

Data File : VU035341.D
Acq On : 21 Oct 2019 23:49
Operator : JC/SP
Sample : K5421-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AC4

Quant Time: Oct 22 06:44:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 22 06:40:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	297242	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	289347	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	102236	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	78547	4.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.60%
7) Chloroethane-d5	1.93	69	77112	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.60	63	113920	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	4.70	46	248156	47.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.28%
24) Chloroform-d	5.11	84	162007	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.75	65	90136	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.77	84	319896	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.74	67	106254	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.93	98	283428	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	8.22	79	39751	3.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.00%
46) 2-Hexanone-d5	8.69	63	188661	41.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.92%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	90393	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	92600	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

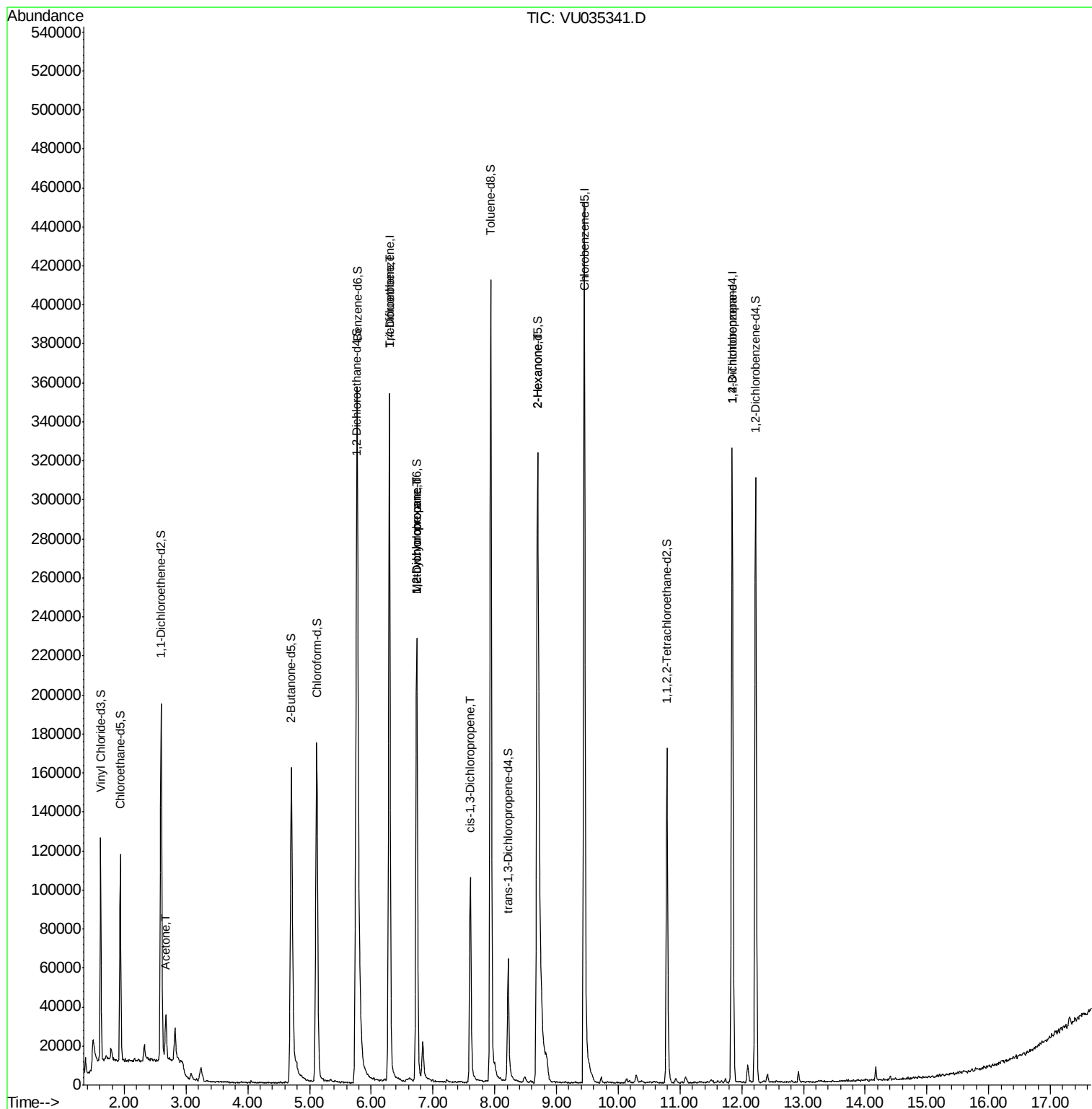
					Qvalue
13) Acetone	2.67	43	25282	6.978 ug/L	90
34) Trichloroethene	6.29	95	4955	0.216 ug/L #	3
35) Methylcyclohexane	6.74	83	25345	0.663 ug/L #	19
37) 1,2-Dichloropropane	6.74	63	12031	0.557 ug/L #	86
39) cis-1,3-Dichloropropene	7.61	75	2810	0.078 ug/L #	19
48) 2-Hexanone	8.69	43	19049	1.862 ug/L #	58
59) 1,2,3-Trichloropropane	11.84	75	12634	0.839 ug/L	90

