

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120219\
 Data File : VU035932.D
 Acq On : 02 Dec 2019 14:31
 Operator : JC/SP
 Sample : K6061-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 02 18:13:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Dec 02 18:11:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	229537	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	263021	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	75293	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	191391	6.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	127.60%
7) Chloroethane-d5	1.93	69	153509	5.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.20%
11) 1,1-Dichloroethene-d2	2.59	63	208672	3.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.80%
20) 2-Butanone-d5	4.69	46	240772	34.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.40%
24) Chloroform-d	5.11	84	242921	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.75	65	135020	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.77	84	499443	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.73	67	162139	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.93	98	410630	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	8.22	79	58731	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.69	63	222445	42.06	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.12%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	128918	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	95711	5.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.00%

Target Compounds

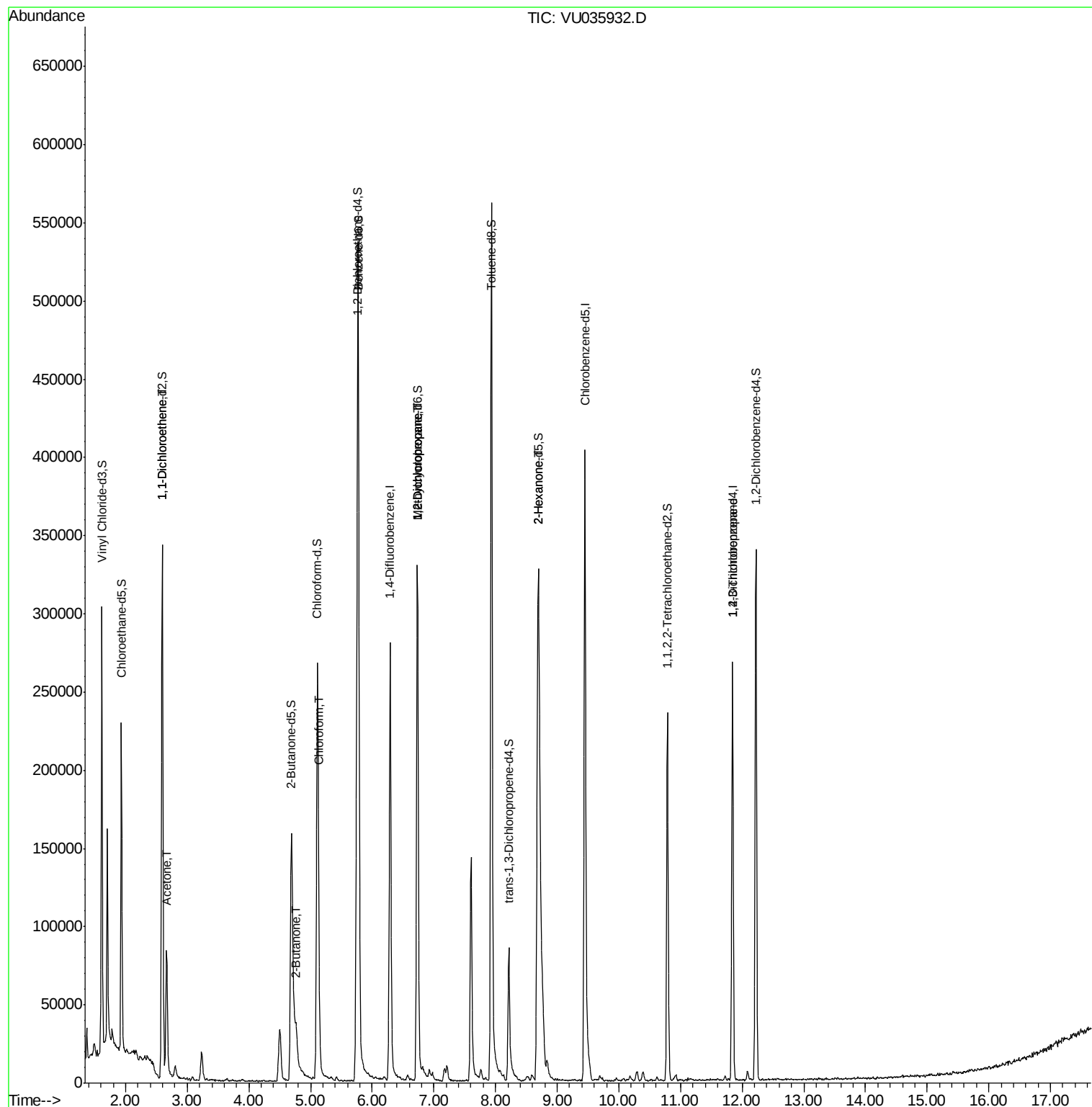
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	1707	0.071	ug/L #	1
13) Acetone	2.66	43	93252	15.301	ug/L	93
21) 2-Butanone	4.77	43	36202	4.694	ug/L	97
25) Chloroform	5.14	83	18713	0.364	ug/L	97
35) Methylcyclohexane	6.73	83	35363	0.895	ug/L #	17
37) 1,2-Dichloropropane	6.73	63	16986	0.545	ug/L #	91
48) 2-Hexanone	8.69	43	22353	1.588	ug/L #	71
59) 1,2,3-Trichloropropane	11.84	75	9652	0.477	ug/L #	84

