

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112719\
 Data File : VU035897.D
 Acq On : 27 Nov 2019 15:21
 Operator : JC/SP
 Sample : K6057-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 28 05:01:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 28 04:57:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.30	114	234950	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	268203	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	74690	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	130713	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	1.93	69	124594	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.60	63	165356	2.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.00%#
20) 2-Butanone-d5	4.69	46	335844	47.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.56%
24) Chloroform-d	5.12	84	223679	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
26) 1,2-Dichloroethane-d4	5.75	65	127343	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
32) Benzene-d6	5.77	84	440202	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
36) 1,2-Dichloropropane-d6	6.74	67	150141	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.00%
41) Toluene-d8	7.93	98	339689	3.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.00%
43) trans-1,3-Dichloropropene-	8.21	79	49419	3.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.60%
46) 2-Hexanone-d5	8.69	63	259676	48.15	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.30%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	126663	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	81023	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

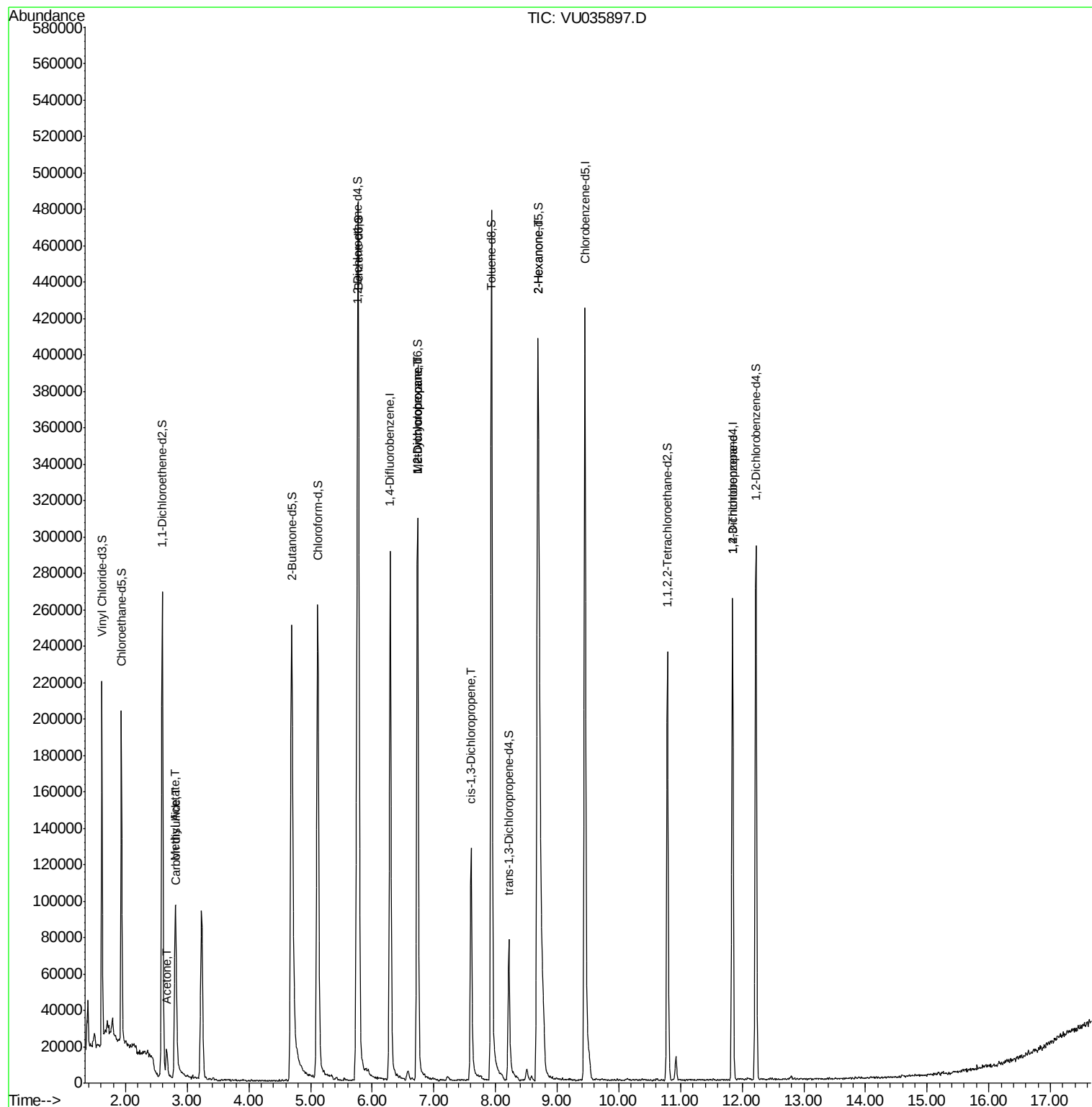
					Ovalue
13) Acetone	2.67	43	17009	2.727	ug/L 96
14) Carbon disulfide	2.83	76	32796	0.404	ug/L 99
15) Methyl Acetate	2.81	43	26215	2.096	ug/L # 53
35) Methylcyclohexane	6.73	83	33542	0.833	ug/L # 14
37) 1,2-Dichloropropane	6.74	63	16378	0.516	ug/L # 90
39) cis-1,3-Dichloropropene	7.61	75	3570	0.087	ug/L # 30
48) 2-Hexanone	8.69	43	44883	3.127	ug/L # 69
59) 1,2,3-Trichloropropane	11.84	75	9309	0.451	ug/L # 79

