

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121019\
 Data File : VU036106.D
 Acq On : 11 Dec 2019 01:18
 Operator : JC/MD
 Sample : K6240-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 11 07:34:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 11 07:30:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	252388	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	280665	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	72006	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	112214	4.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.80%
7) Chloroethane-d5	1.93	69	106568	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.59	63	121856	2.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.20%#
20) 2-Butanone-d5	4.69	46	224076	58.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.92%
24) Chloroform-d	5.11	84	178746	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.75	65	97514	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.77	84	348393	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.73	67	112027	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	7.93	98	289705	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	8.21	79	39410	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.70	63	171626	53.12	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.24%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	100988	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	74015	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

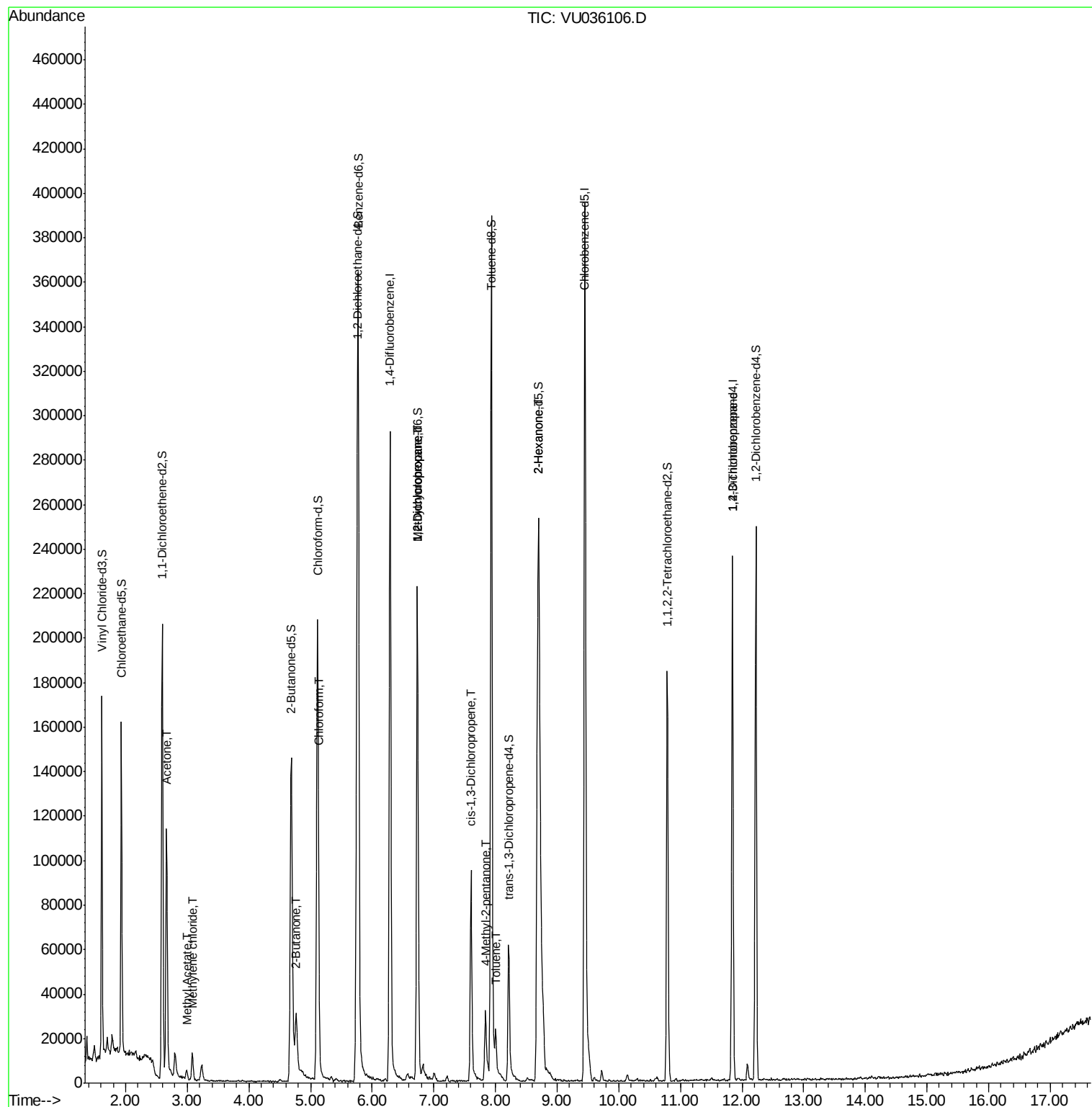
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.66	43	125895	25.872	ug/L	98
15) Methyl Acetate	2.99	43	4829	0.672	ug/L	96
16) Methylene chloride	3.09	84	5979	0.234	ug/L	97
21) 2-Butanone	4.77	43	32250	6.622	ug/L	99
25) Chloroform	5.14	83	6535	0.174	ug/L	100
35) Methylcyclohexane	6.73	83	27134	0.993	ug/L #	19
37) 1,2-Dichloropropane	6.74	63	11374	0.591	ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	2630	0.101	ug/L #	37
40) 4-Methyl-2-pentanone	7.84	43	26787	2.665	ug/L #	77
42) Toluene	8.01	91	11661	0.142	ug/L	95
48) 2-Hexanone	8.70	43	22339	3.098	ug/L #	68
59) 1,2,3-Trichloropropane	11.84	75	7654	0.556	ug/L	92

