

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102219\
 Data File : VU035374.D
 Acq On : 22 Oct 2019 19:38
 Operator : JC/SP
 Sample : VIBLK40
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 23 08:05:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 23 08:02:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	262679	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	262453	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	100293	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	93722	5.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	117.00%
7) Chloroethane-d5	1.93	69	85622	5.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.00%
11) 1,1-Dichloroethene-d2	2.59	63	124681	4.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.20%
20) 2-Butanone-d5	4.72	46	236451	51.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.74%
24) Chloroform-d	5.11	84	157668	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
26) 1,2-Dichloroethane-d4	5.75	65	86634	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	5.77	84	308583	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.74	67	104701	5.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.80%
41) Toluene-d8	7.93	98	266175	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	8.22	79	38453	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.69	63	179518	44.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.02%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	86577	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	92333	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

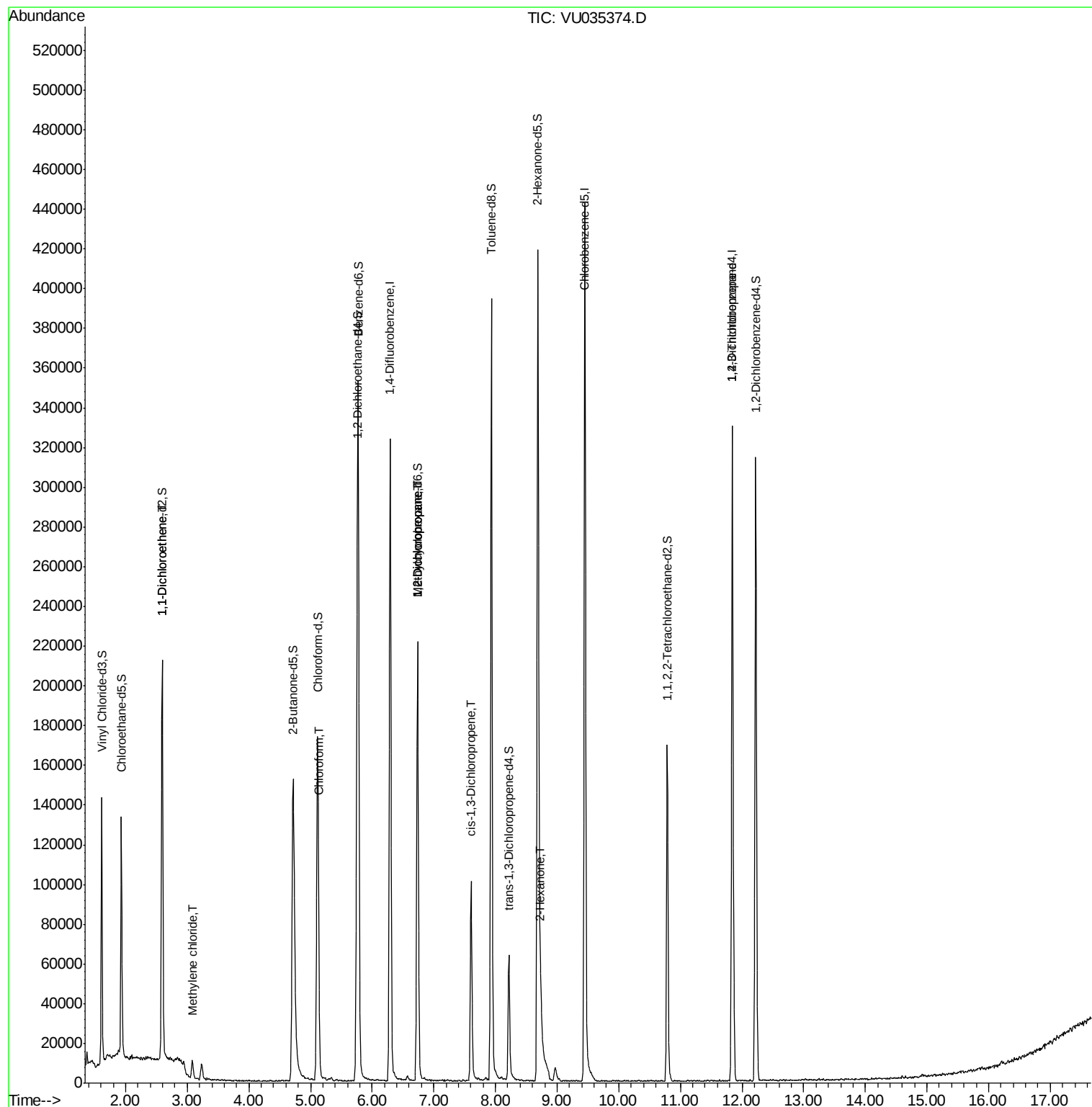
					Ovalue
12) 1,1-Dichloroethene	2.59	96	1108	0.066 ug/L #	1
16) Methylene chloride	3.08	84	4372	0.215 ug/L	95
25) Chloroform	5.14	83	10163	0.281 ug/L	89
35) Methylcyclohexane	6.74	83	24577	0.708 ug/L #	19
37) 1,2-Dichloropropane	6.74	63	11489	0.586 ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	2557	0.078 ug/L #	60
48) 2-Hexanone	8.74	43	9322	1.004 ug/L #	82
59) 1,2,3-Trichloropropane	11.84	75	12253	0.897 ug/L	89