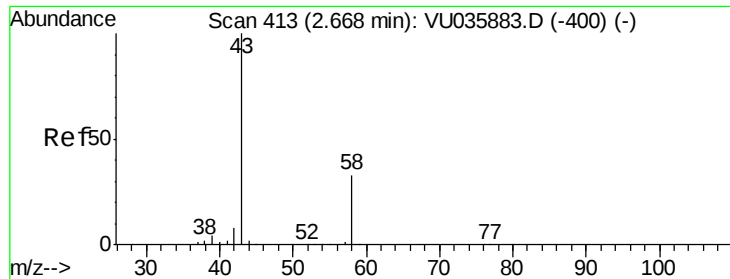
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.727 ug/L

RT: 2.67 min Scan# 413

Delta R.T. 0.00 min

Lab File: VU035897.D

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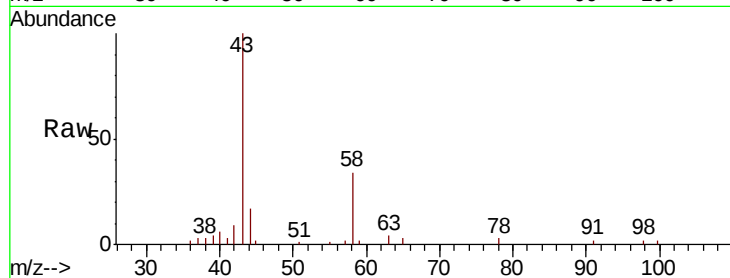
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 17009