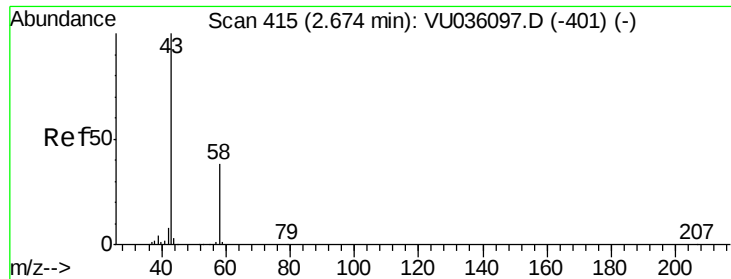
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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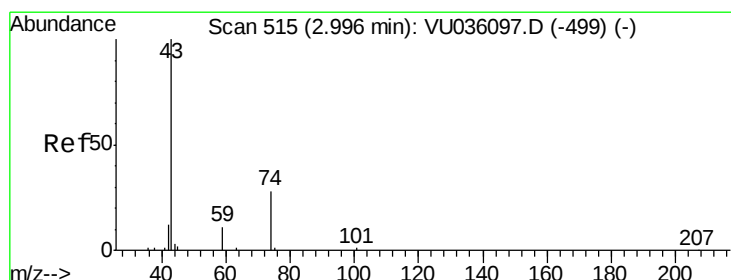
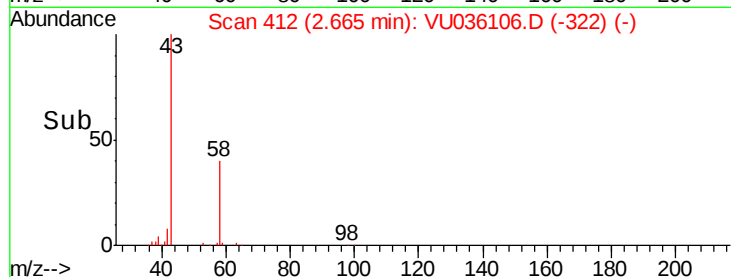
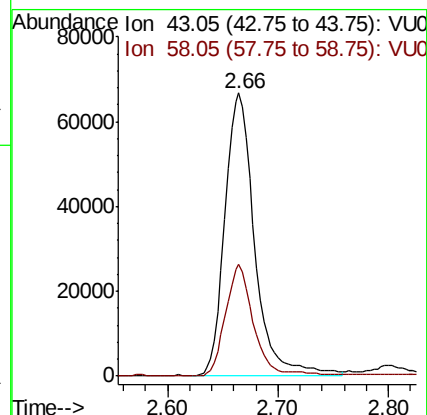
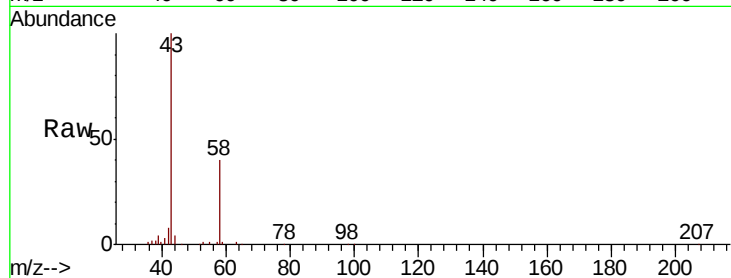




#13
Acetone
Concen: 25.872 ug/L
RT: 2.66 min Scan# 412
Delta R.T. -0.01 min
Lab File: VU036106.D
Acq: 11 Dec 2019 01:18