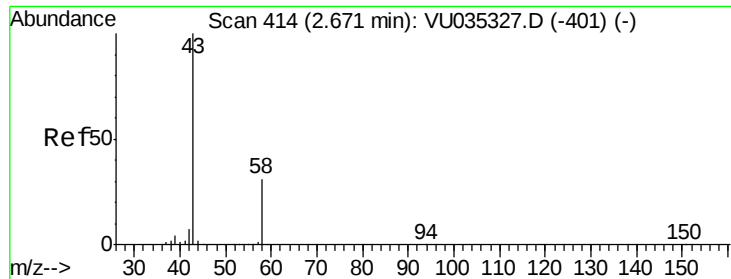
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.978 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.00 min

Lab File: VU035341.D

Acq: 21 Oct 2019 23:49

Instrument :

MSVOA_U

ClientSampleId :

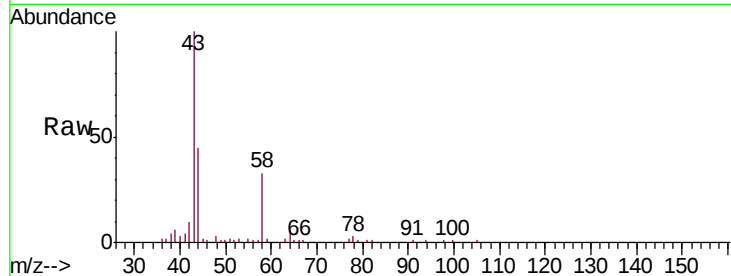
C0AC4

Tgt Ion: 43 Resp: 25282

Ion Ratio Lower Upper

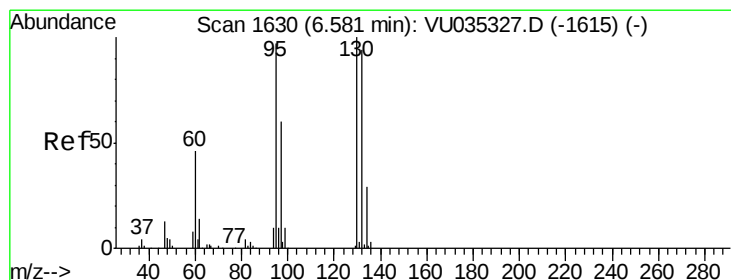
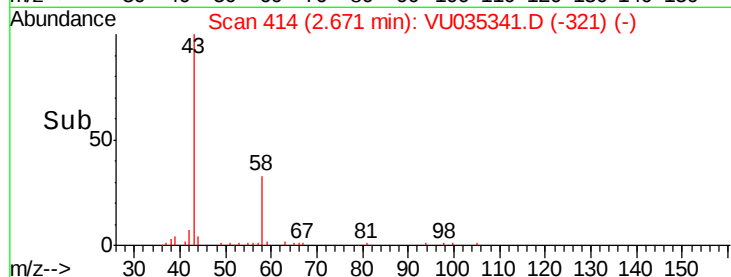
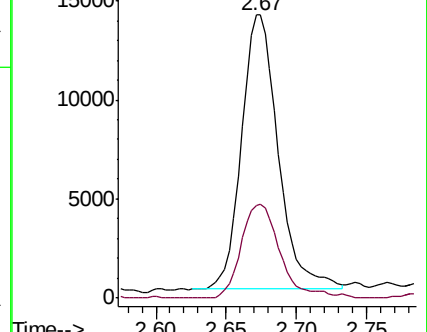
43 100

