

Data File : VU035726.D
Acq On : 15 Nov 2019 15:04
Operator : JC/SP
Sample : K5759-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2J21

Quant Time: Nov 16 01:41:35 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	209029	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	239188	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	90130	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	82050	3.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.20%
7) Chloroethane-d5	1.93	69	78777	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.60%
11) 1,1-Dichloroethene-d2	2.59	63	107910	2.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.60%#
20) 2-Butanone-d5	4.70	46	246681	51.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.86%
24) Chloroform-d	5.11	84	166414	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.75	65	88107	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.77	84	310808	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.60%
36) 1,2-Dichloropropane-d6	6.74	67	109576	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.93	98	244536	3.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.60%#
43) trans-1,3-Dichloropropene-	8.21	79	37516	3.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.20%
46) 2-Hexanone-d5	8.69	63	159951	41.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.96%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	96140	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	86251	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

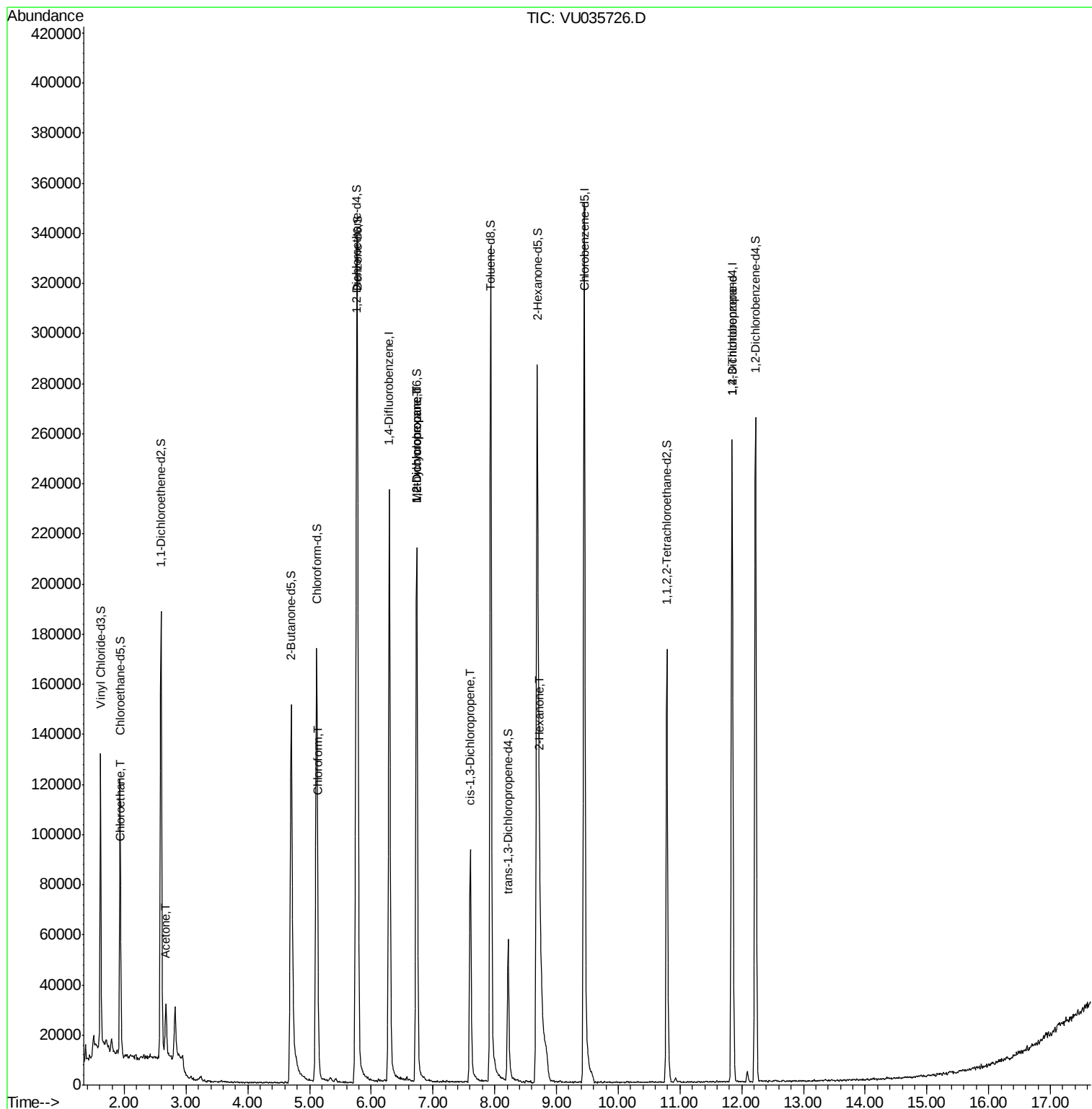
					Qvalue
8) Chloroethane	1.95	64	1434	0.094 ug/L #	82
13) Acetone	2.67	43	25188	7.354 ug/L	97
25) Chloroform	5.14	83	6867	0.180 ug/L	100
35) Methylcyclohexane	6.73	83	24235	0.738 ug/L #	19
37) 1,2-Dichloropropane	6.74	63	11155	0.503 ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	2251	0.071 ug/L #	37
48) 2-Hexanone	8.73	43	19122	2.110 ug/L #	78
59) 1,2,3-Trichloropropane	11.84	75	10148	0.692 ug/L	90

