

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102319\
 Data File : VU035447.D
 Acq On : 24 Oct 2019 09:13
 Operator : JC/SP
 Sample : VIBLK40
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 24 14:22:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 24 14:19:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	205025	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	208801	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	57902	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	73960	5.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.40%
7) Chloroethane-d5	1.93	69	71873	6.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	125.80%
11) 1,1-Dichloroethene-d2	2.60	63	99892	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.40%
20) 2-Butanone-d5	4.70	46	193103	53.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.50%
24) Chloroform-d	5.11	84	134808	5.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	118.00%
26) 1,2-Dichloroethane-d4	5.75	65	76076	6.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.20%
32) Benzene-d6	5.77	84	246197	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.74	67	89321	5.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	117.80%
41) Toluene-d8	7.93	98	195577	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	8.22	79	30246	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.69	63	116746	35.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.96%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	70537	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	12.23	152	55151	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

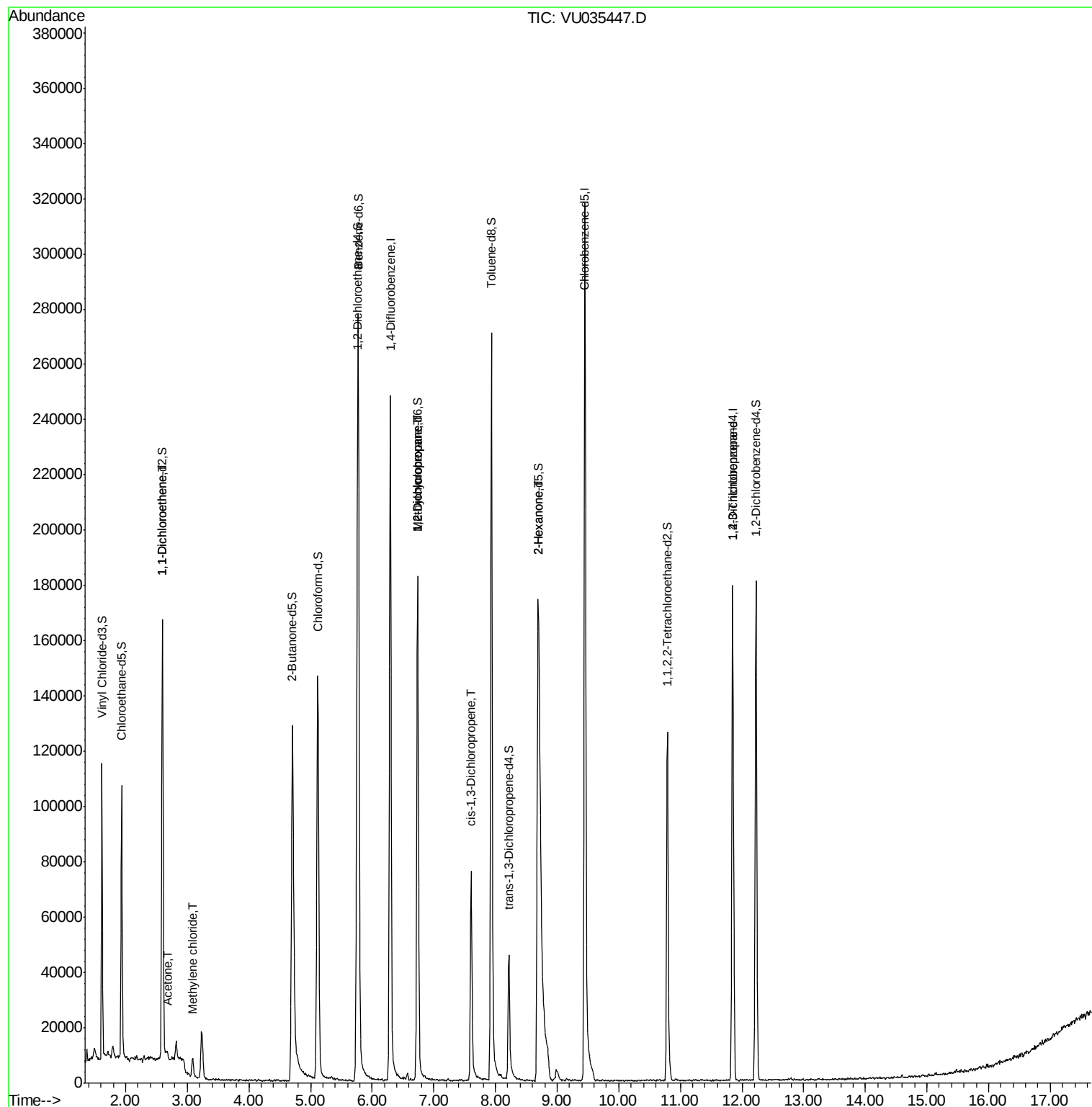
					Ovalue
12) 1,1-Dichloroethene	2.60	96	954	0.072 ug/L #	1
13) Acetone	2.67	43	2505	1.002 ug/L	92
16) Methylene chloride	3.09	84	3472	0.219 ug/L	97
35) Methylcyclohexane	6.74	83	19910	0.721 ug/L #	19
37) 1,2-Dichloropropane	6.74	63	9354	0.600 ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	2232	0.086 ug/L #	62
48) 2-Hexanone	8.69	43	12574	1.703 ug/L #	41
59) 1,2,3-Trichloropropane	11.85	75	7791	0.717 ug/L	94

