

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121019\
 Data File : VU036074.D
 Acq On : 10 Dec 2019 10:56
 Operator : JC/MD
 Sample : VV1210WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 11 06:30:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 11 06:27:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	300706	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	333890	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	110499	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	129837	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	1.93	69	123490	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.80%
11) 1,1-Dichloroethene-d2	2.59	63	153329	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	4.70	46	281990	61.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.48%
24) Chloroform-d	5.11	84	221560	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.75	65	116292	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.77	84	415430	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.73	67	134102	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.94	98	341416	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	8.21	79	50456	4.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.00%
46) 2-Hexanone-d5	8.68	63	210356	54.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.46%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	119160	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	112768	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

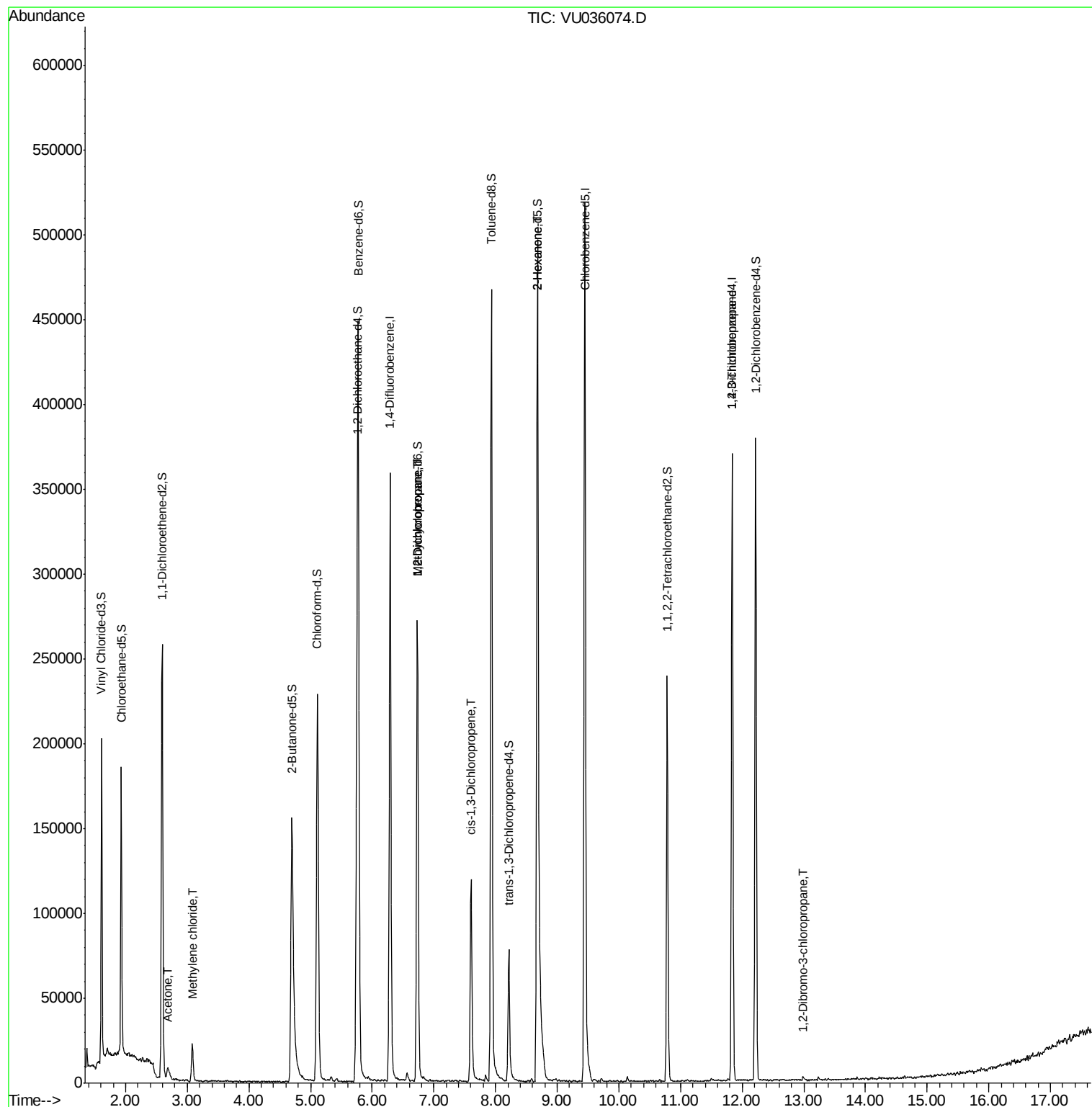
					Ovalue
13) Acetone	2.68	43	9556	1.648 ug/L	98
16) Methylene chloride	3.08	84	11645	0.383 ug/L	93
35) Methylcyclohexane	6.73	83	31862	0.980 ug/L #	18
37) 1,2-Dichloropropane	6.73	63	13509	0.590 ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	3564	0.115 ug/L #	64
48) 2-Hexanone	8.68	43	24813	2.893 ug/L #	68
59) 1,2,3-Trichloropropane	11.84	75	12018	0.734 ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.99	75	295	0.131 ug/L #	1