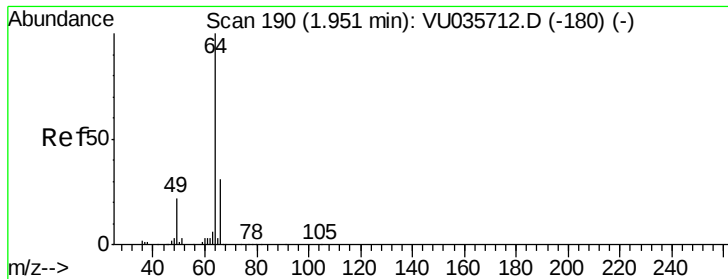
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.094 ug/L

RT: 1.95 min Scan# 190

Delta R.T. 0.00 min

Lab File: VU035726.D

Acq: 15 Nov 2019 15:04

Instrument :

MSVOA_U

ClientSampleId :

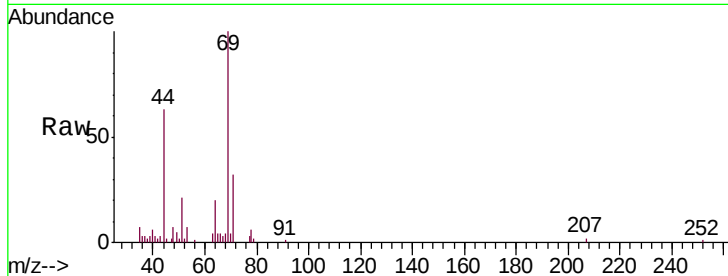
F2J21

Tgt Ion: 64 Resp: 1434

Ion Ratio Lower Upper

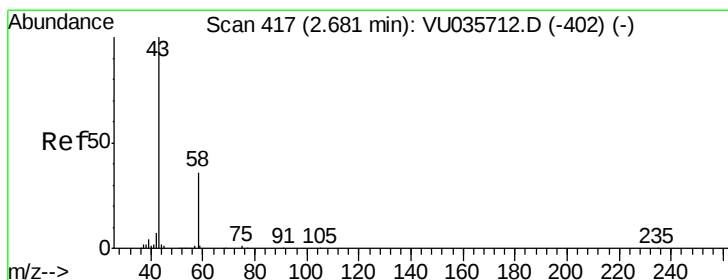
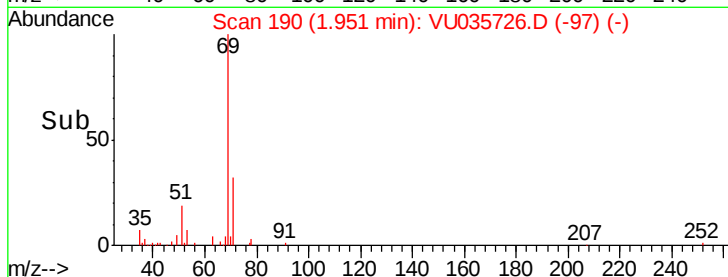
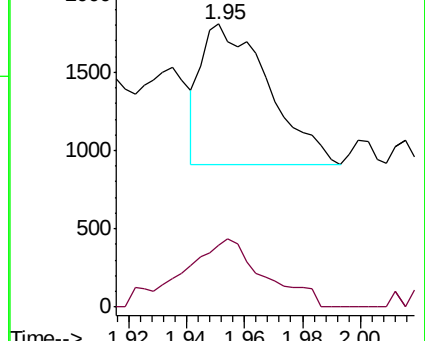
64 100

66 21.8 22.5 41.7#



Abundance Ion 64.10 (63.80 to 64.80): VU035712.D (-180) (-)