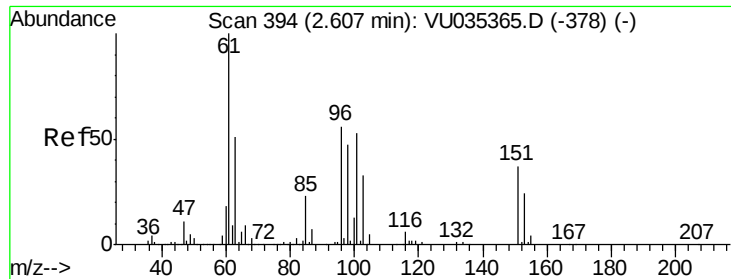
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.066 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU035374.D

Acq: 22 Oct 2019 19:38

Instrument :

MSVOA_U

ClientSampleId :

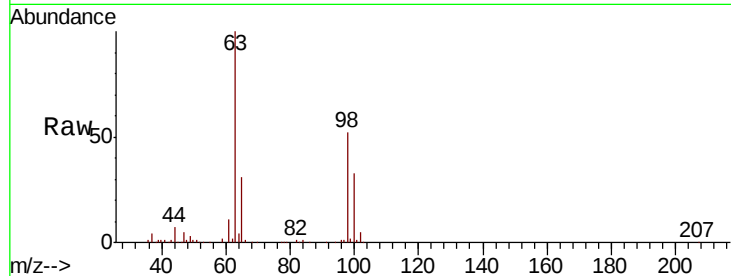
Tot Ion: 96 Resp: 1108

Ion Ratio Lower Upper

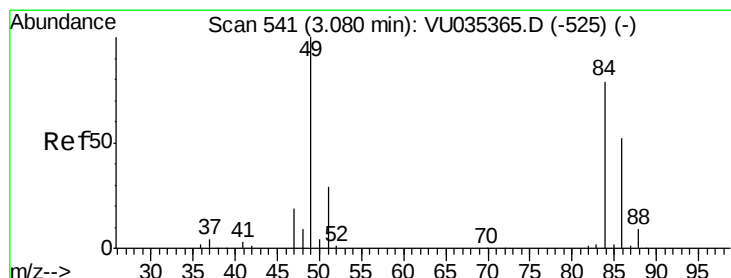
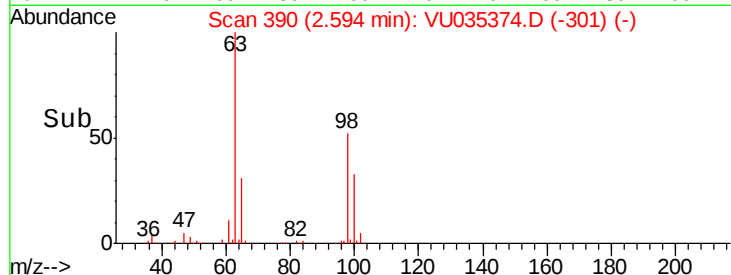
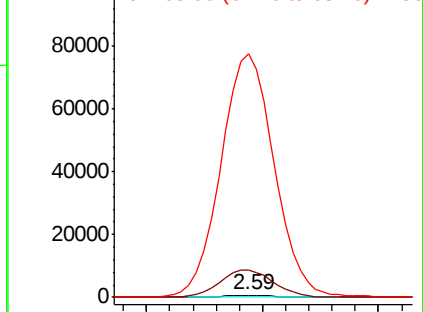
96 100