58 36.4 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU035327.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU035327.D (-401) (-)



#34

Trichloroethene

Concen: 0.216 ug/L

RT: 6.29 min Scan# 1540

Delta R.T. -0.29 min

Lab File: VU035341.D

Acq: 21 Oct 2019 23:49

Tgt Ion: 95 Resp: 4955

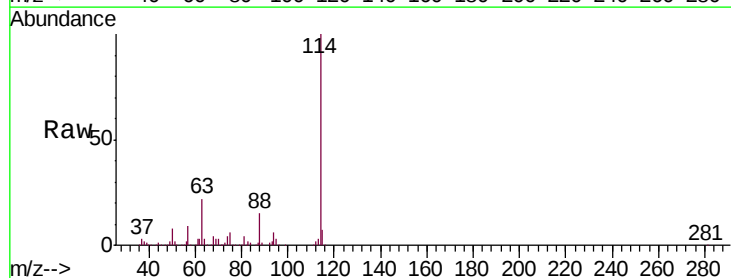
Ion Ratio Lower Upper

95 100

97 0.0 46.6 86.6#

132 0.0 68.7 127.7#

130 0.0 73.9 137.3#

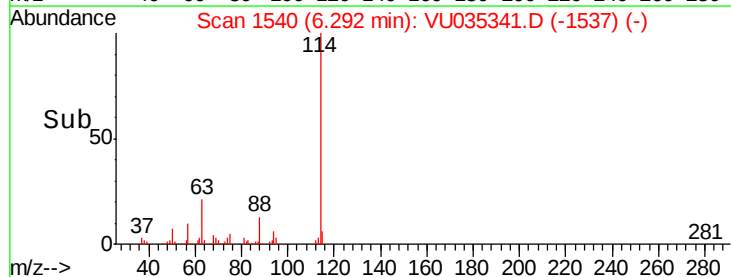
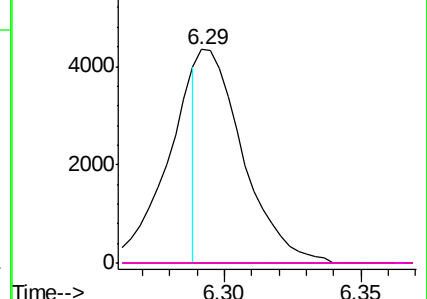


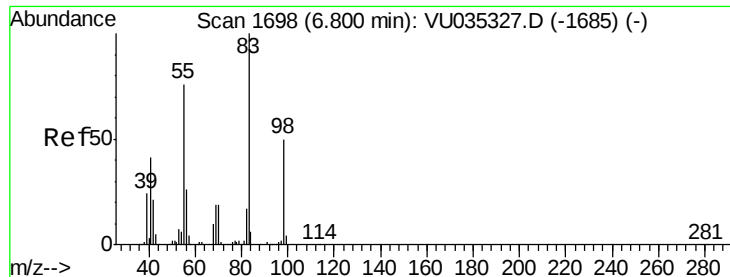
Abundance Ion 95.00 (94.70 to 95.70): VU035327.D (-1615) (-)

Ion 96.95 (96.65 to 97.65): VU035327.D (-1615) (-)

Ion 131.95 (131.65 to 132.65): VU035327.D (-1615) (-)

Ion 129.95 (129.65 to 130.65): VU035327.D (-1615) (-)