Ion 66.05 (65.75 to 66.75): VU035712.D (-180) (-)



#13

Acetone

Concen: 7.354 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.01 min

Lab File: VU035726.D

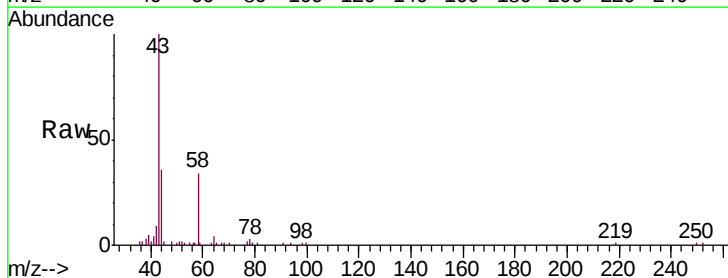
Acq: 15 Nov 2019 15:04

Tgt Ion: 43 Resp: 25188

Ion Ratio Lower Upper

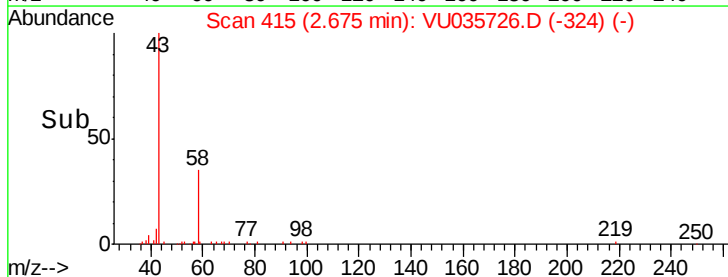
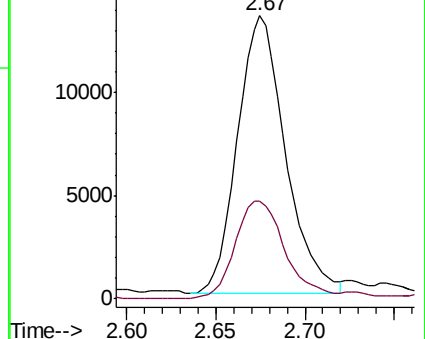
43 100

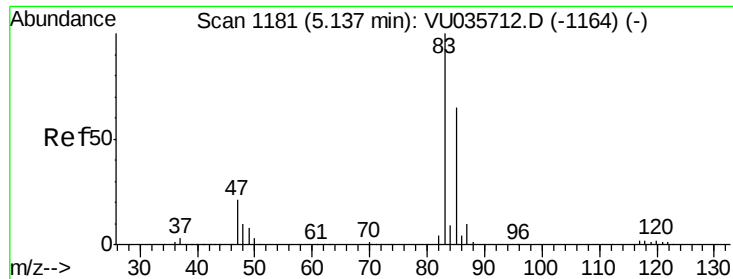
58 36.6 0.0 69.8



Abundance Ion 43.05 (42.75 to 43.75): VU035712.D (-402) (-)