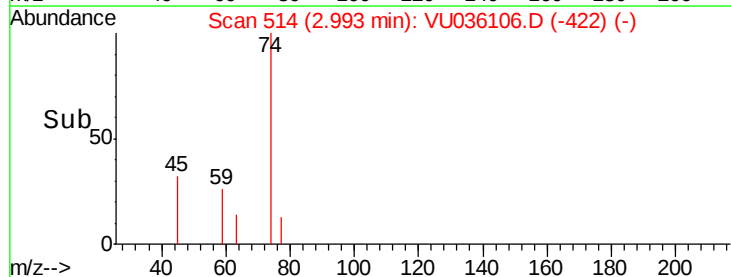
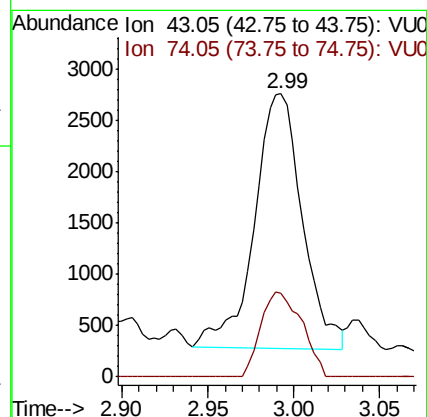
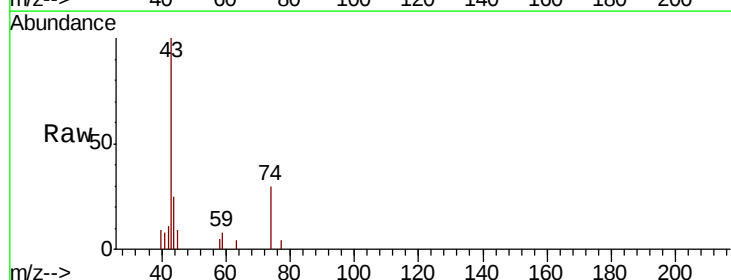
Instrument :
MSVOA_U
ClientSampleId :

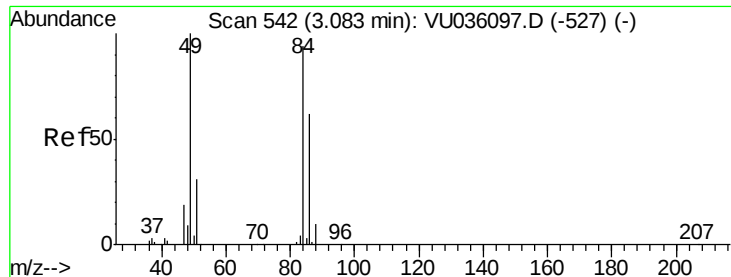
Tot Ion: 43 Resp: 125895
Ion Ratio Lower Upper
43 100
58 36.0 0.0 74.2



#15
Methyl Acetate
Concen: 0.672 ug/L
RT: 2.99 min Scan# 514
Delta R.T. -0.00 min
Lab File: VU036106.D
Acq: 11 Dec 2019 01:18

Tgt Ion: 43 Resp: 4829
Ion Ratio Lower Upper
43 100
74 28.2 21.0 31.4

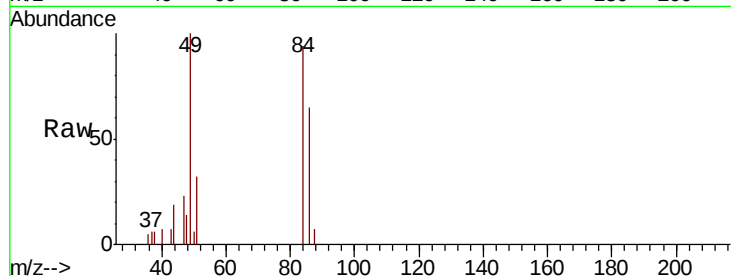




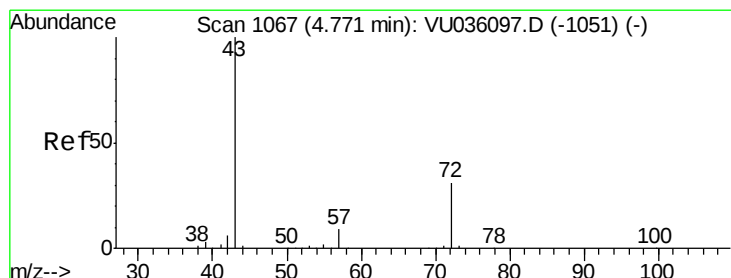
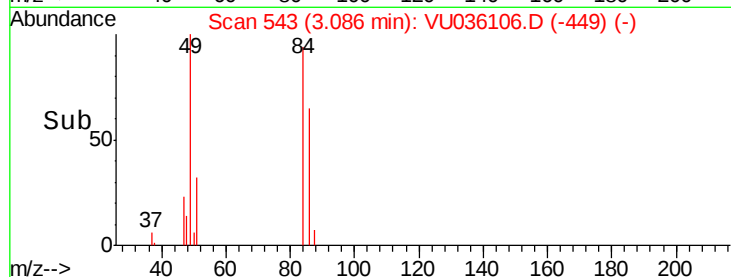
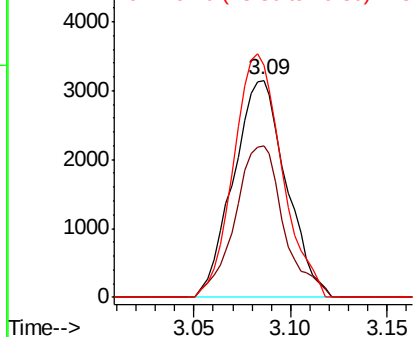
#16
Methvlene chloride
Concen: 0.234 ug/L
RT: 3.09 min Scan# 543
Delta R.T. 0.00 min
Lab File: VU036106.D
Acq: 11 Dec 2019 01:18