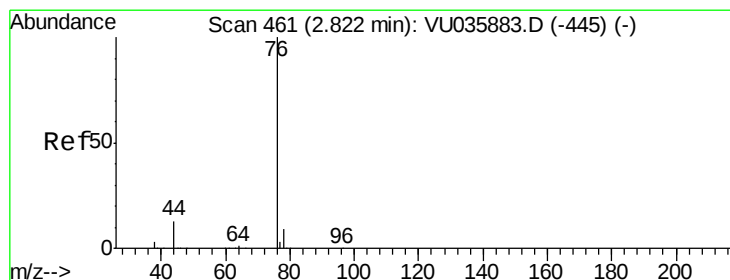
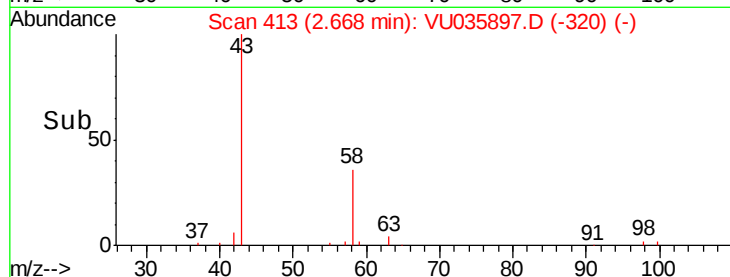
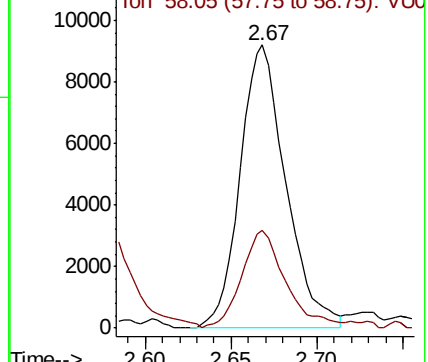
Ion Ratio Lower Upper

43 100

58 32.9 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU035883.D (-400) (-)



#14

Carbon disulfide

Concen: 0.404 ug/L

RT: 2.83 min Scan# 462

Delta R.T. 0.00 min

Lab File: VU035897.D

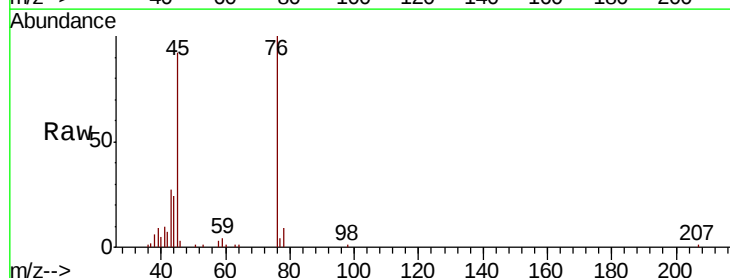
Acq: 27 Nov 2019 15:21

Tgt Ion: 76 Resp: 32796

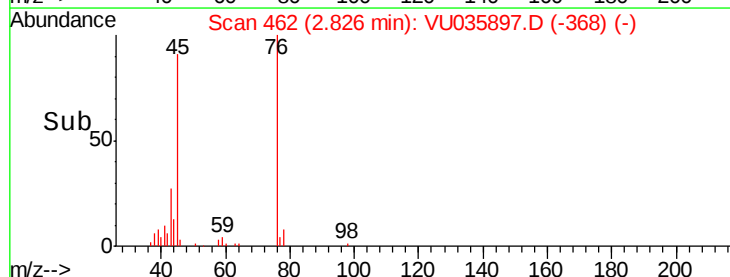
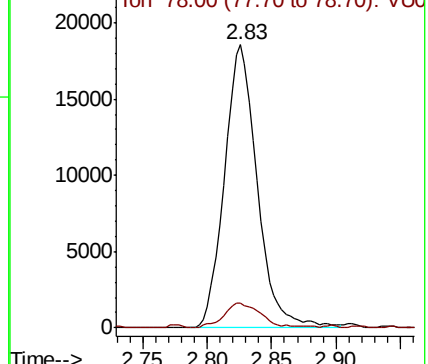
Ion Ratio Lower Upper

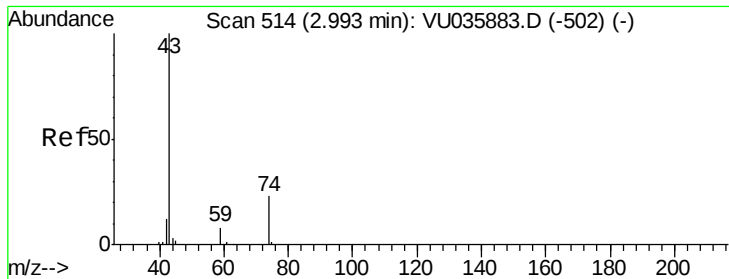
76 100

78 8.7 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VU035883.D (-445) (-)