61 1308.1 120.6 224.0#

63 11879.9 86.8 161.2#



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 63.00 (62.70 to 63.70): VU0



#16

Methylene chloride

Concen: 0.215 ug/L

RT: 3.08 min Scan# 541

Delta R.T. -0.00 min

Lab File: VU035374.D

Acq: 22 Oct 2019 19:38

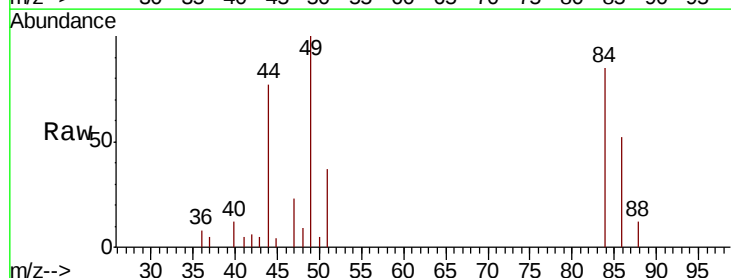
Tgt Ion: 84 Resp: 4372

Ion Ratio Lower Upper

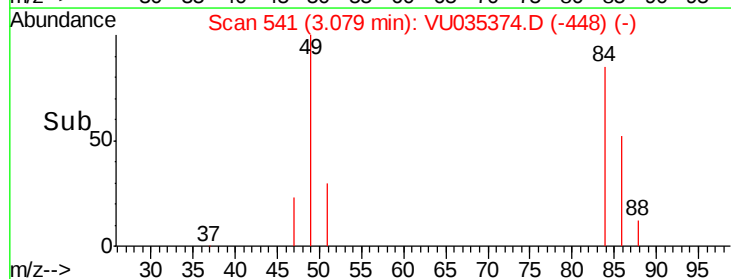
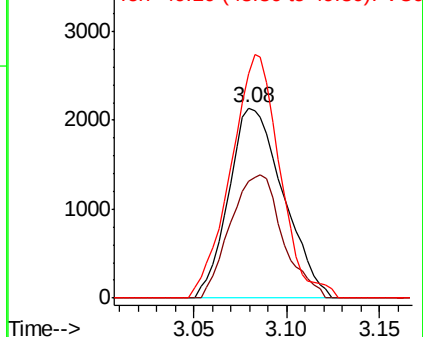
84 100

