Concen: 0.854 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035532.D
Acq: 28 Oct 2019 12:57

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 30612
Ion Ratio Lower Upper
83 100
55 0.5 67.3 100.9#
98 0.2 39.0 58.6#

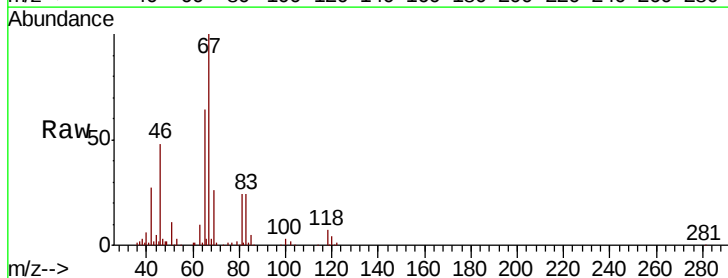


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

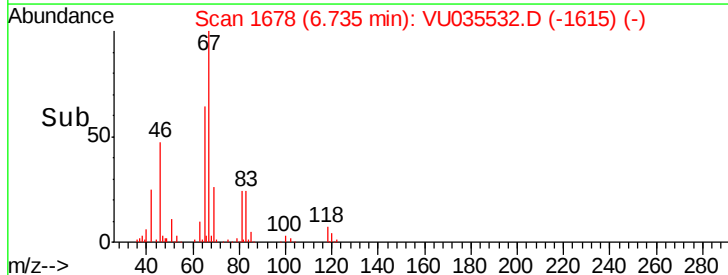
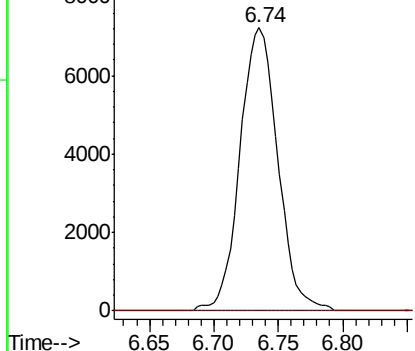


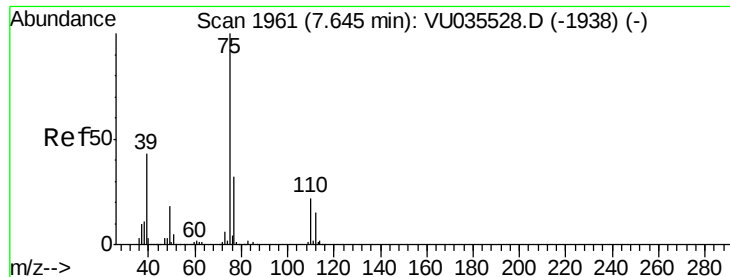
#37
1,2-Dichloropropane
Concen: 0.592 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035532.D
Acq: 28 Oct 2019 12:57

Tgt Ion: 63 Resp: 14761
Ion Ratio Lower Upper
63 100
112 0.3 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

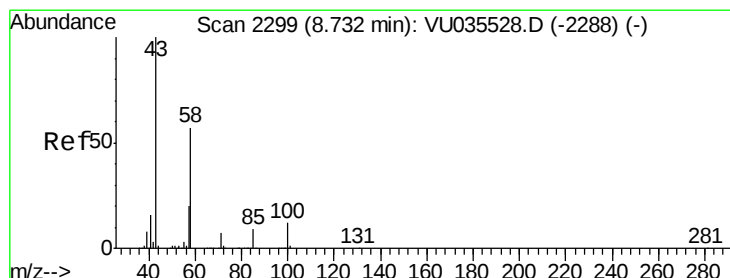
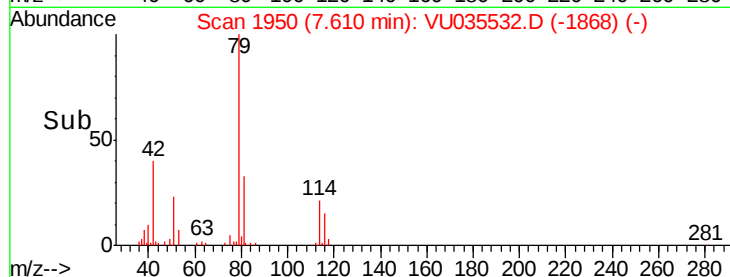
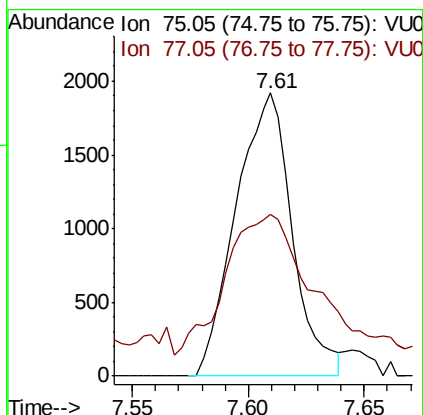
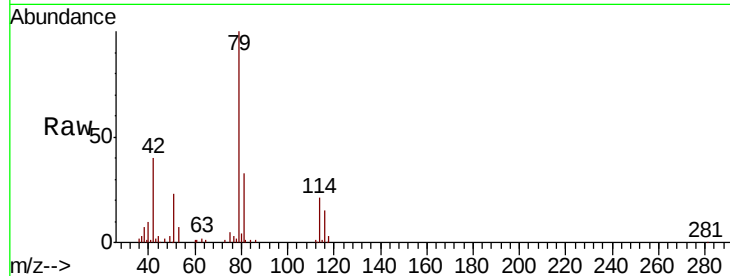