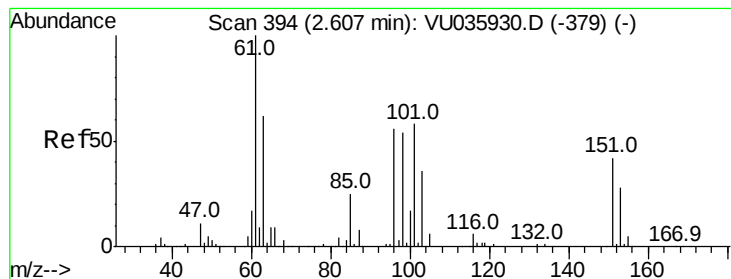
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Dec 02 18:11:23 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.071 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU035932.D

Acq: 02 Dec 2019 14:31

Instrument :

MSVOA_U

ClientSampleId :

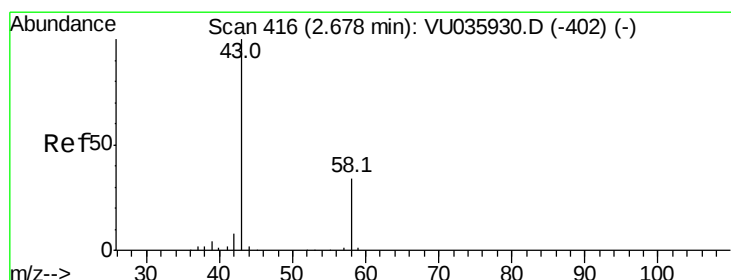
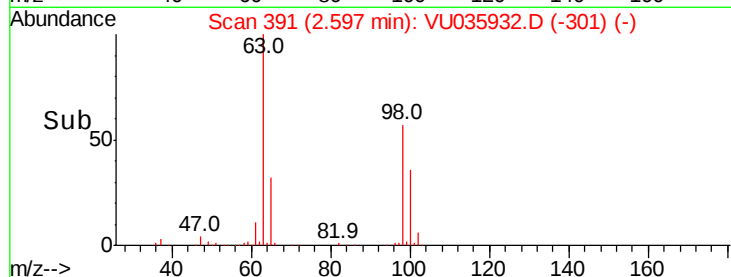
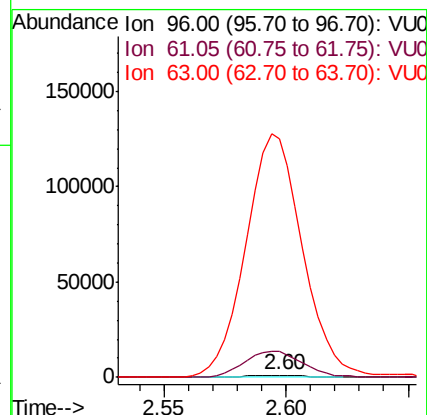
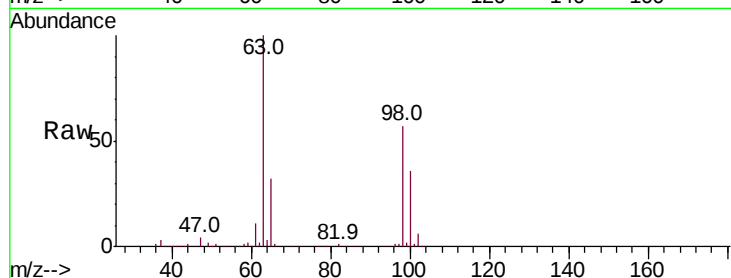
Tot Ion: 96 Resp: 1707