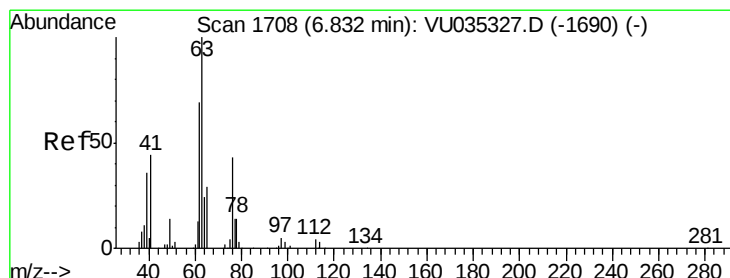
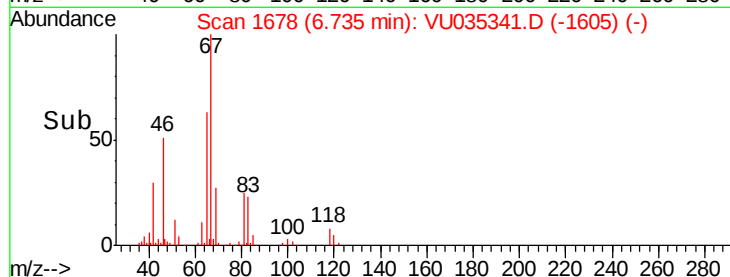
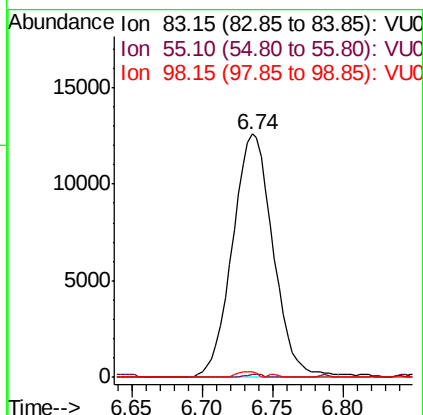
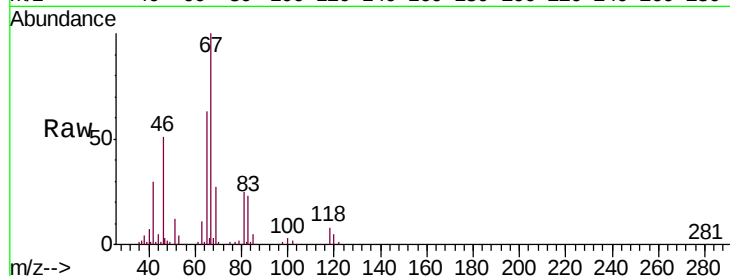




#35
Methylcyclohexane
Concen: 0.663 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
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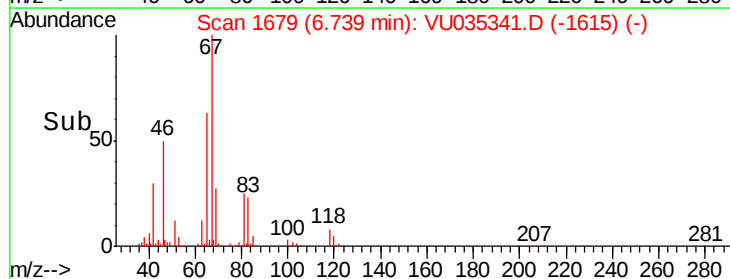
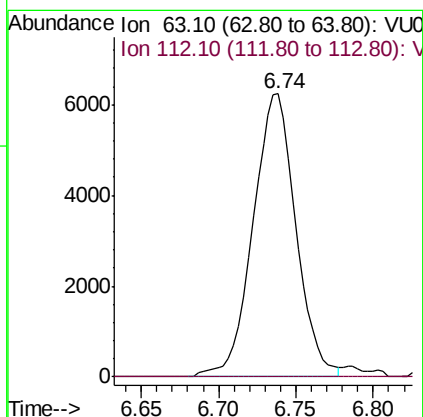
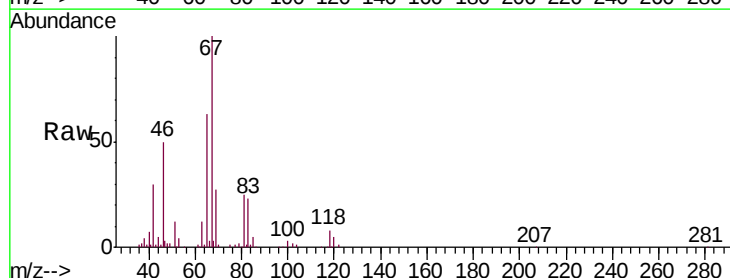
Instrument :
MSVOA_U
ClientSampleId :
C0AC4