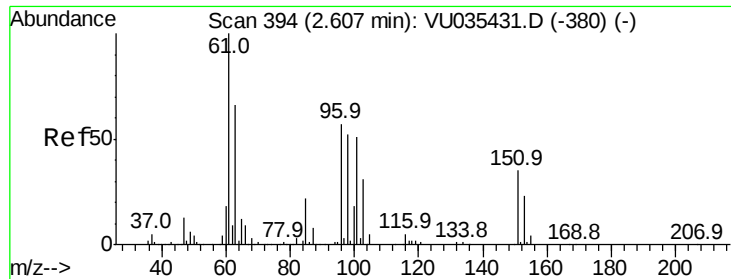
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.072 ug/L

RT: 2.60 min Scan# 391

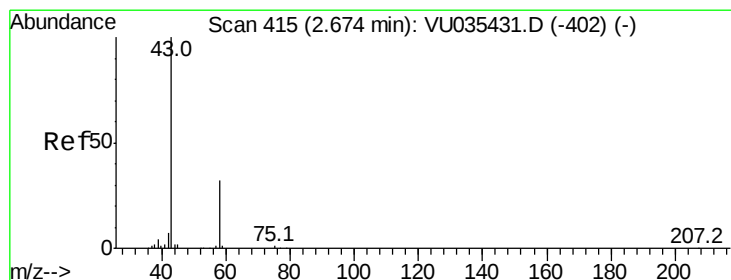
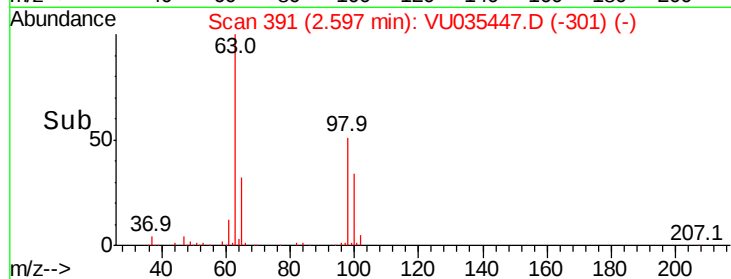
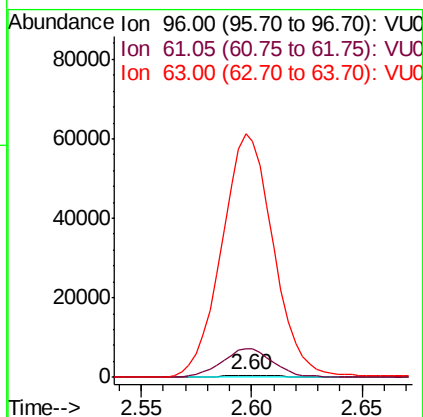
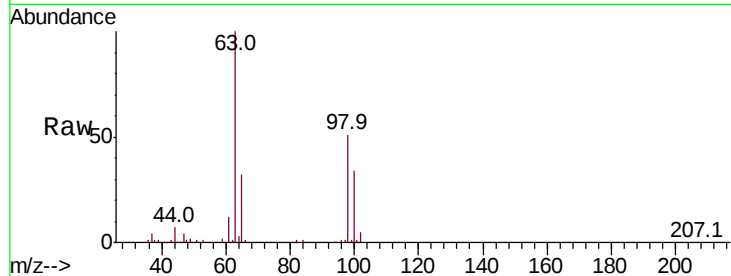
Delta R.T. -0.01 min