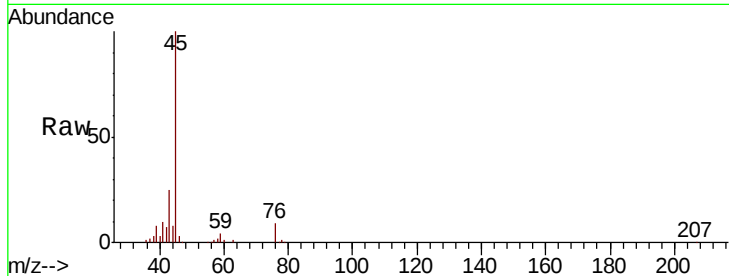




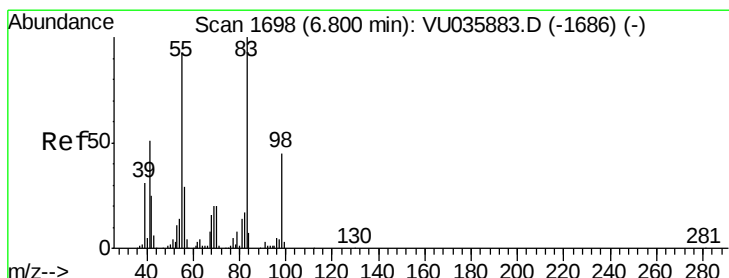
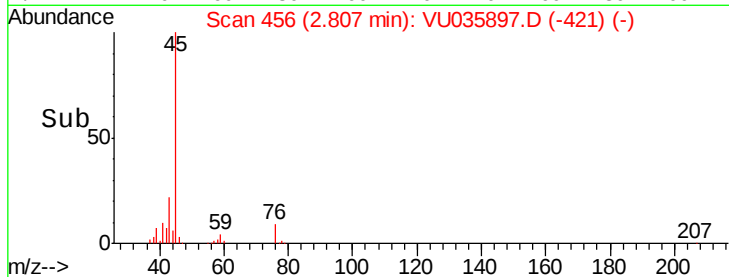
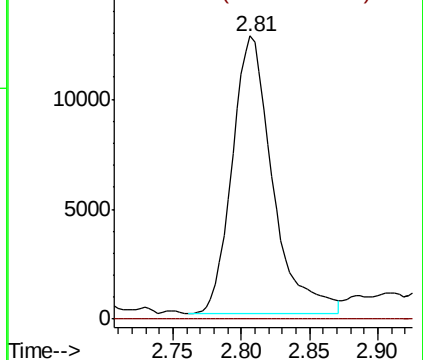
#15
Methyl Acetate
Concen: 2.096 ug/L
RT: 2.81 min Scan# 456
Delta R.T. -0.19 min
Lab File: VU035897.D
Acq: 27 Nov 2019 15:21

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 26215
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.4#

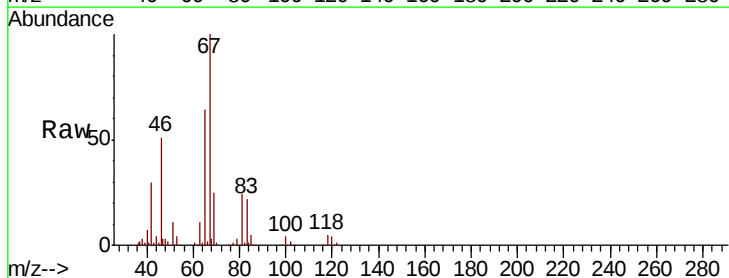


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 74.05 (73.75 to 74.75): VU0