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 84 Resp: 5979
Ion Ratio Lower Upper
84 100
86 70.0 47.5 88.3
49 106.9 76.9 142.9

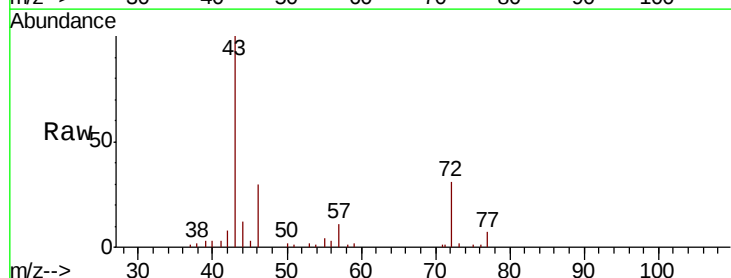


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

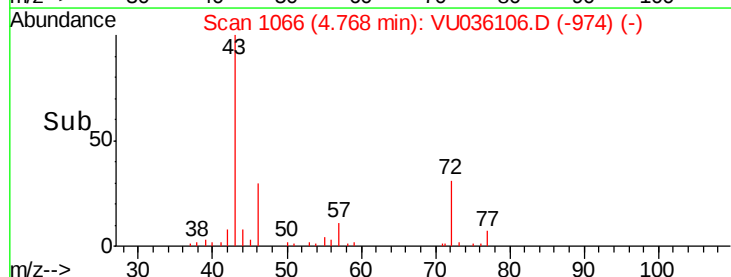
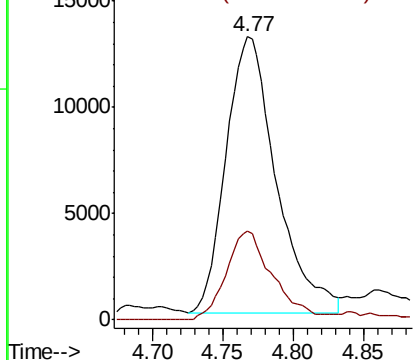


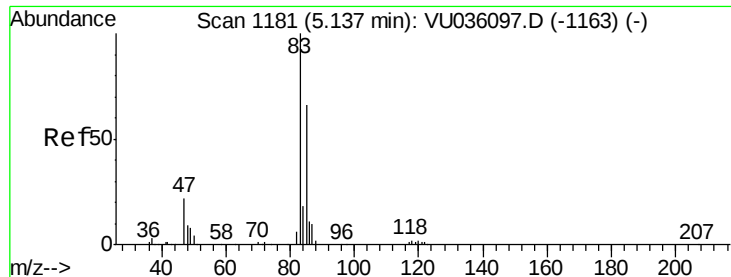
#21
2-Butanone
Concen: 6.622 ug/L
RT: 4.77 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VU036106.D
Acq: 11 Dec 2019 01:18

Tgt Ion: 43 Resp: 32250
Ion Ratio Lower Upper
43 100
72 29.6 15.0 45.0



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 72.10 (71.80 to 72.80): VU0

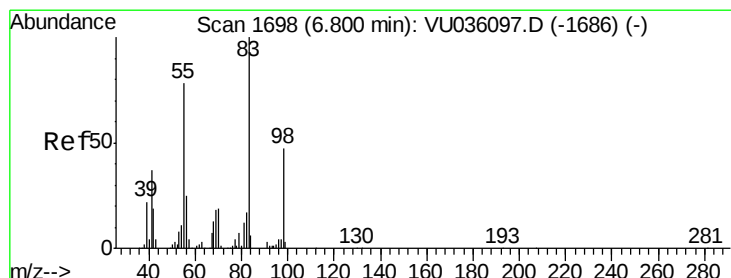
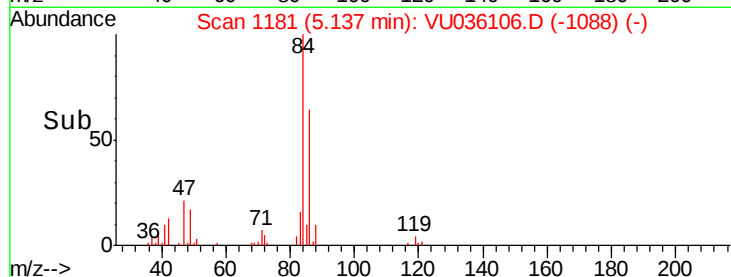
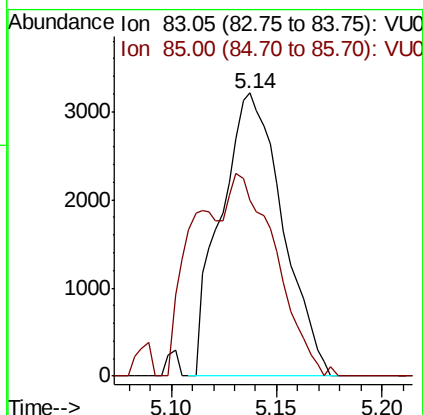
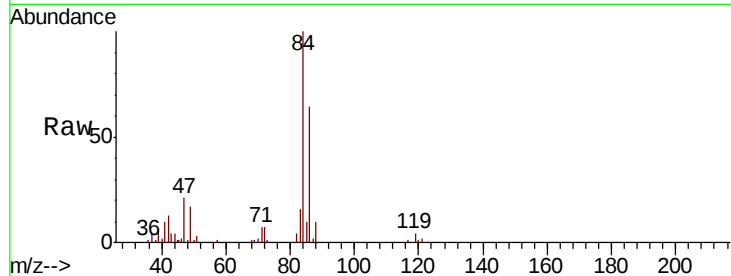