Lab File: VU035447.D

Acq: 24 Oct 2019 09:13

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 96 Resp: 954
Ion Ratio Lower Upper
96 100
61 1589.9 120.6 224.0#
63 13398.7 86.8 161.2#



#13

Acetone

Concen: 1.002 ug/L

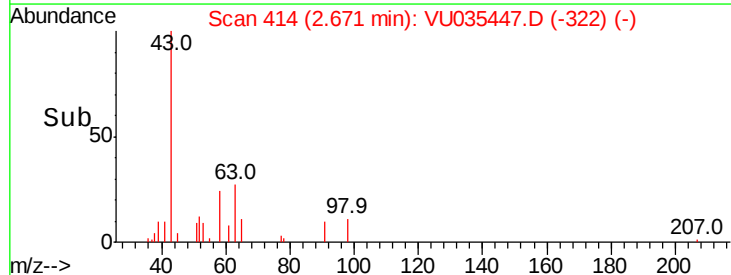
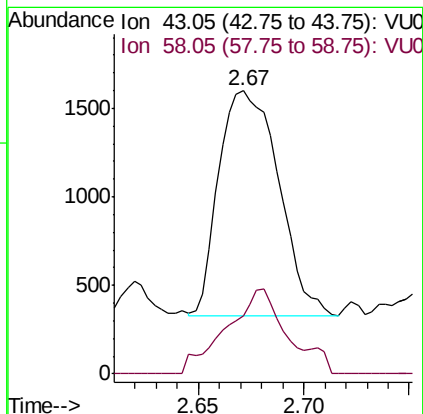
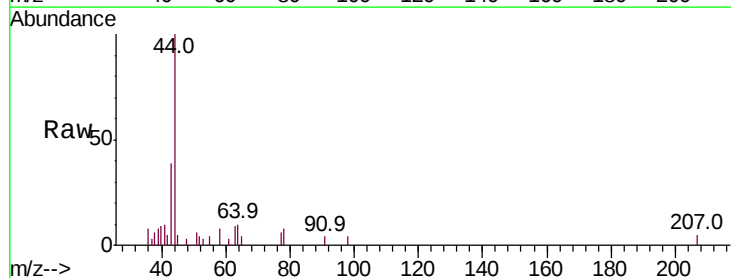
RT: 2.67 min Scan# 414