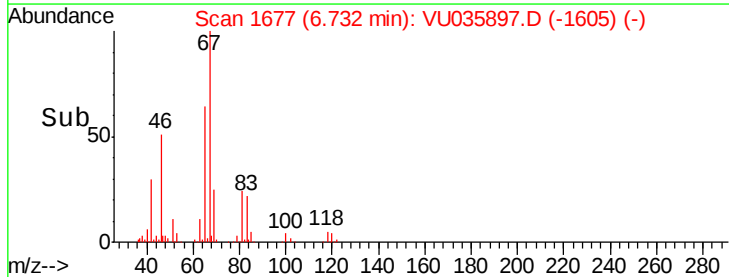
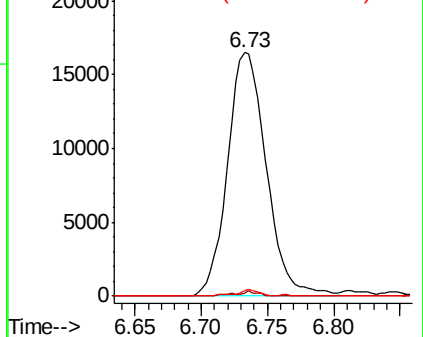


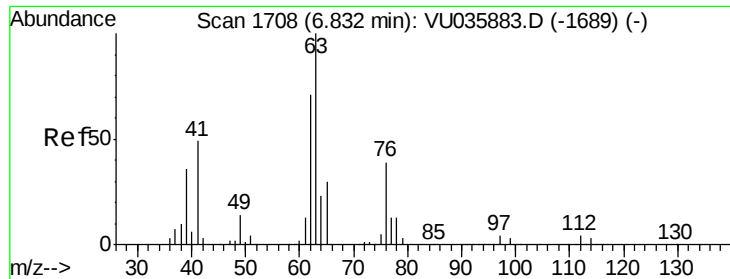
#35
Methylcyclohexane
Concen: 0.833 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU035897.D
Acq: 27 Nov 2019 15:21

Tgt Ion: 83 Resp: 33542
Ion Ratio Lower Upper
83 100
55 0.6 72.7 109.1#
98 1.5 36.2 54.4#



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

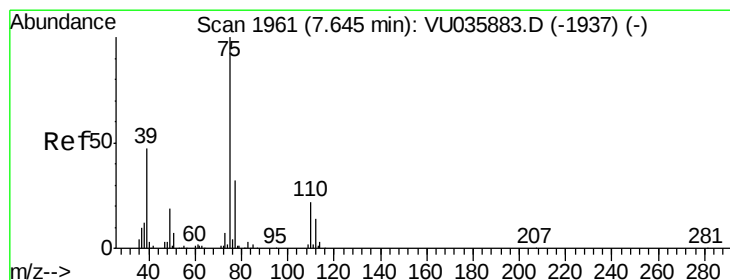
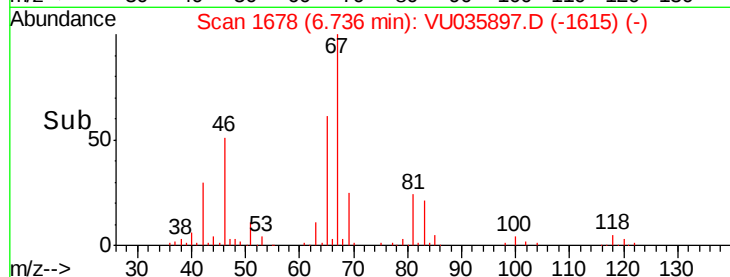
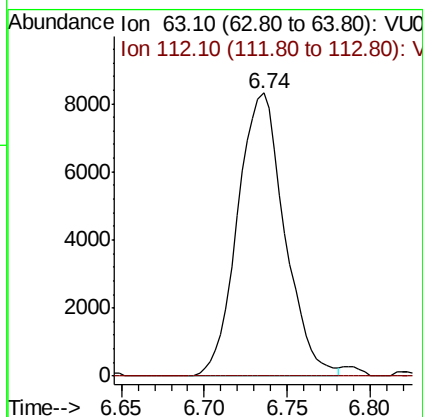
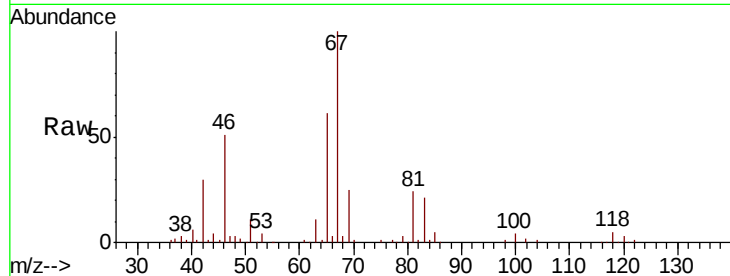