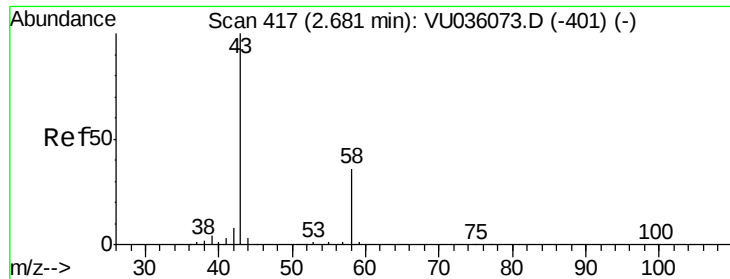
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 11 06:27:41 2019
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#13

Acetone

Concen: 1.648 ug/L

RT: 2.68 min Scan# 418

Delta R.T. 0.00 min

Lab File: VU036074.D

Acq: 10 Dec 2019 10:56

Instrument :

MSVOA_U

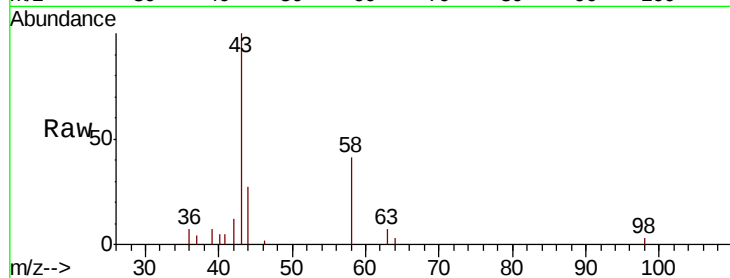
ClientSampleId :