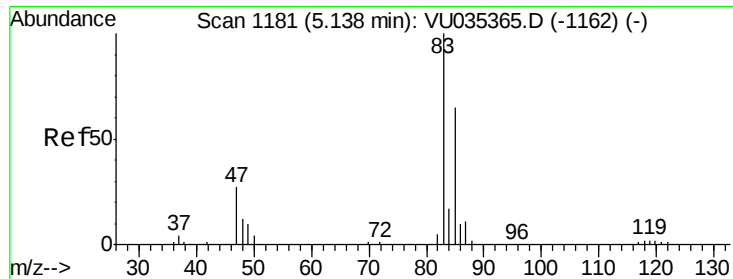
86 61.5 45.4 84.2

49 118.2 86.8 161.2



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

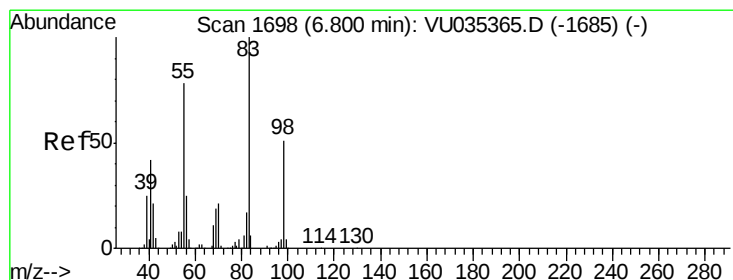
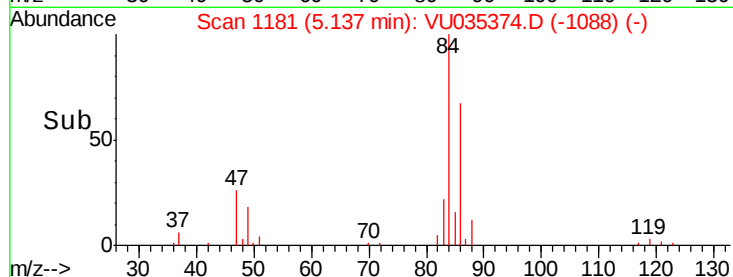
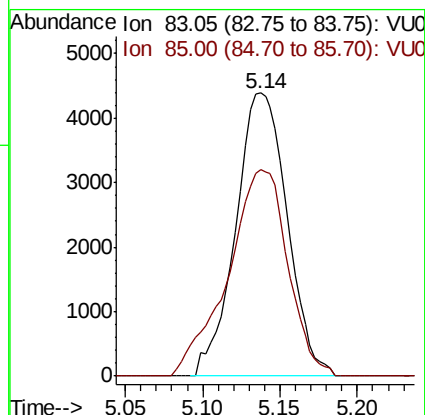
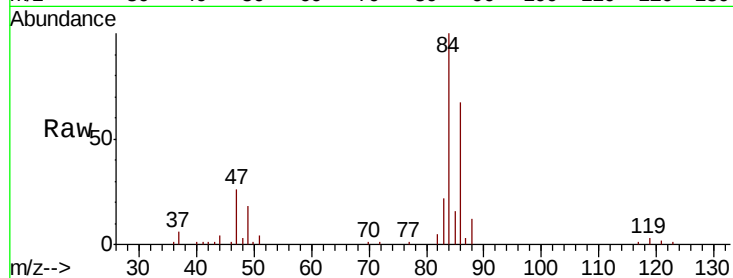




#25
Chloroform
Concen: 0.281 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU035374.D
Acq: 22 Oct 2019 19:38