#37
 1,2-Dichloropropane
 Concen: 0.516 ug/L
 RT: 6.74 min Scan# 1678
 Delta R.T. -0.10 min
 Lab File: VU035897.D
 Acq: 27 Nov 2019 15:21

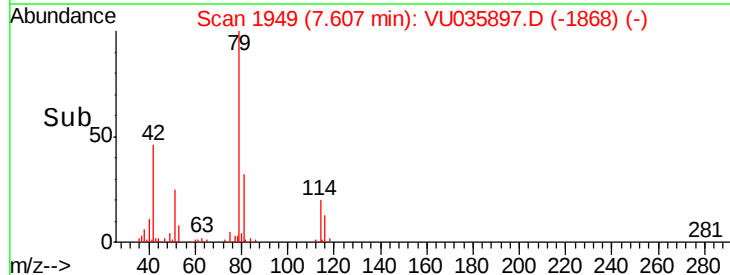
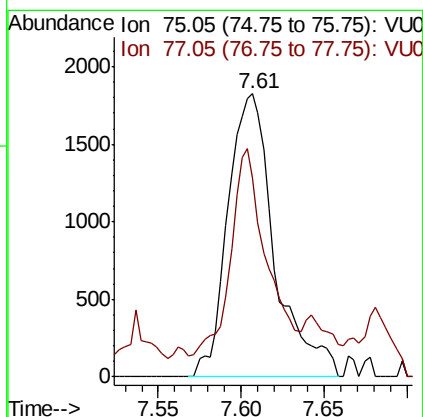
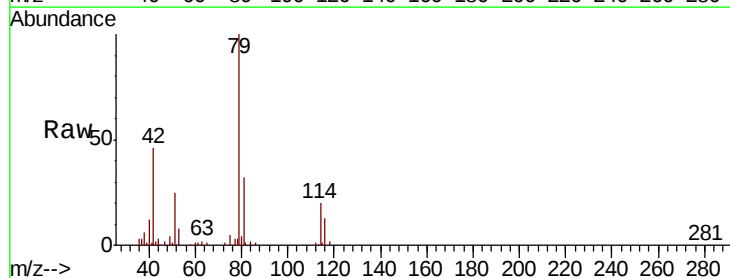
Instrument :
 MSVOA_U
 ClientSampleId :

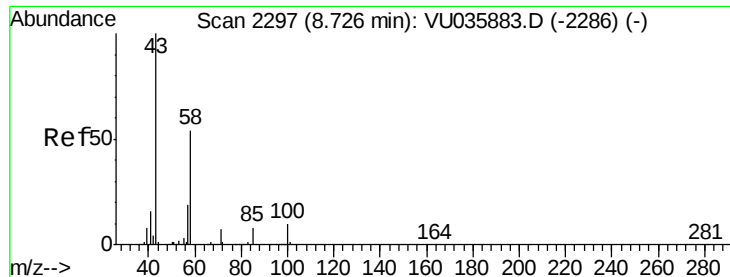
Tot Ion: 63 Resp: 16378
 Ion Ratio Lower Upper
 63 100
 112 0.1 2.7 4.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.087 ug/L
 RT: 7.61 min Scan# 1949
 Delta R.T. -0.04 min
 Lab File: VU035897.D
 Acq: 27 Nov 2019 15:21