Ion 58.05 (57.75 to 58.75): VU035712.D (-402) (-)

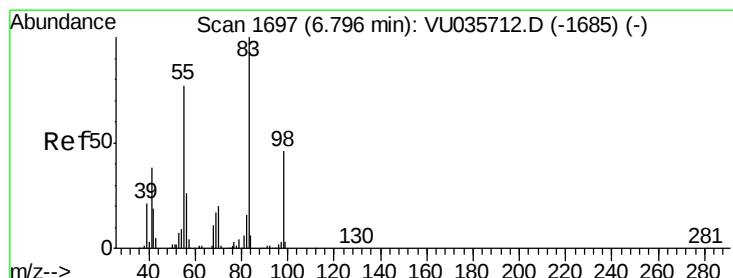
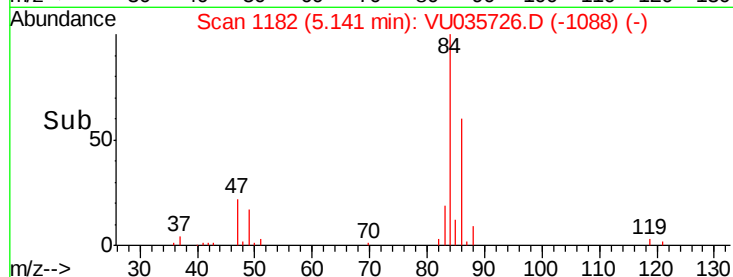
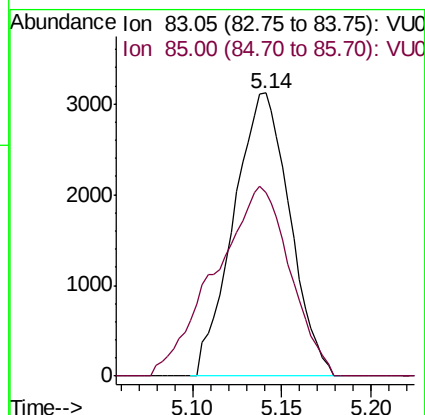
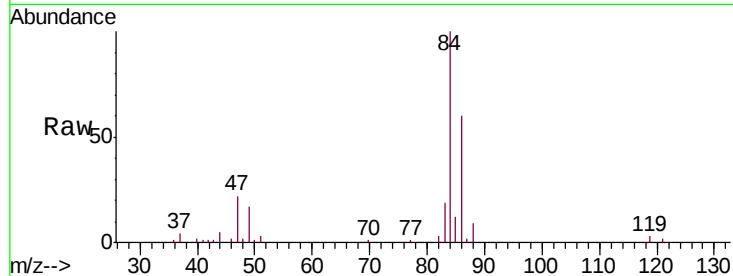




#25
Chloroform
Concen: 0.180 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035726.D
Acq: 15 Nov 2019 15:04