Tot Ion: 43 Resp: 9556

Ion Ratio Lower Upper

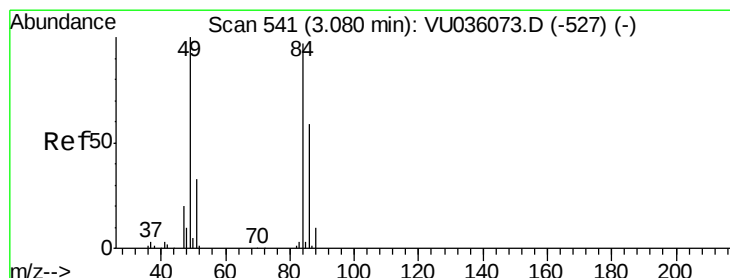
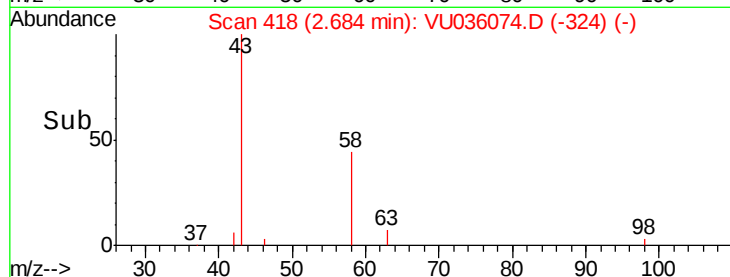
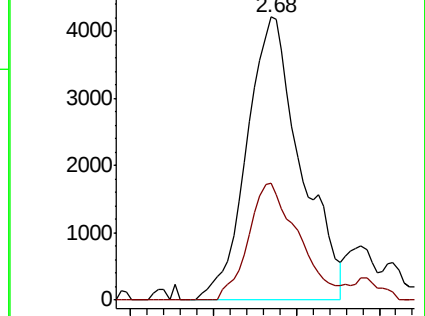
43 100

58 38.2 0.0 74.2



Abundance Ion 43.05 (42.75 to 43.75): VU036074.D (-418) (-)

Ion 58.05 (57.75 to 58.75): VU036074.D (-418) (-)



#16

Methylene chloride

Concen: 0.383 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU036074.D

Acq: 10 Dec 2019 10:56

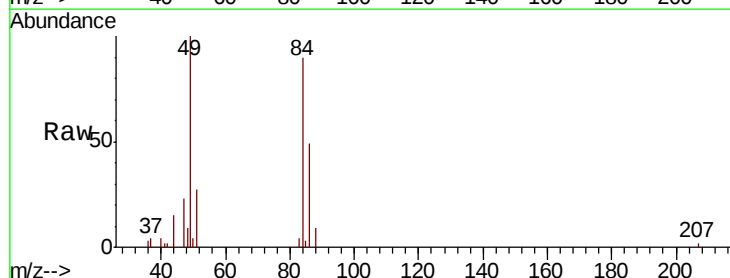
Tgt Ion: 84 Resp: 11645

Ion Ratio Lower Upper

84 100

86 54.5 47.5 88.3

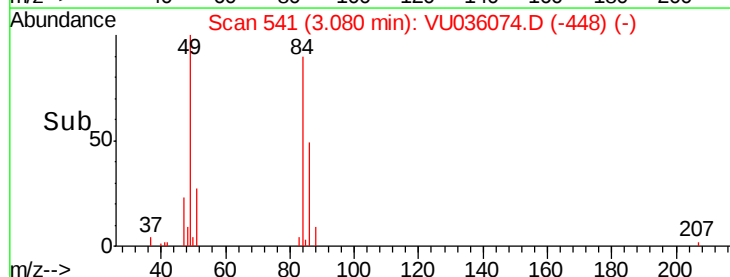
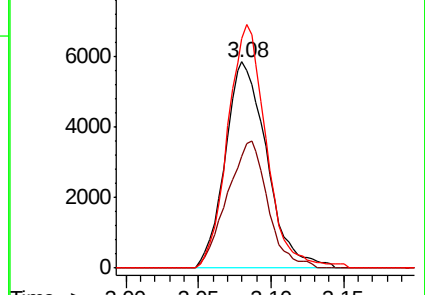
49 111.2 76.9 142.9

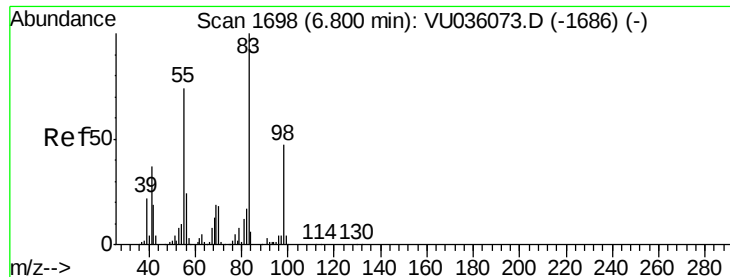


Abundance Ion 84.05 (83.75 to 84.75): VU036074.D (-541) (-)