#25
Chloroform
Concen: 0.174 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU036106.D
Acq: 11 Dec 2019 01:18

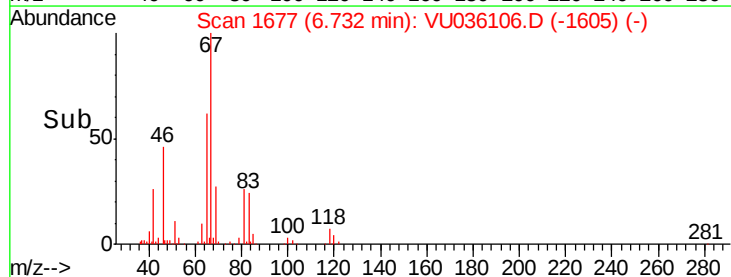
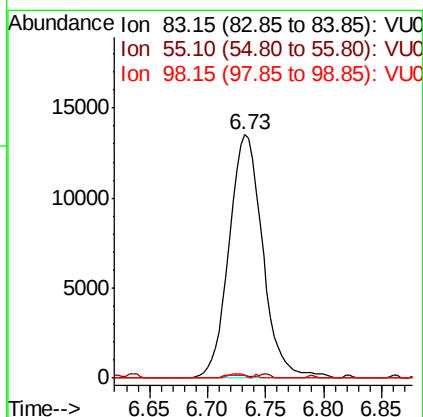
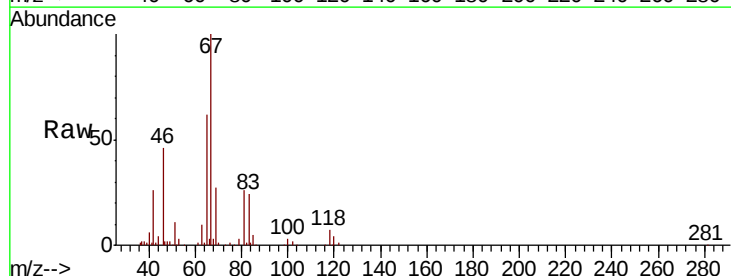
Instrument :
MSVOA_U
ClientSampleId :

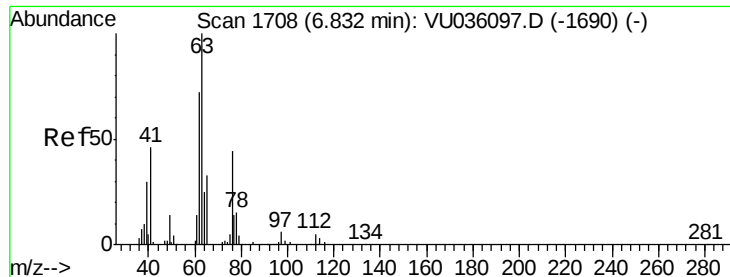
Tot Ion: 83 Resp: 6535
Ion Ratio Lower Upper
83 100
85 62.3 43.9 81.5



#35
Methylcyclohexane
Concen: 0.993 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036106.D
Acq: 11 Dec 2019 01:18

Tgt Ion: 83 Resp: 27134
Ion Ratio Lower Upper
83 100
55 0.9 62.1 93.1#
98 0.8 37.0 55.4#





#37

1,2-Dichloropropane

Concen: 0.591 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.10 min

Lab File: VU036106.D

Acq: 11 Dec 2019 01:18

Instrument :

MSVOA_U

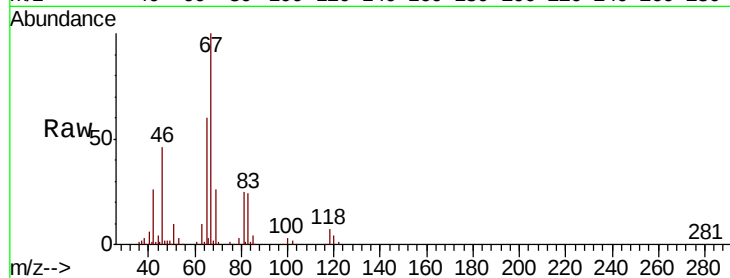
ClientSampleId :