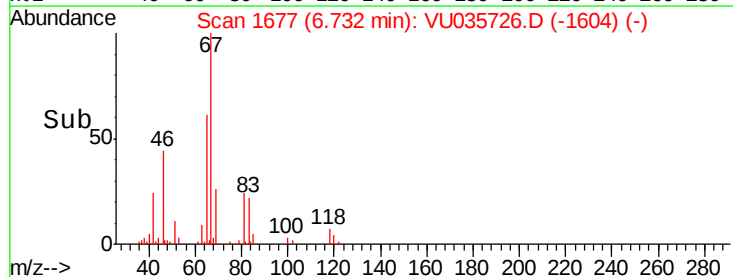
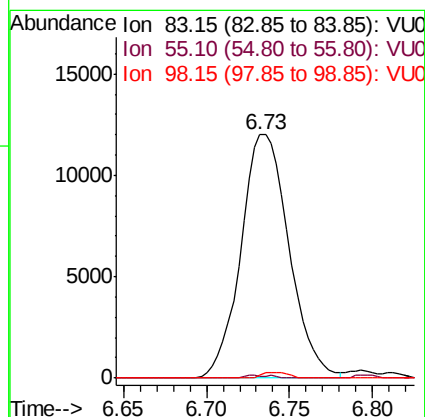
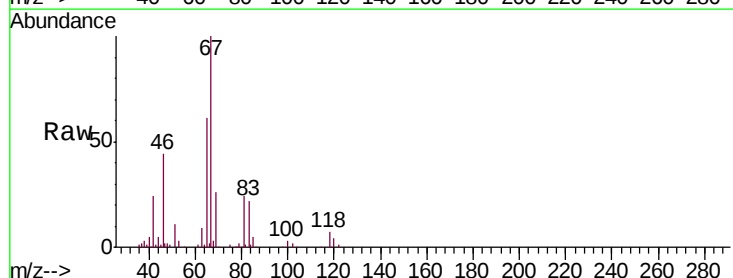
Instrument :
MSVOA_U
ClientSampleId :
F2J21

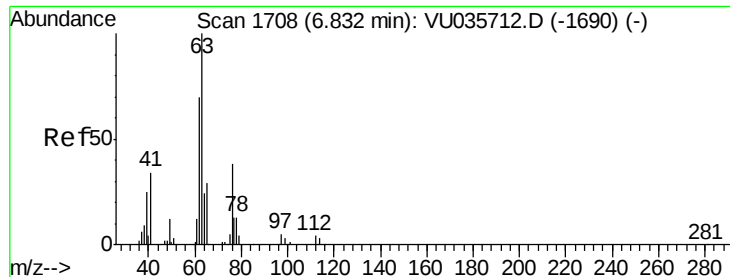
Tgt Ion: 83 Resp: 6867
Ion Ratio Lower Upper
83 100
85 65.0 45.4 84.2



#35
Methylcyclohexane
Concen: 0.738 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.06 min
Lab File: VU035726.D
Acq: 15 Nov 2019 15:04

Tgt Ion: 83 Resp: 24235
Ion Ratio Lower Upper
83 100
55 0.7 62.6 93.8#
98 1.3 37.2 55.8#

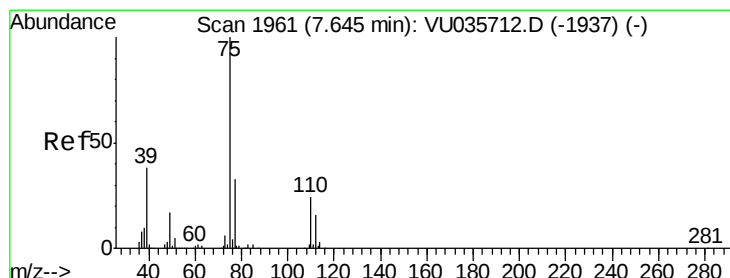
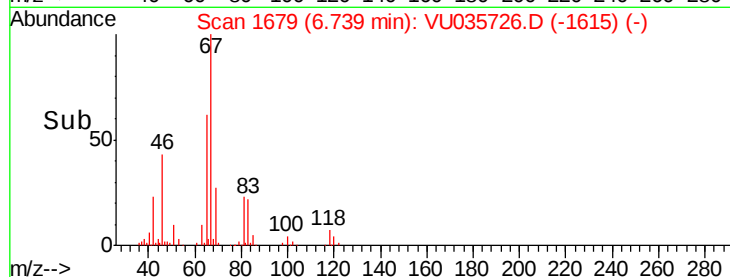
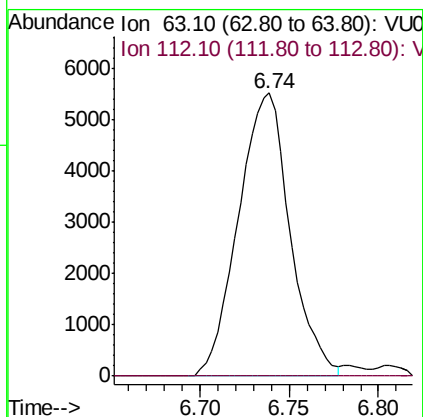
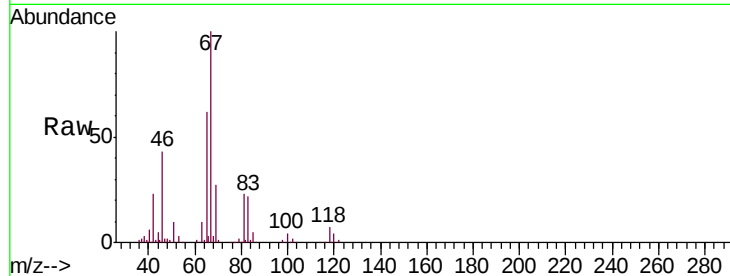