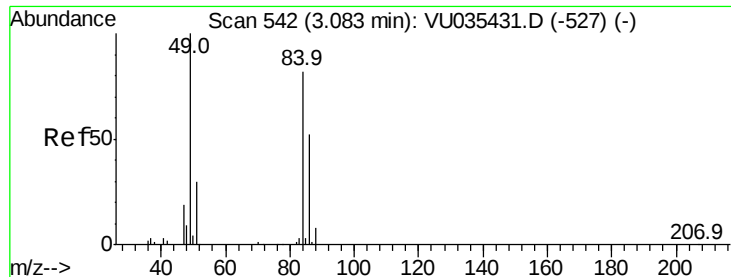
Delta R.T. -0.00 min

Lab File: VU035447.D

Acq: 24 Oct 2019 09:13

Tgt Ion: 43 Resp: 2505
Ion Ratio Lower Upper
43 100
58 35.4 0.0 61.8

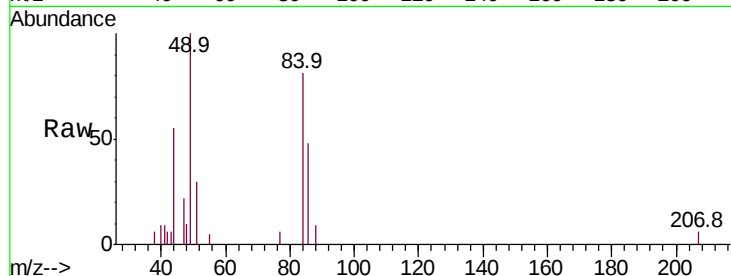




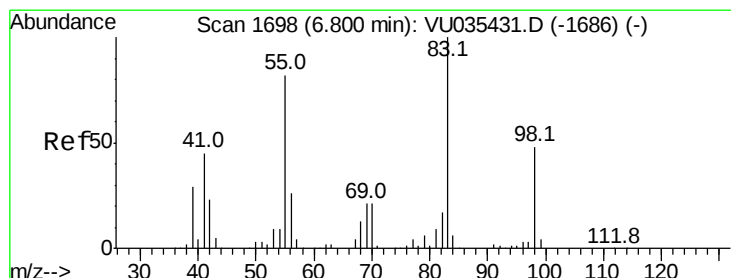
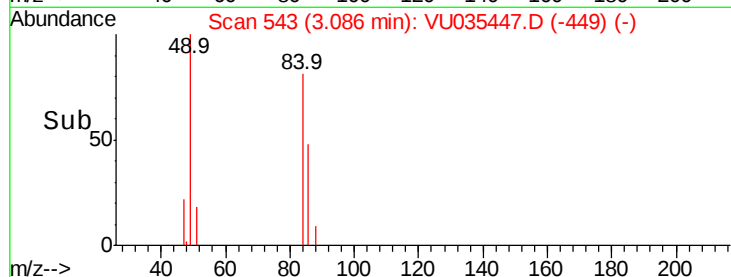
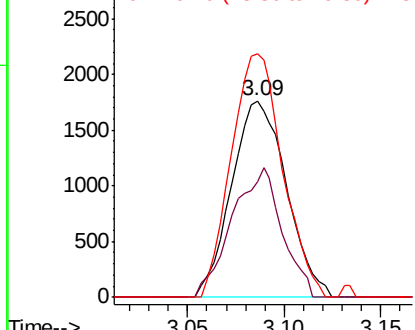
#16
Methvlene chloride
Concen: 0.219 ug/L
RT: 3.09 min Scan# 543
Delta R.T. 0.00 min
Lab File: VU035447.D
Acq: 24 Oct 2019 09:13

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 84 Resp: 3472
Ion Ratio Lower Upper
84 100
86 59.1 45.4 84.2
49 123.9 86.8 161.2