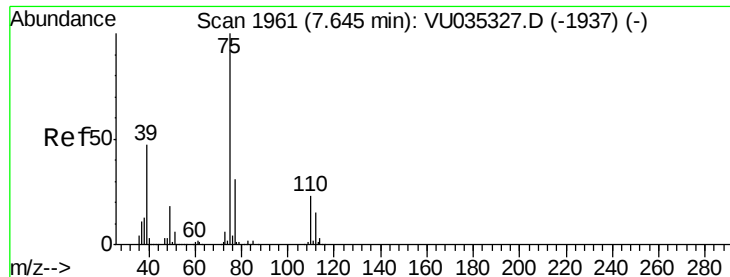
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.5	60.4	90.6#
98	1.1	39.5	59.3#



#37
1,2-Dichloropropane
Concen: 0.557 ug/L
RT: 6.74 min Scan# 1679
Delta R.T. -0.09 min
Lab File: VU035341.D
Acq: 21 Oct 2019 23:49

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#

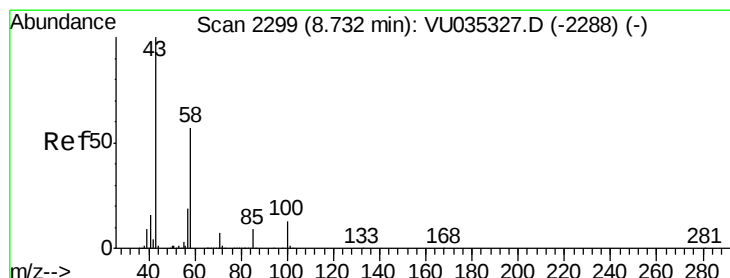
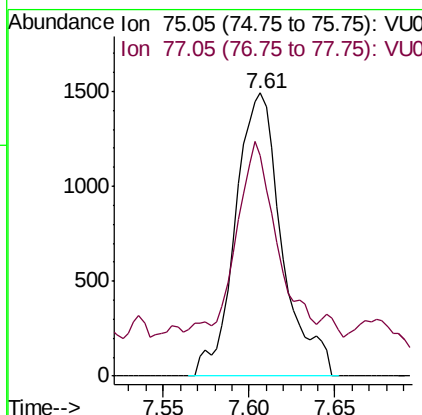
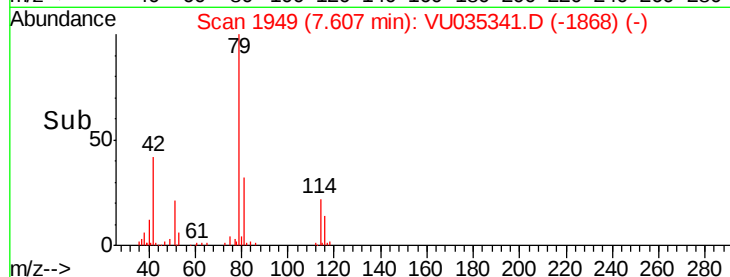
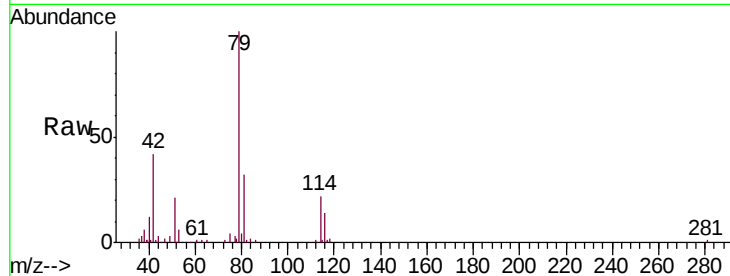