#37
 1,2-Dichloropropane
 Concen: 0.503 ug/L
 RT: 6.74 min Scan# 1679
 Delta R.T. -0.09 min
 Lab File: VU035726.D
 Acq: 15 Nov 2019 15:04

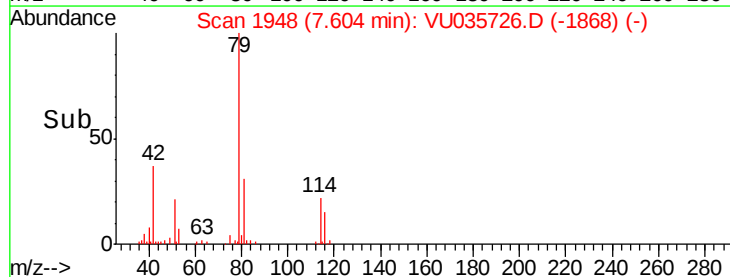
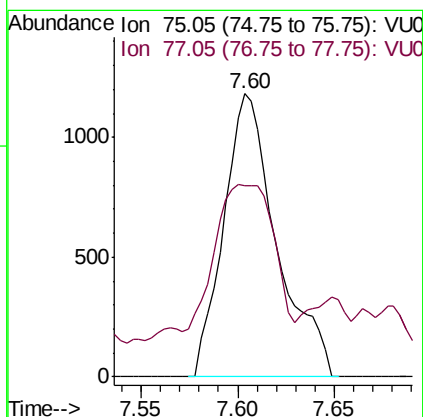
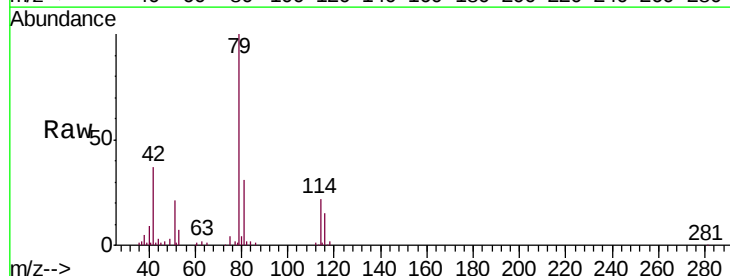
Instrument :
 MSVOA_U
 ClientSampled :
 F2J21

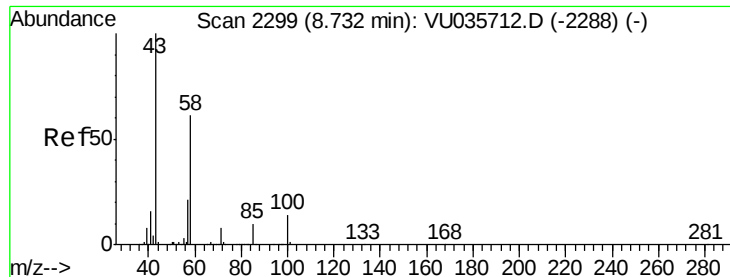
Tgt Ion: 63 Resp: 11155
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.071 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
 Lab File: VU035726.D
 Acq: 15 Nov 2019 15:04