Ion Ratio Lower Upper

96 100

61 1439.0 139.3 258.7#

63 13442.6 93.7 174.1#



#13

Acetone

Concen: 15.301 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.00 min

Lab File: VU035932.D

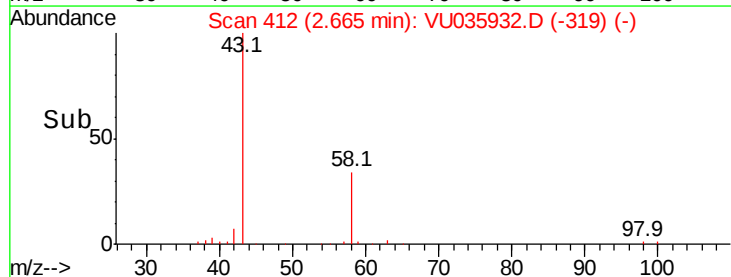
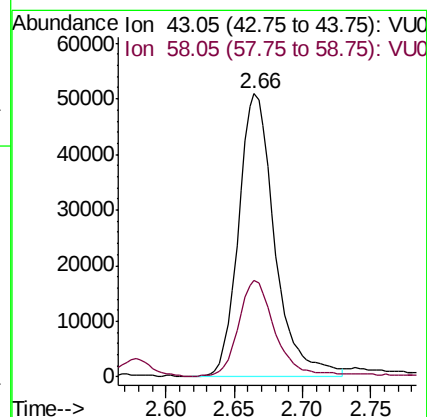
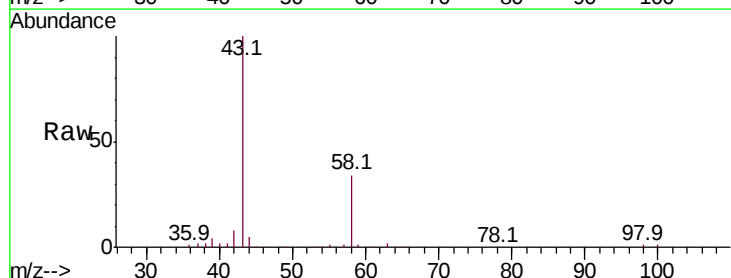
Acq: 02 Dec 2019 14:31

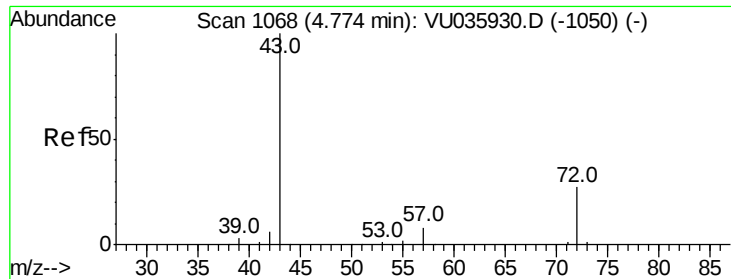
Tgt Ion: 43 Resp: 93252

Ion Ratio Lower Upper

43 100

58 34.3 0.0 61.2





#21

2-Butanone

Concen: 4.694 ug/L

RT: 4.77 min Scan# 1067

Delta R.T. 0.01 min

Lab File: VU035932.D

Acq: 02 Dec 2019 14:31

Instrument :