Tgt Ion: 75 Resp: 3570
 Ion Ratio Lower Upper
 75 100
 77 70.4 22.1 41.1#

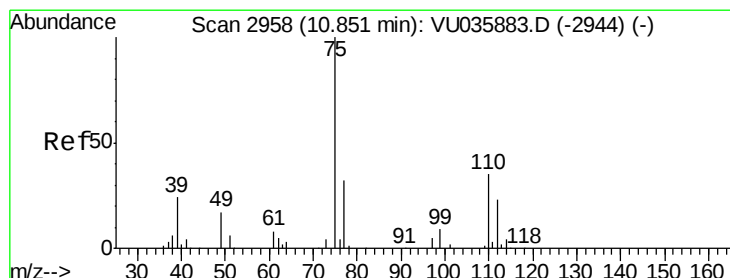
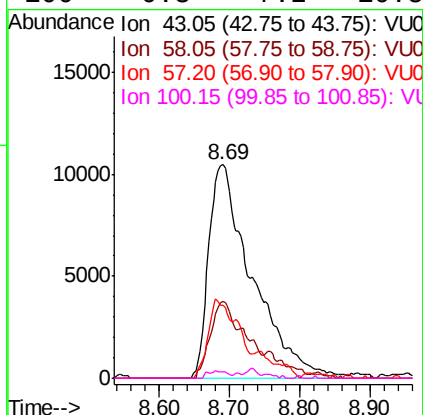
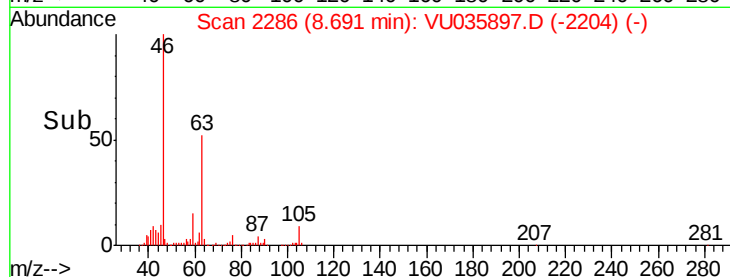
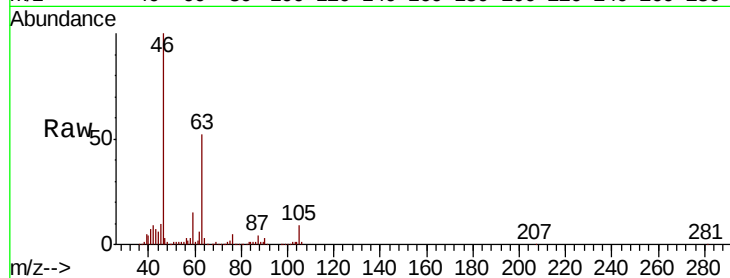




#48
2-Hexanone
Concen: 3.127 ug/L
RT: 8.69 min Scan# 2286
Delta R.T. -0.04 min
Lab File: VU035897.D
Acq: 27 Nov 2019 15:21

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 44883
Ion Ratio Lower Upper
43 100
58 19.8 39.8 59.8#
57 17.6 14.0 21.0
100 0.3 7.2 10.8#



#59
1,2,3-Trichloropropane
Concen: 0.451 ug/L
RT: 11.84 min Scan# 3267
Delta R.T. 0.99 min
Lab File: VU035897.D
Acq: 27 Nov 2019 15:21

Tgt Ion: 75 Resp: 9309
Ion Ratio Lower Upper
75 100
77 43.3 25.4 38.2#