Ion 86.00 (85.70 to 86.70): VU036074.D (-541) (-)

Ion 49.10 (48.80 to 49.80): VU036074.D (-541) (-)

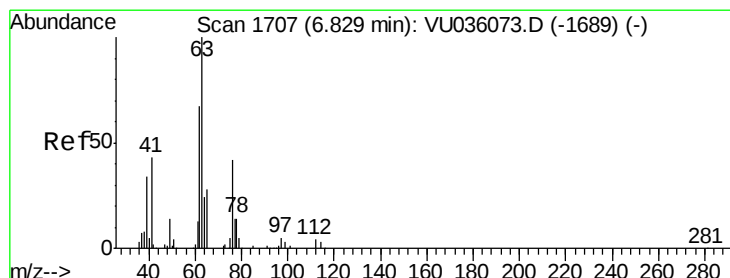
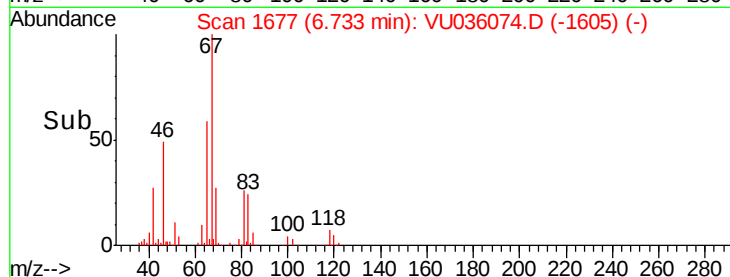
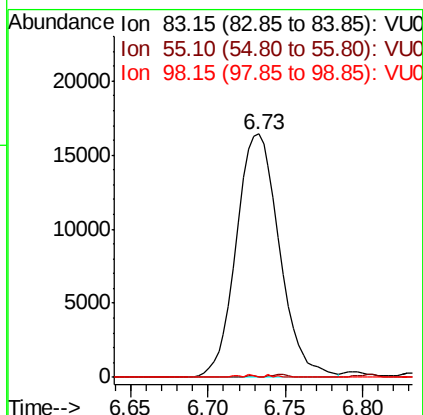
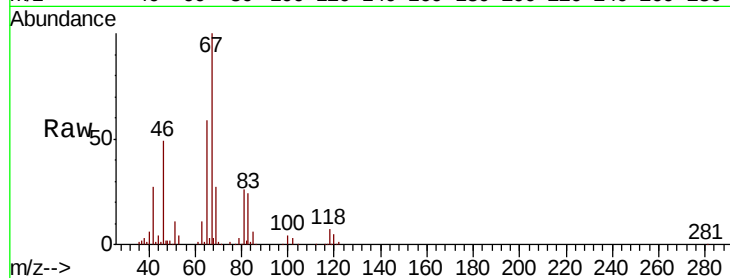




#35
Methylcyclohexane
Concen: 0.980 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036074.D
Acq: 10 Dec 2019 10:56