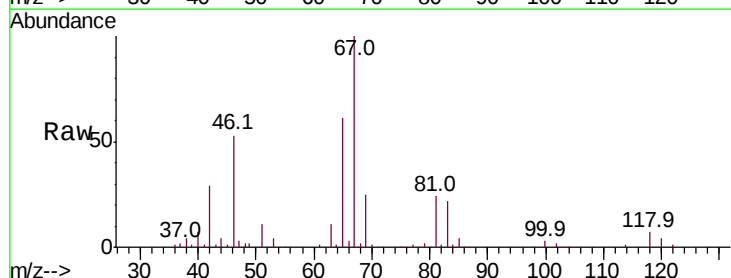


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

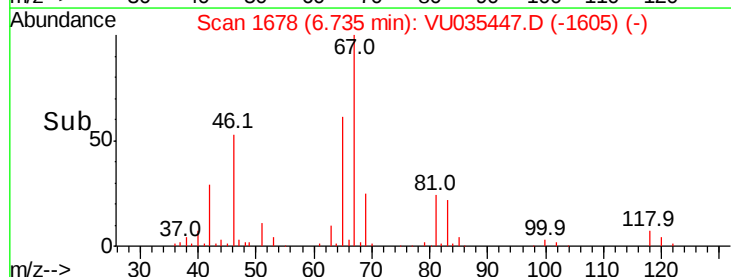
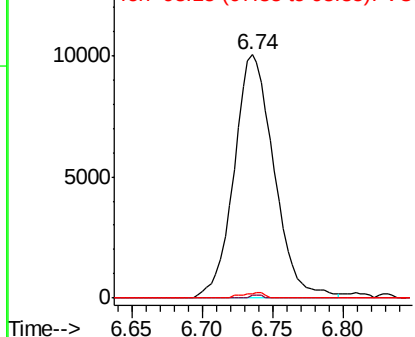


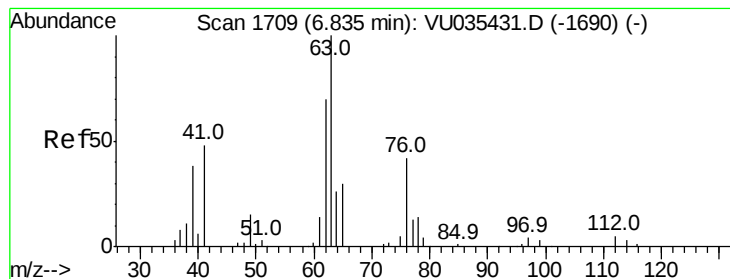
#35
Methylcyclohexane
Concen: 0.721 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035447.D
Acq: 24 Oct 2019 09:13

Tgt Ion: 83 Resp: 19910
Ion Ratio Lower Upper
83 100
55 0.4 60.4 90.6#
98 1.3 39.5 59.3#



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: 0.600 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.10 min

Lab File: VU035447.D

Acq: 24 Oct 2019 09:13

Instrument :

MSVOA_U

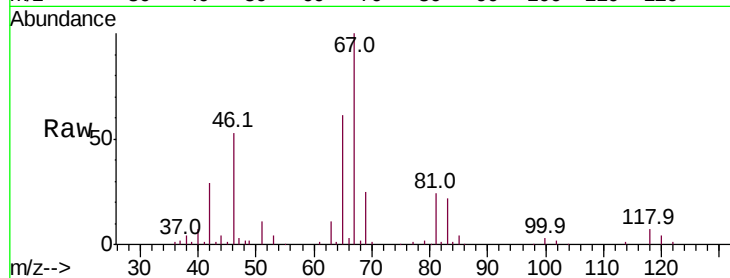
ClientSampled :