Tot Ion: 63 Resp: 11374

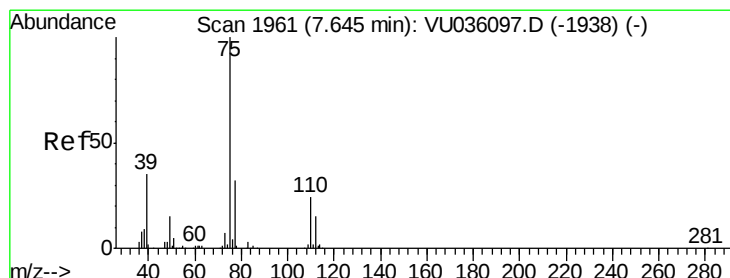
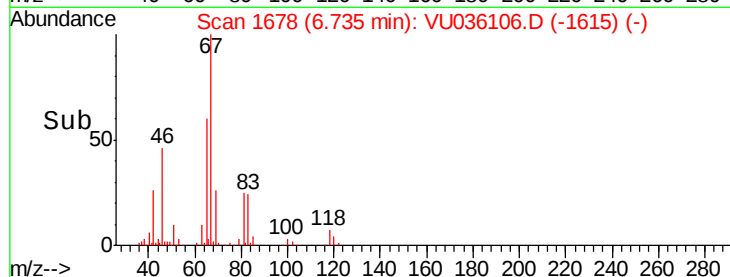
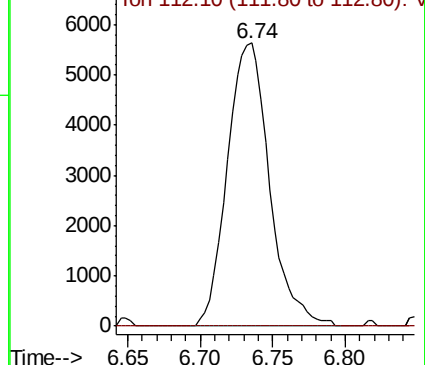
Ion Ratio Lower Upper

63 100

112 0.2 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VU036097.D (-1690) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.101 ug/L

RT: 7.60 min Scan# 1947

Delta R.T. -0.04 min

Lab File: VU036106.D

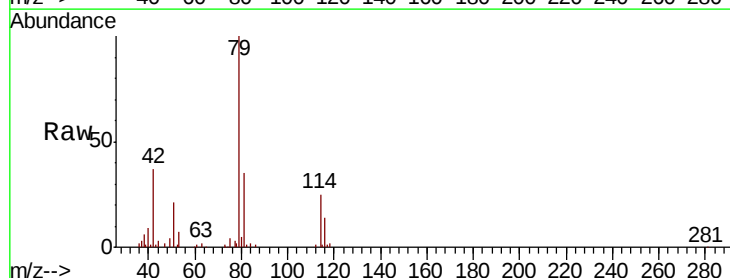
Acq: 11 Dec 2019 01:18

Tgt Ion: 75 Resp: 2630

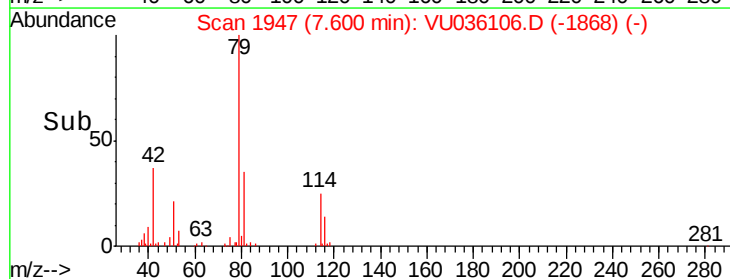
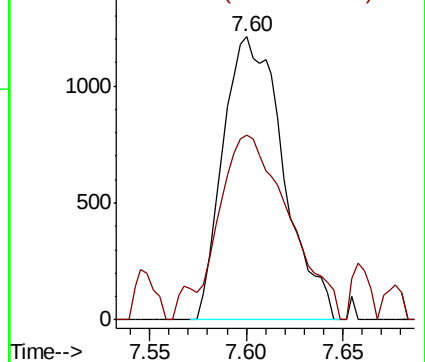
Ion Ratio Lower Upper