#39
 cis-1,3-Dichloropropene
 Concen: 0.093 ug/L
 RT: 7.61 min Scan# 1950
 Delta R.T. -0.04 min
 Lab File: VU035532.D
 Acq: 28 Oct 2019 12:57

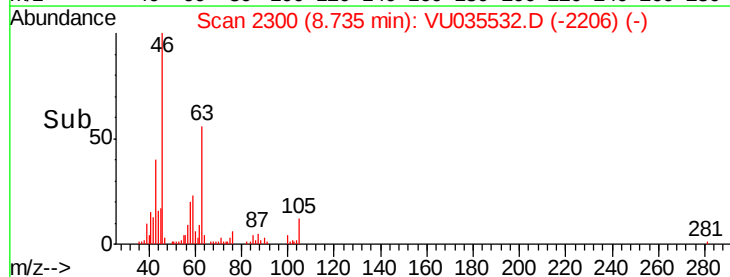
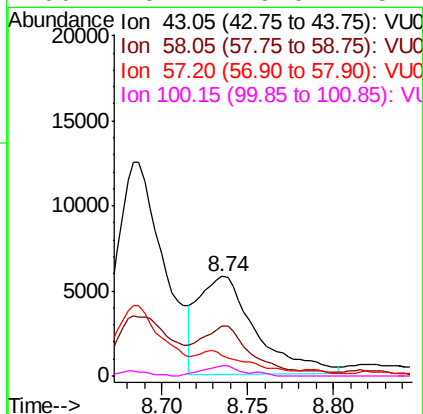
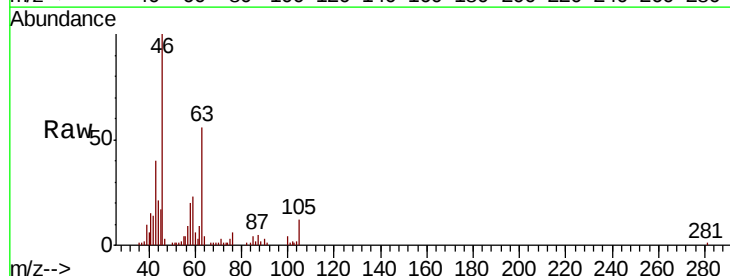
Instrument :
 MSVOA_U
 ClientSampleId :

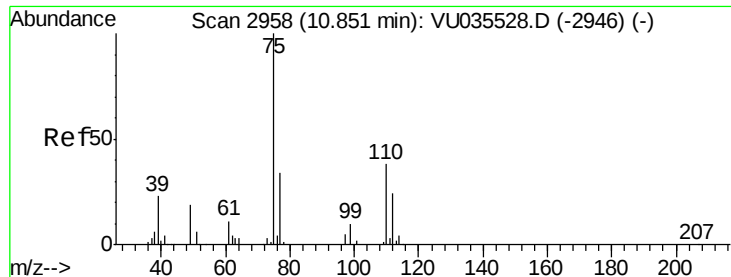
Tot Ion: 75 Resp: 3242
 Ion Ratio Lower Upper
 75 100
 77 57.1 22.0 40.8#



#48
 2-Hexanone
 Concen: 1.367 ug/L
 RT: 8.74 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: VU035532.D
 Acq: 28 Oct 2019 12:57

Tgt Ion: 43 Resp: 13560
 Ion Ratio Lower Upper
 43 100
 58 46.8 43.1 64.7
 57 21.8 14.2 21.2#
 100 6.4 9.0 13.4#





#59

1,2,3-Trichloropropane

Concen: 0.788 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.99 min

Lab File: VU035532.D

Acq: 28 Oct 2019 12:57

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 12587

Ion Ratio Lower Upper

75 100

77 34.5 27.4 41.0