Tot Ion: 63 Resp: 9354

Ion Ratio Lower Upper

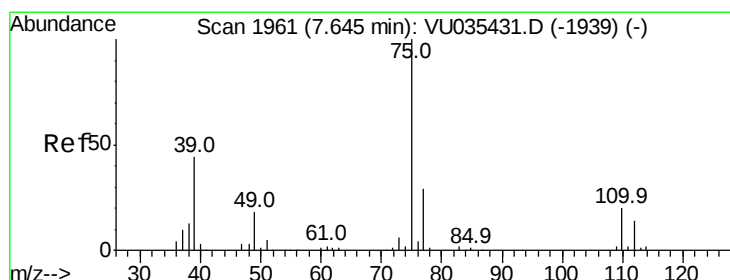
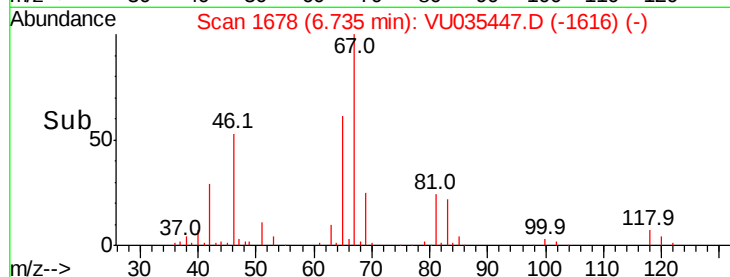
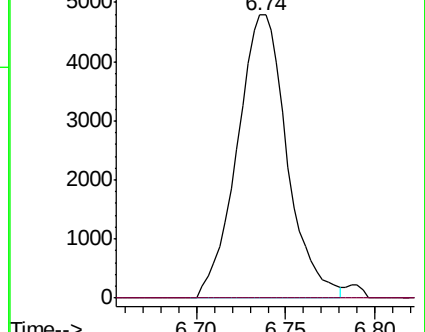
63 100

112 0.2 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VU035431.D (-1690) (-)

Ion 112.10 (111.80 to 112.80): VU035431.D (-1690) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 7.60 min Scan# 1948

Delta R.T. -0.04 min

Lab File: VU035447.D

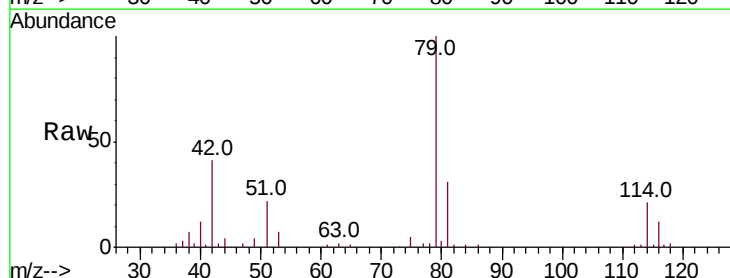
Acq: 24 Oct 2019 09:13

Tgt Ion: 75 Resp: 2232

Ion Ratio Lower Upper

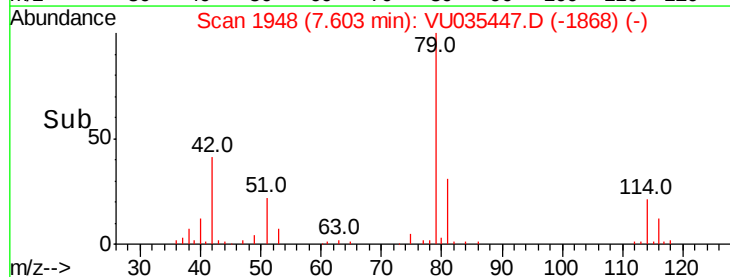
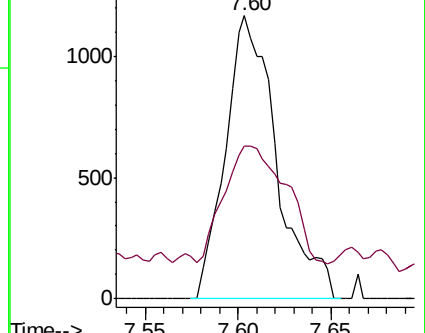
75 100

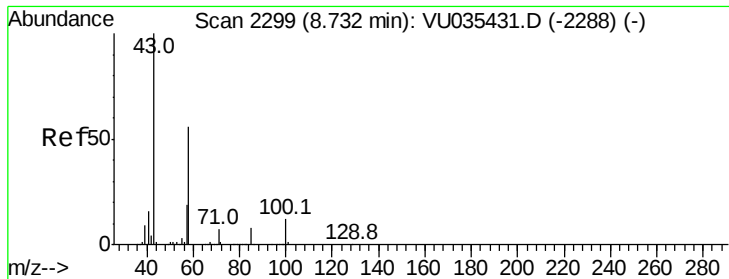
77 53.9 22.7 42.1#



Abundance Ion 75.05 (74.75 to 75.75): VU035431.D (-1939) (-)