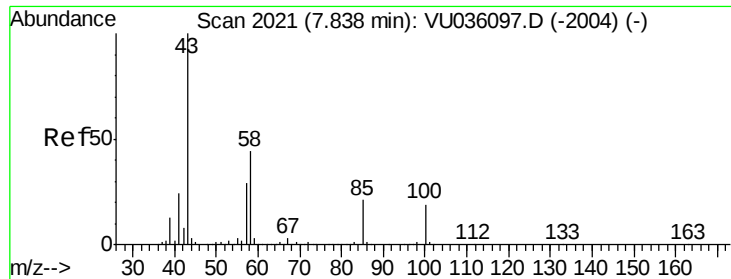
75 100

77 65.4 21.7 40.3#



Abundance Ion 75.05 (74.75 to 75.75): VU036097.D (-1938) (-)

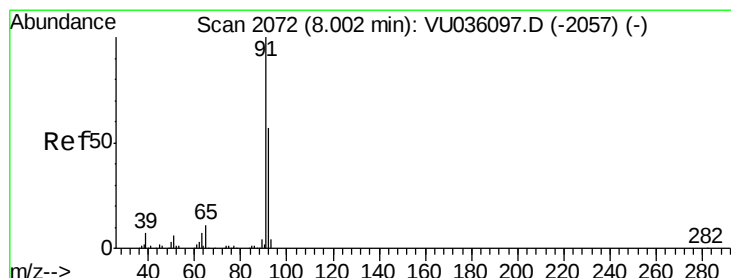
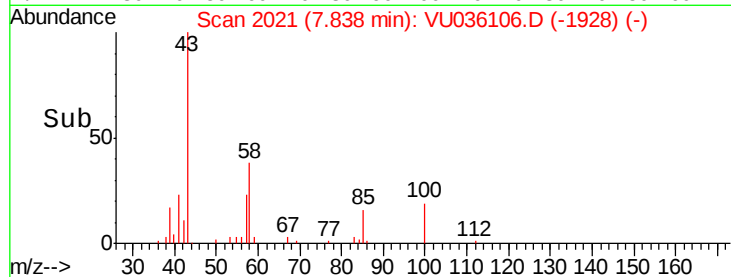
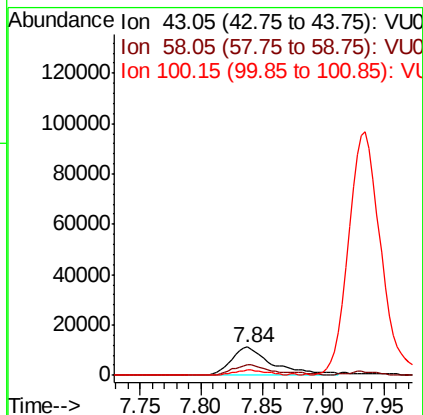
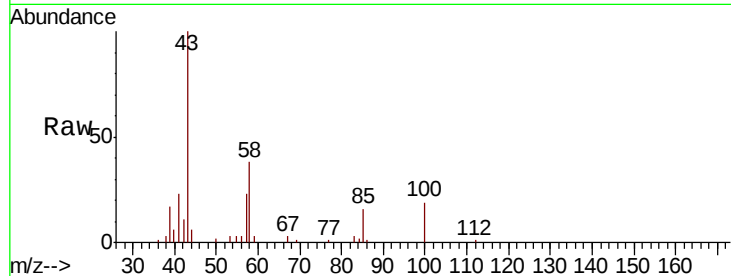




#40
4-Methyl-2-pentanone
Concen: 2.665 ug/L
RT: 7.84 min Scan# 2021
Delta R.T. 0.00 min
Lab File: VU036106.D
Acq: 11 Dec 2019 01:18

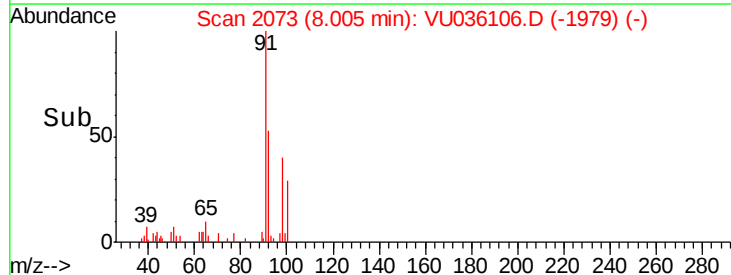
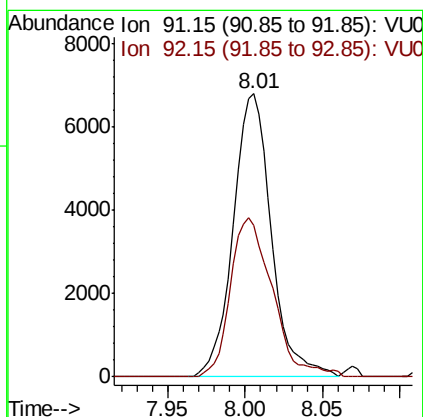
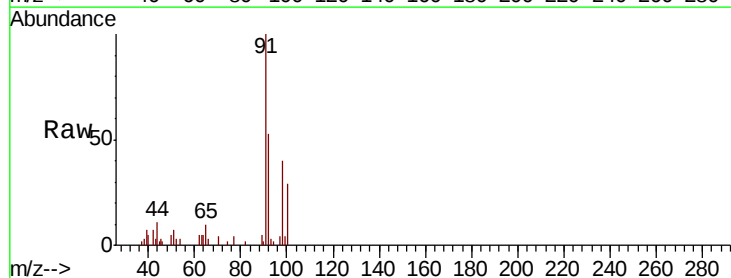
Instrument :
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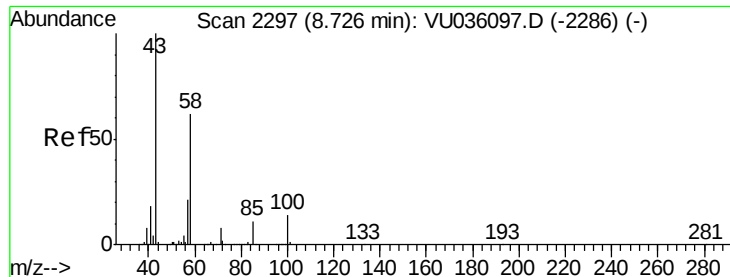
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Ion Ratio Lower Upper
43 100
58 33.0 34.5 51.7#
100 0.0 14.3 21.5#