Tgt Ion: 75 Resp: 2251
 Ion Ratio Lower Upper
 75 100
 77 67.5 22.5 41.7#

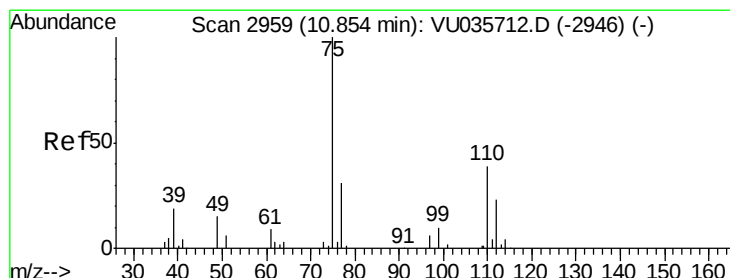
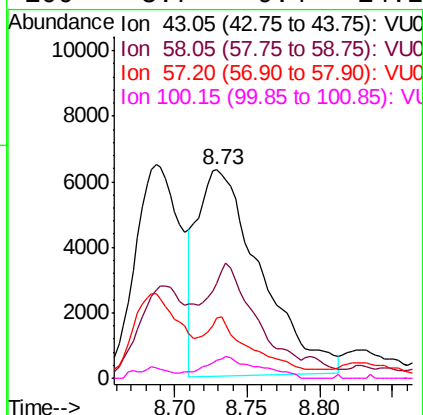
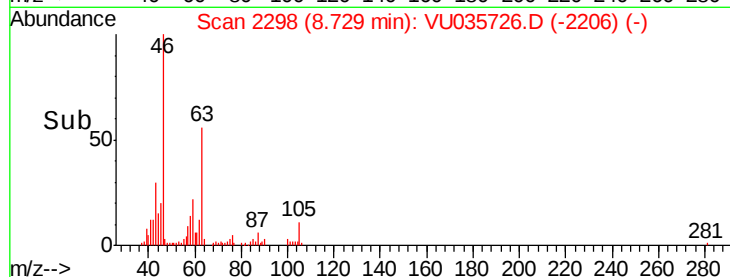
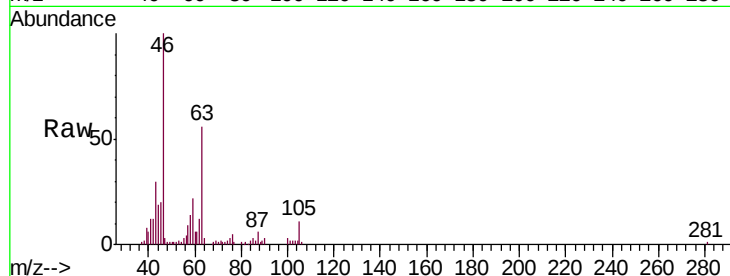




#48
 2-Hexanone
 Concen: 2.110 ug/L
 RT: 8.73 min Scan# 2298
 Delta R.T. -0.00 min
 Lab File: VU035726.D
 Acq: 15 Nov 2019 15:04

Instrument :
 MSVOA_U
 ClientSampleId :
 F2J21

Tgt Ion: 43 Resp: 19122
 Ion Ratio Lower Upper
 43 100
 58 33.7 44.1 66.1#
 57 23.0 15.1 22.7#
 100 8.7 9.4 14.2#



#59
 1,2,3-Trichloropropane
 Concen: 0.692 ug/L
 RT: 11.84 min Scan# 3266
 Delta R.T. 0.99 min
 Lab File: VU035726.D
 Acq: 15 Nov 2019 15:04

Tgt Ion: 75 Resp: 10148
 Ion Ratio Lower Upper
 75 100
 77 39.0 26.8 40.2