MSVOA_U

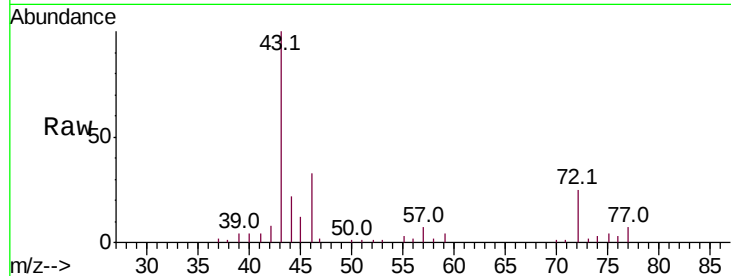
ClientSampleId :

Tot Ion: 43 Resp: 36202

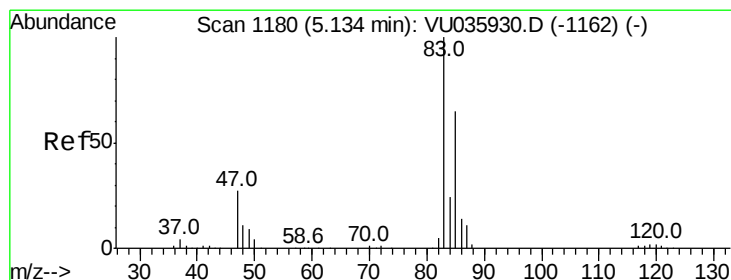
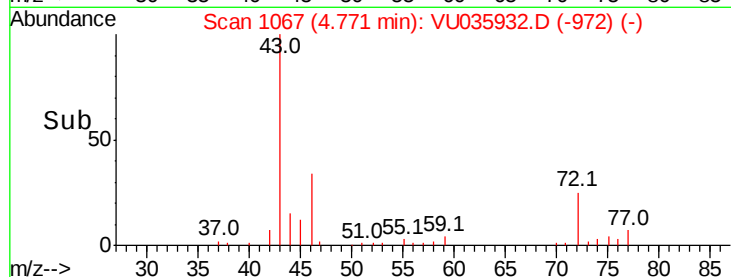
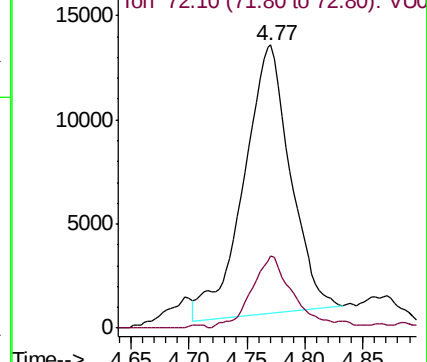
Ion Ratio Lower Upper

43 100

72 23.5 12.4 37.4



Abundance Ion 43.05 (42.75 to 43.75): VU035932.D (-1067) (-)