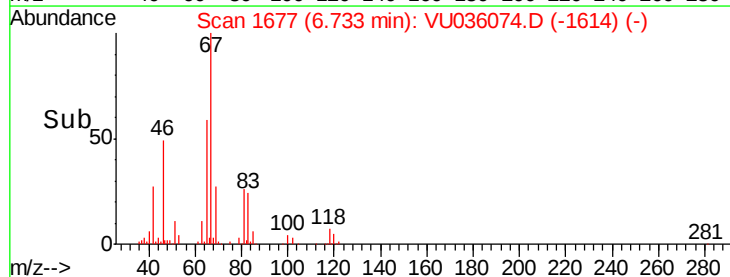
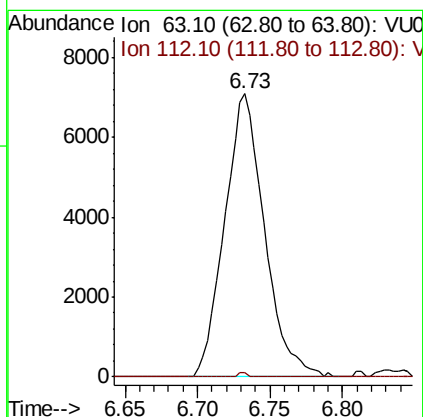
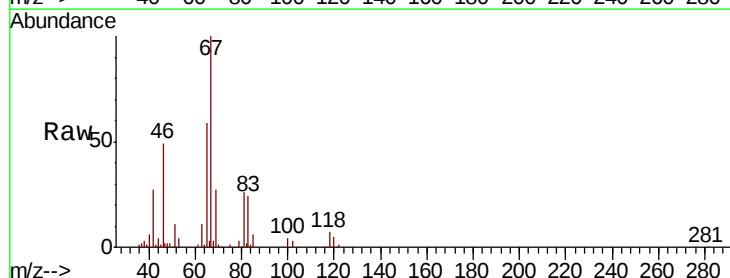
Instrument :
MSVOA_U
ClientSampleId :

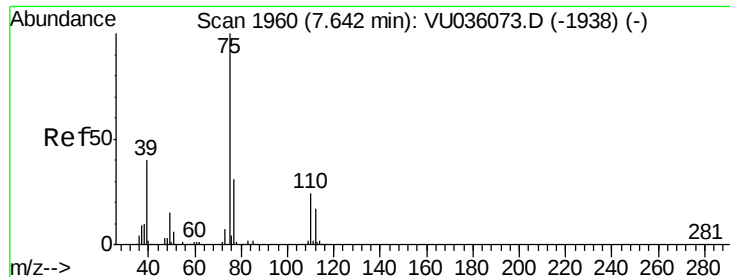
Tot Ion: 83 Resp: 31862
Ion Ratio Lower Upper
83 100
55 0.1 62.1 93.1#
98 0.2 37.0 55.4#



#37
1,2-Dichloropropane
Concen: 0.590 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU036074.D
Acq: 10 Dec 2019 10:56

Tgt Ion: 63 Resp: 13509
Ion Ratio Lower Upper
63 100
112 0.3 3.8 5.8#

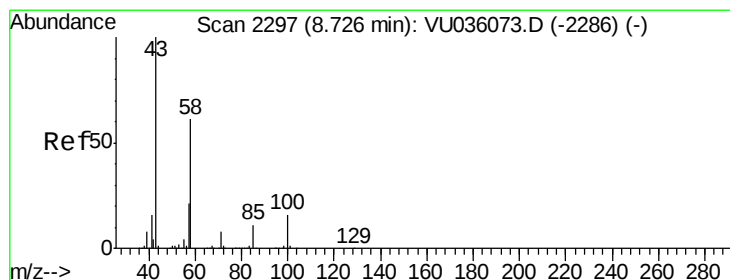
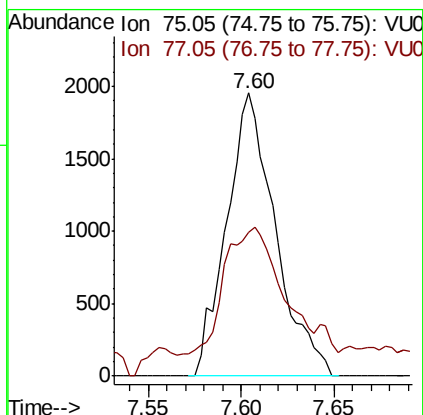
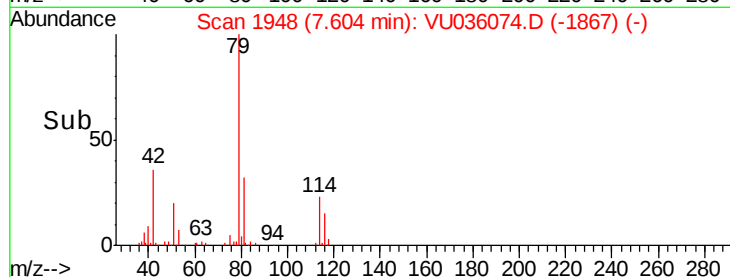
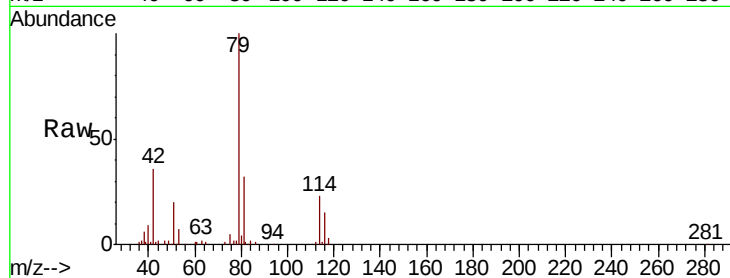