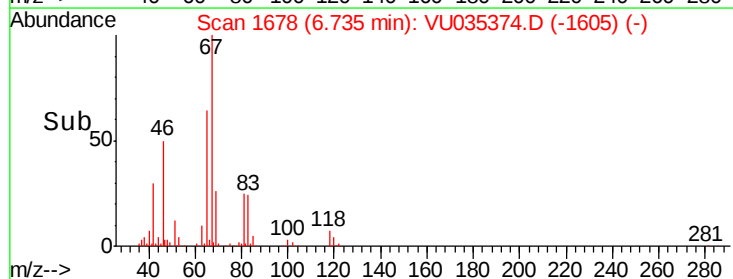
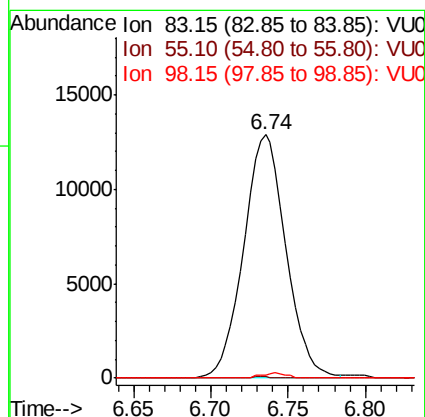
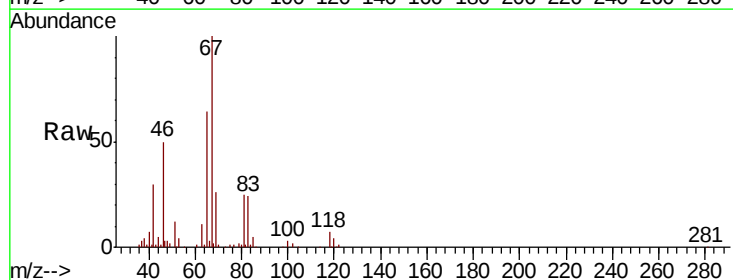
Instrument :
MSVOA_U
ClientSampleId :

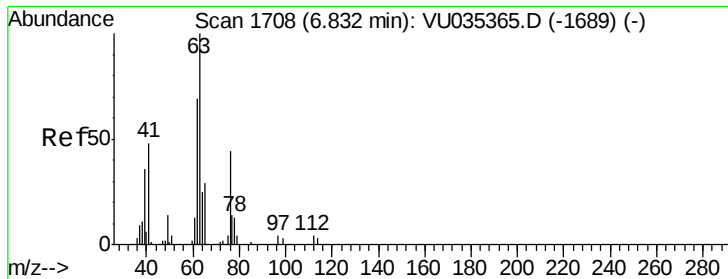
Tot Ion: 83 Resp: 10163
Ion Ratio Lower Upper
83 100
85 73.0 45.1 83.9



#35
Methylcyclohexane
Concen: 0.708 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035374.D
Acq: 22 Oct 2019 19:38

Tgt Ion: 83 Resp: 24577
Ion Ratio Lower Upper
83 100
55 0.3 60.4 90.6#
98 1.2 39.5 59.3#

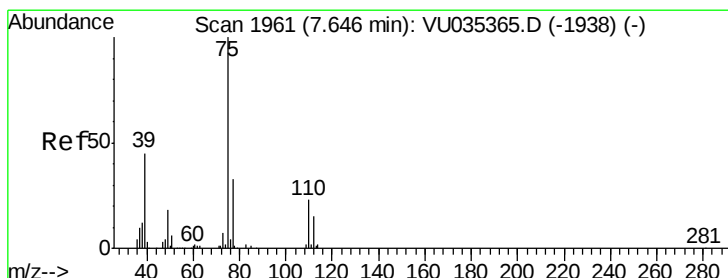
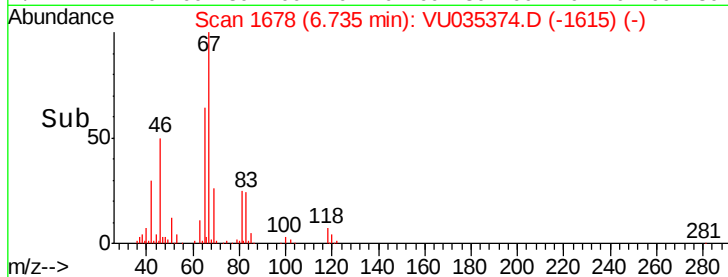
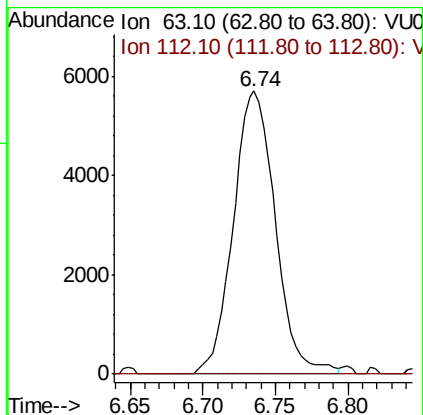
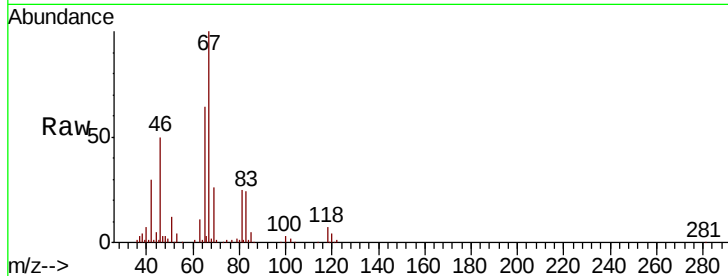