Ion 77.05 (76.75 to 77.75): VU035431.D (-1939) (-)

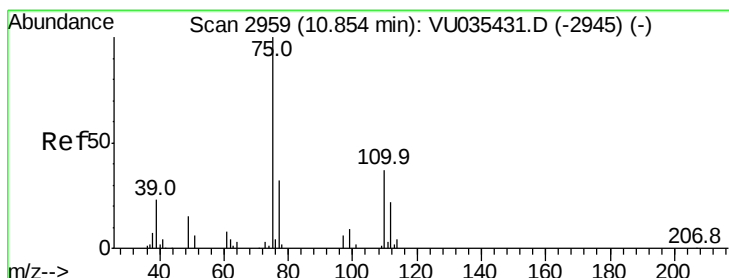
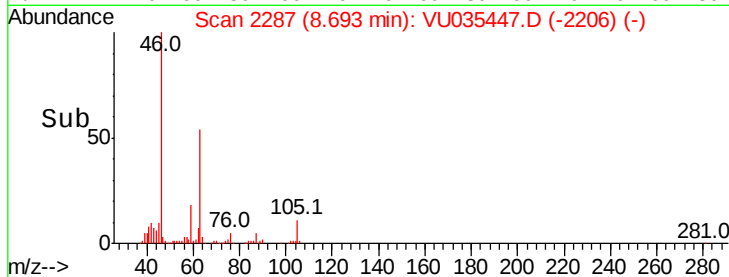
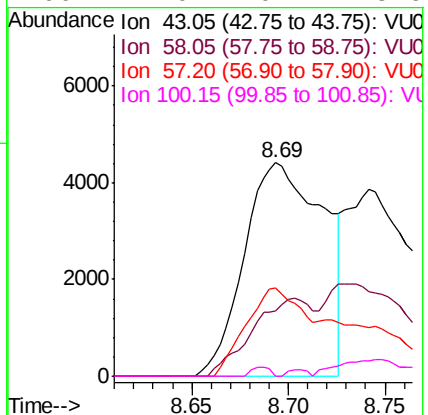
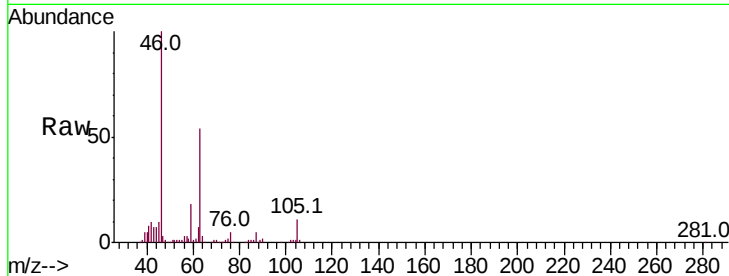




#48
 2-Hexanone
 Concen: 1.703 ug/L
 RT: 8.69 min Scan# 2287
 Delta R.T. -0.04 min
 Lab File: VU035447.D
 Acq: 24 Oct 2019 09:13

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 43 Resp: 12574
 Ion Ratio Lower Upper
 43 100
 58 0.0 45.1 67.7#
 57 31.5 16.0 24.0#
 100 1.0 10.4 15.6#



#59
 1,2,3-Trichloropropane
 Concen: 0.717 ug/L
 RT: 11.85 min Scan# 3269
 Delta R.T. 1.00 min
 Lab File: VU035447.D
 Acq: 24 Oct 2019 09:13

Tgt Ion: 75 Resp: 7791
 Ion Ratio Lower Upper
 75 100
 77 36.1 26.2 39.2