#39
 cis-1,3-Dichloropropene
 Concen: 0.115 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
 Lab File: VU036074.D
 Acq: 10 Dec 2019 10:56

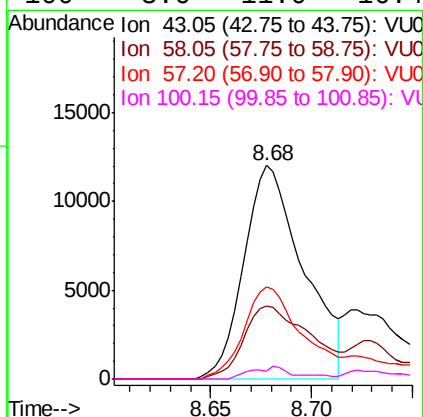
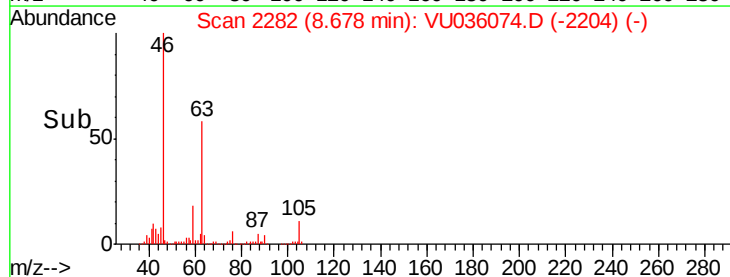
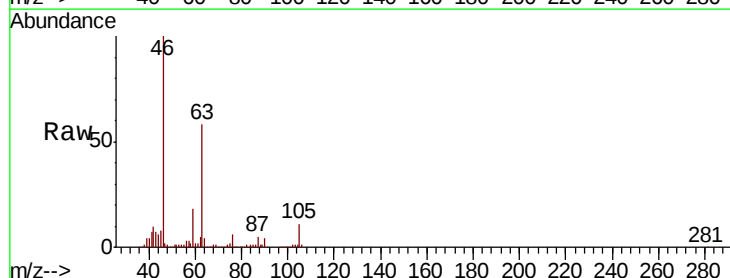
Instrument :
 MSVOA_U
 ClientSampleId :

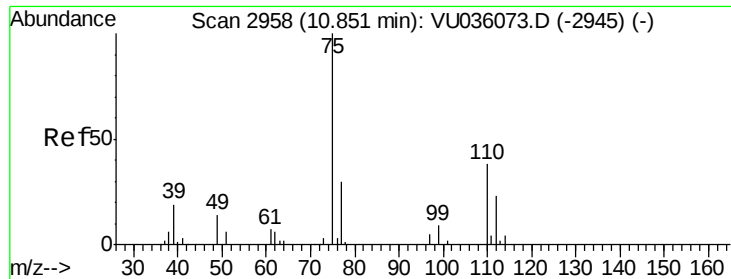
Tot Ion: 75 Resp: 3564
 Ion Ratio Lower Upper
 75 100
 77 51.0 21.7 40.3#