#25

Chloroform

Concen: 0.364 ug/L

RT: 5.14 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VU035932.D

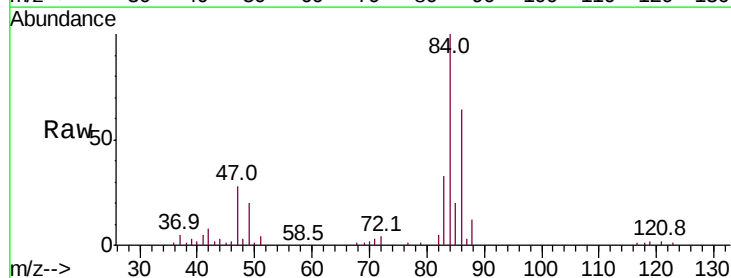
Acq: 02 Dec 2019 14:31

Tgt Ion: 83 Resp: 18713

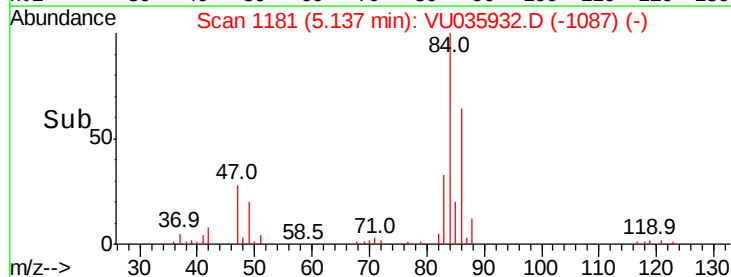
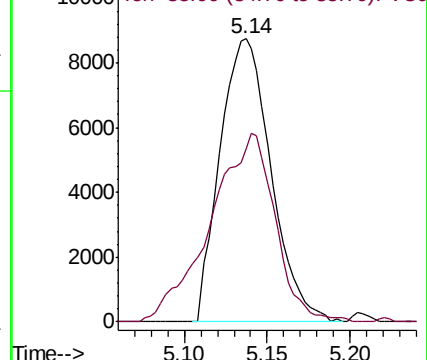
Ion Ratio Lower Upper

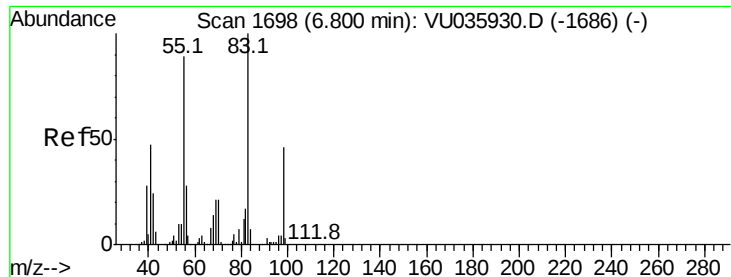
83 100

85 61.4 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VU035932.D (-1180) (-)





#35

Methylcyclohexane

Concen: 0.895 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU035932.D

Acq: 02 Dec 2019 14:31

Instrument :

MSVOA_U

ClientSampled :

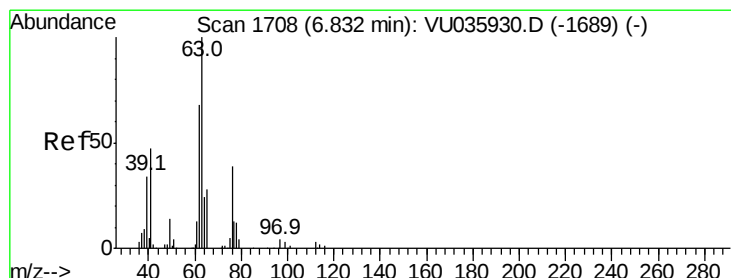
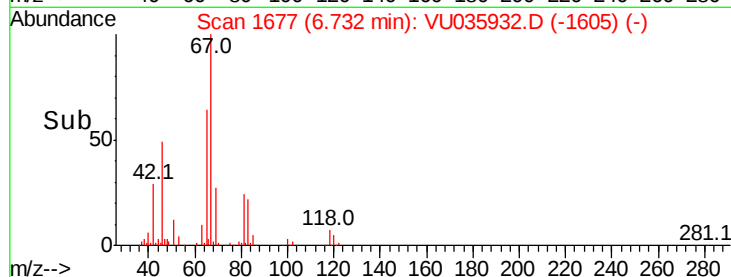
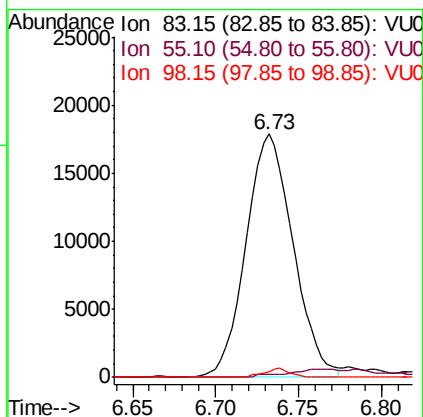
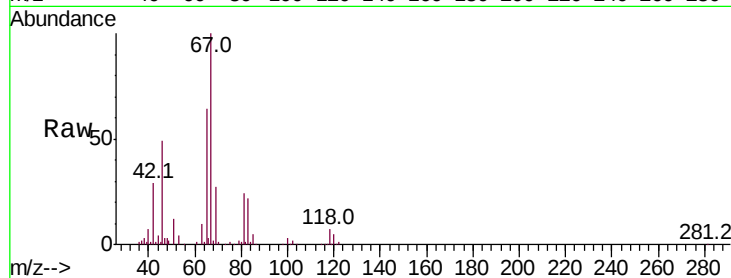
Tot Ion: 83 Resp: 35363