#37
 1,2-Dichloropropane
 Concen: 0.586 ug/L
 RT: 6.74 min Scan# 1678
 Delta R.T. -0.10 min
 Lab File: VU035374.D
 Acq: 22 Oct 2019 19:38

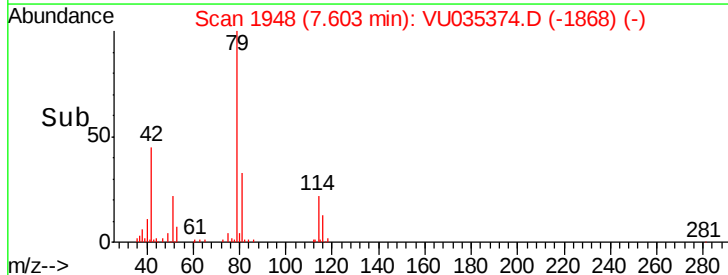
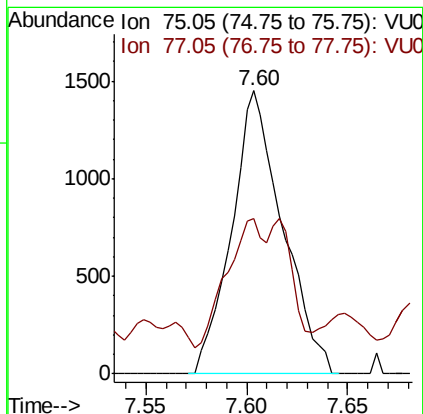
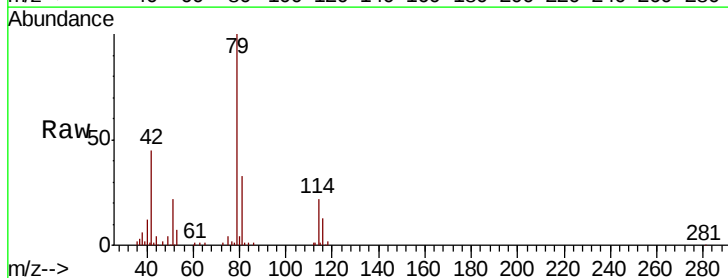
Instrument :
 MSVOA_U
 ClientSampleId :

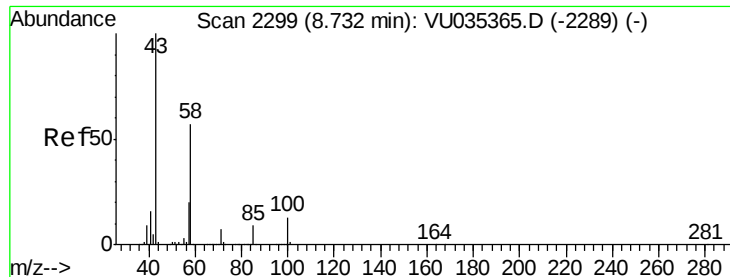
Tot Ion: 63 Resp: 11489
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.078 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
 Lab File: VU035374.D
 Acq: 22 Oct 2019 19:38