#48
 2-Hexanone
 Concen: 2.893 ug/L
 RT: 8.68 min Scan# 2282
 Delta R.T. -0.05 min
 Lab File: VU036074.D
 Acq: 10 Dec 2019 10:56

Tgt Ion: 43 Resp: 24813
 Ion Ratio Lower Upper
 43 100
 58 37.7 46.9 70.3#
 57 42.6 16.4 24.6#
 100 3.6 11.0 16.4#

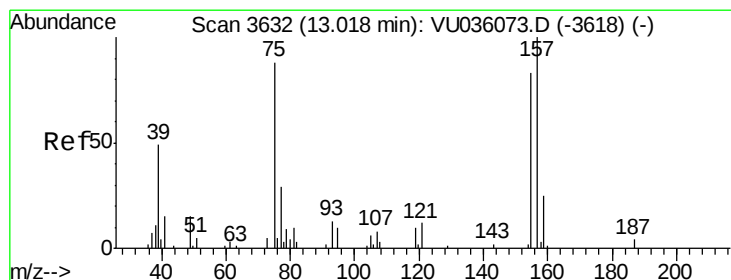
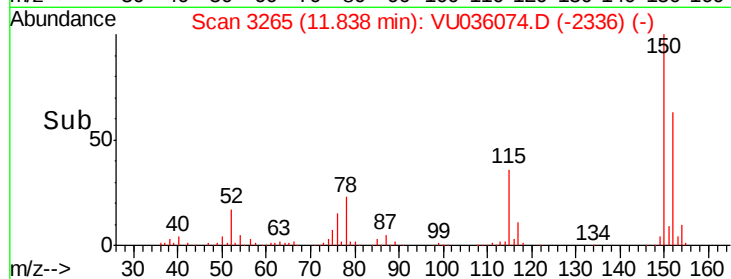
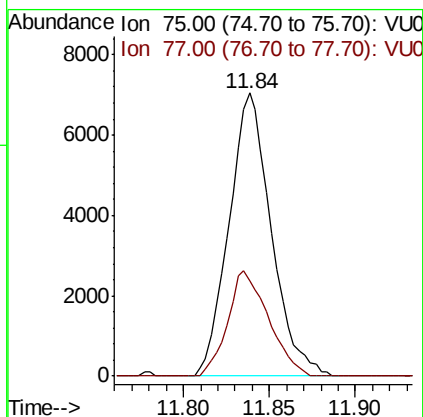
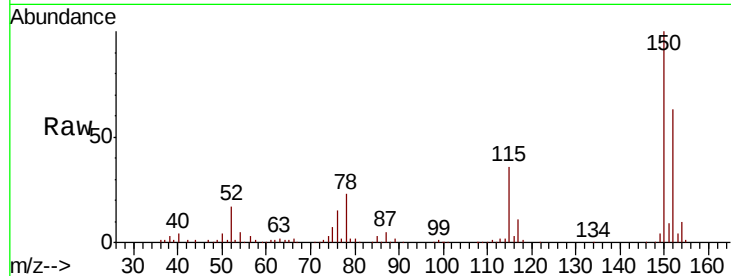




#59
 1,2,3-Trichloropropane
 Concen: 0.734 ug/L
 RT: 11.84 min Scan# 3265
 Delta R.T. 0.99 min
 Lab File: VU036074.D
 Acq: 10 Dec 2019 10:56

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 75 Resp: 12018
 Ion Ratio Lower Upper
 75 100
 77 36.0 26.7 40.1



#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.131 ug/L
 RT: 12.99 min Scan# 3624
 Delta R.T. -0.03 min
 Lab File: VU036074.D
 Acq: 10 Dec 2019 10:56

Tgt Ion: 75 Resp: 295
 Ion Ratio Lower Upper
 75 100
 155 0.0 70.0 105.0#
 157 0.0 90.5 135.7#