#39
 cis-1,3-Dichloropropene
 Concen: 0.078 ug/L
 RT: 7.61 min Scan# 1949
 Delta R.T. -0.04 min
 Lab File: VU035341.D
 Acq: 21 Oct 2019 23:49

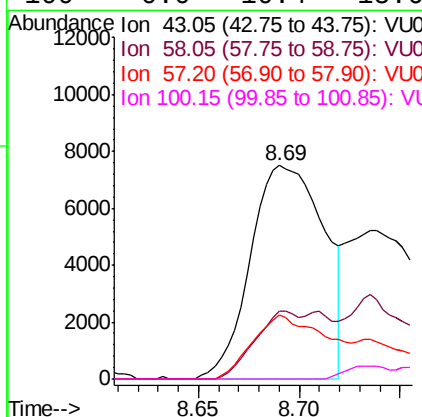
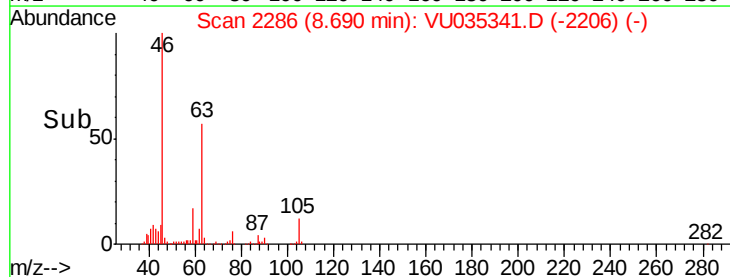
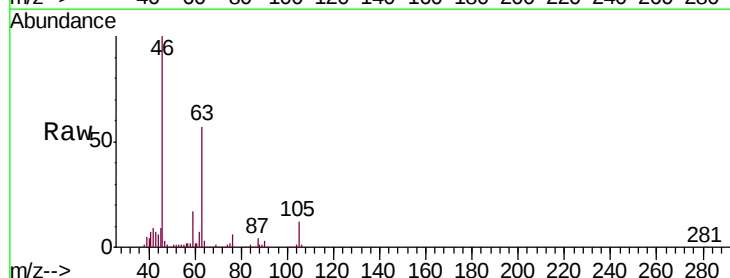
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AC4

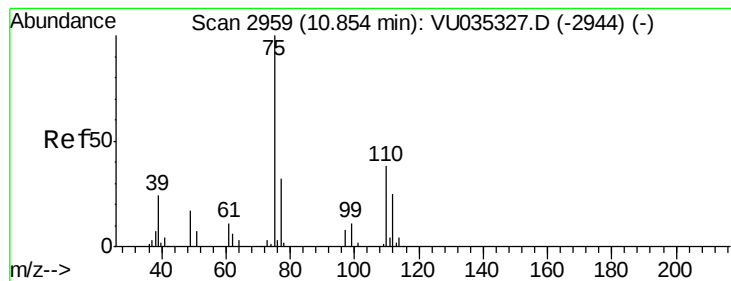
Tgt Ion: 75 Resp: 2810
 Ion Ratio Lower Upper
 75 100
 77 77.9 22.7 42.1#



#48
 2-Hexanone
 Concen: 1.862 ug/L
 RT: 8.69 min Scan# 2286
 Delta R.T. -0.04 min
 Lab File: VU035341.D
 Acq: 21 Oct 2019 23:49

Tgt Ion: 43 Resp: 19049
 Ion Ratio Lower Upper
 43 100
 58 19.0 45.1 67.7#
 57 30.6 16.0 24.0#
 100 0.0 10.4 15.6#





#59

1,2,3-Trichloropropane

Concen: 0.839 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.99 min

Lab File: VU035341.D

Acq: 21 Oct 2019 23:49

Instrument :

MSVOA_U

ClientSampleId :

C0AC4

Tgt Ion: 75 Resp: 12634

Ion Ratio Lower Upper

75 100

77 38.1 26.2 39.2