Tgt Ion: 75 Resp: 2557
 Ion Ratio Lower Upper
 75 100
 77 54.8 22.7 42.1#

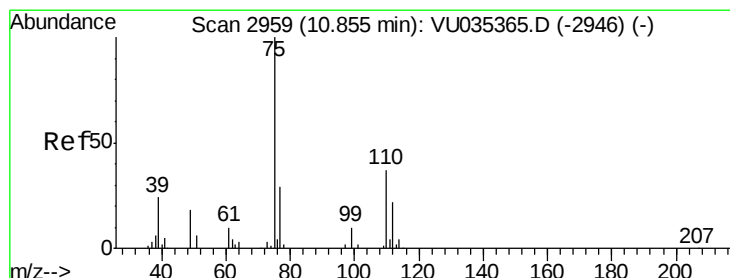
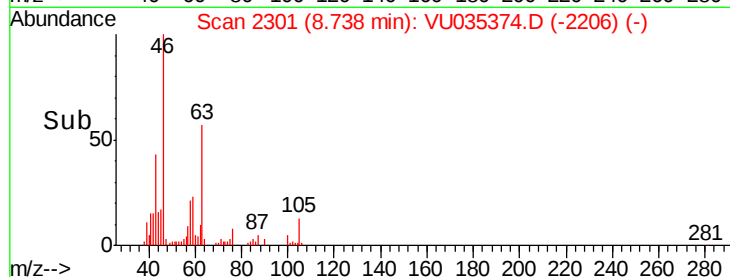
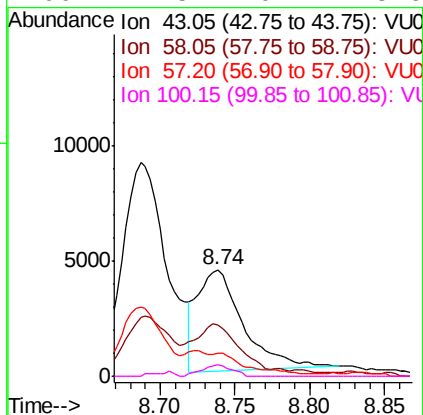
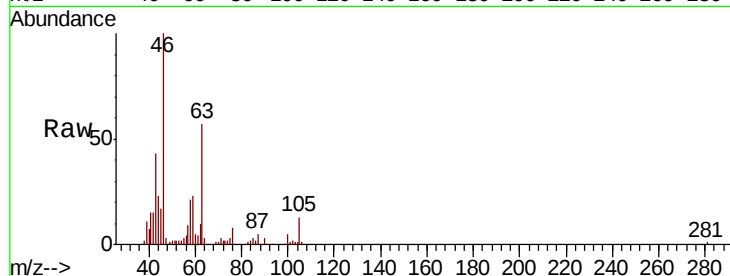




#48
 2-Hexanone
 Concen: 1.004 ug/L
 RT: 8.74 min Scan# 2301
 Delta R.T. 0.01 min
 Lab File: VU035374.D
 Acq: 22 Oct 2019 19:38

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 43 Resp: 9322
 Ion Ratio Lower Upper
 43 100
 58 47.9 45.1 67.7
 57 2.1 16.0 24.0#
 100 7.5 10.4 15.6#



#59
 1,2,3-Trichloropropane
 Concen: 0.897 ug/L
 RT: 11.84 min Scan# 3266
 Delta R.T. 0.99 min
 Lab File: VU035374.D
 Acq: 22 Oct 2019 19:38

Tgt Ion: 75 Resp: 12253
 Ion Ratio Lower Upper
 75 100
 77 39.0 26.2 39.2