Ion Ratio Lower Upper

83 100

55 3.8 72.7 109.1#

98 1.9 36.2 54.4#



#37

1,2-Dichloropropane

Concen: 0.545 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.10 min

Lab File: VU035932.D

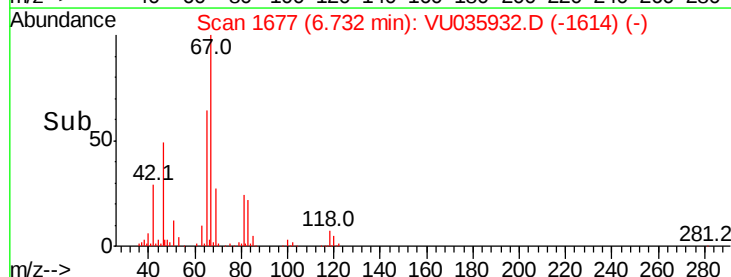
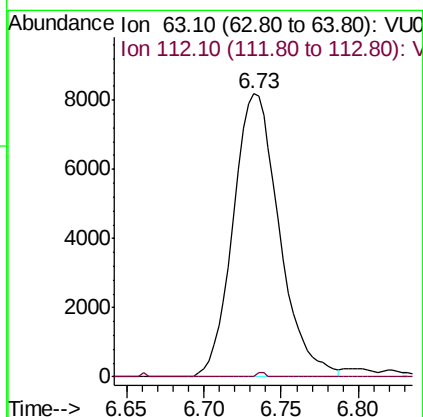
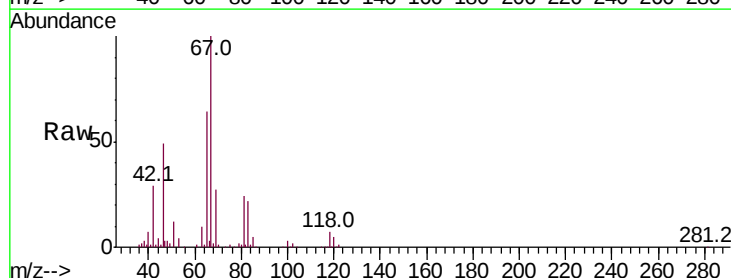
Acq: 02 Dec 2019 14:31