#42
Toluene
Concen: 0.142 ug/L
RT: 8.01 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VU036106.D
Acq: 11 Dec 2019 01:18

Tgt Ion: 91 Resp: 11661
Ion Ratio Lower Upper
91 100
92 53.4 40.0 74.4

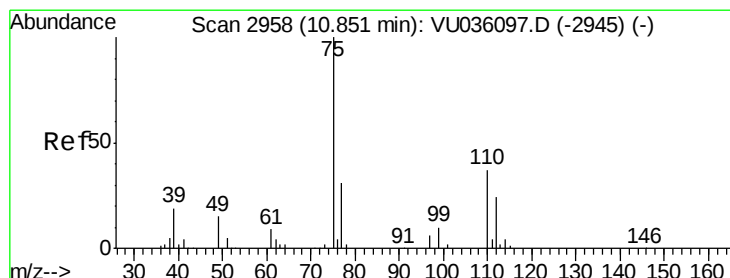
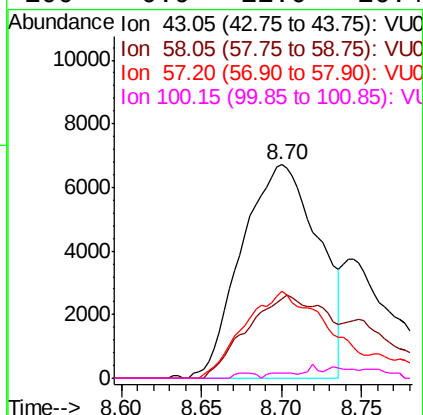
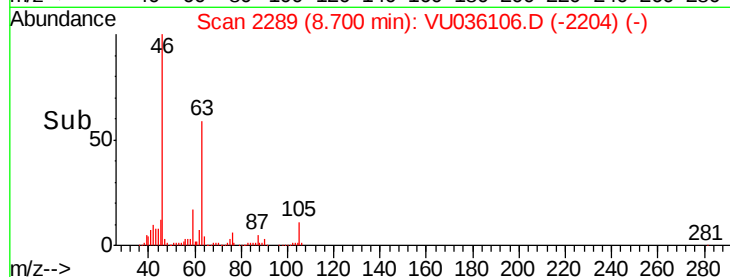
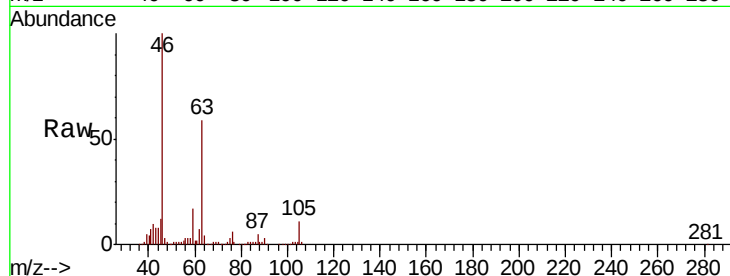




#48
2-Hexanone
Concen: 3.098 ug/L
RT: 8.70 min Scan# 2289
Delta R.T. -0.03 min
Lab File: VU036106.D
Acq: 11 Dec 2019 01:18

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 22339
Ion Ratio Lower Upper
43 100
58 39.7 46.9 70.3#
57 44.6 16.4 24.6#
100 0.9 11.0 16.4#



#59
1,2,3-Trichloropropane
Concen: 0.556 ug/L
RT: 11.84 min Scan# 3267
Delta R.T. 0.99 min
Lab File: VU036106.D
Acq: 11 Dec 2019 01:18

Tgt Ion: 75 Resp: 7654
Ion Ratio Lower Upper
75 100
77 38.2 26.7 40.1