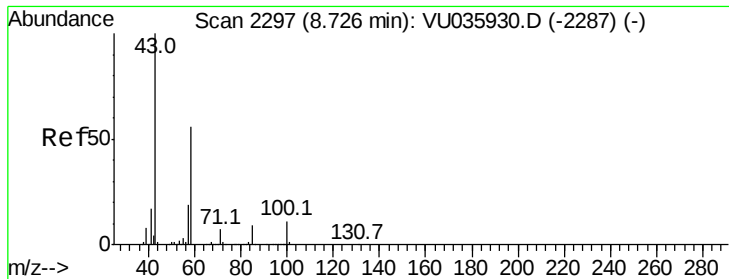
Tgt Ion: 63 Resp: 16986

Ion Ratio Lower Upper

63 100

112 0.3 2.7 4.1#

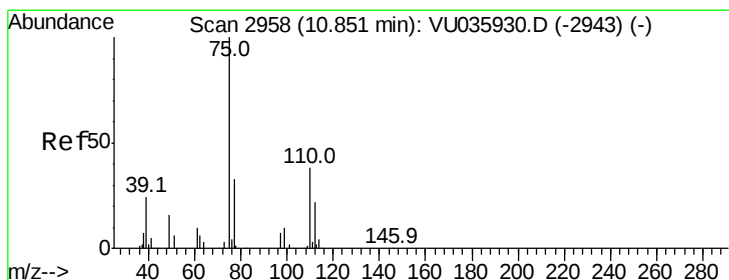
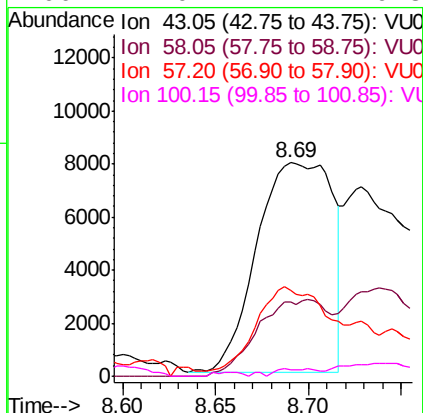
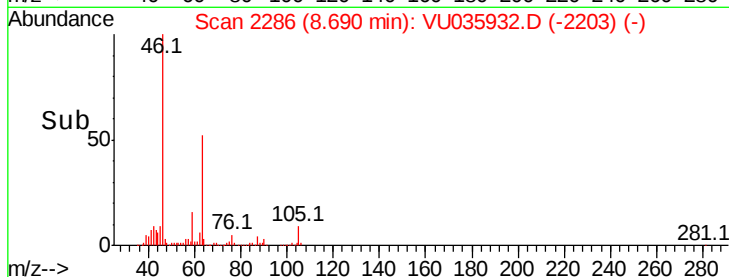
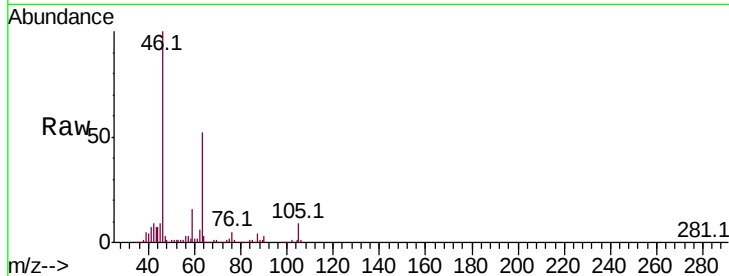




#48
2-Hexanone
Concen: 1.588 ug/L
RT: 8.69 min Scan# 2286
Delta R.T. -0.03 min
Lab File: VU035932.D
Acq: 02 Dec 2019 14:31

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 22353
Ion Ratio Lower Upper
43 100
58 33.8 39.8 59.8#
57 38.9 14.0 21.0#
100 1.0 7.2 10.8#



#59
1,2,3-Trichloropropane
Concen: 0.477 ug/L
RT: 11.84 min Scan# 3266
Delta R.T. 0.99 min
Lab File: VU035932.D
Acq: 02 Dec 2019 14:31

Tgt Ion: 75 Resp: 9652
Ion Ratio Lower Upper
75 100
77 40.4 25.4 38.2#

