

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102819\
 Data File : VU035531.D
 Acq On : 28 Oct 2019 12:32
 Operator : JC/SP
 Sample : K5567-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 30 04:21:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 30 04:18:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	217291	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	232204	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	85225	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	112774	3.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.20%
7) Chloroethane-d5	1.93	69	98555	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.00%
11) 1,1-Dichloroethene-d2	2.59	63	139189	2.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.80%#
20) 2-Butanone-d5	4.70	46	254690	44.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.06%
24) Chloroform-d	5.11	84	184342	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.75	65	97374	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
32) Benzene-d6	5.77	84	359840	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.74	67	121946	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.93	98	301837	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%
43) trans-1,3-Dichloropropene-	8.22	79	43956	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.70	63	187716	46.88	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.76%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	93958	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	85364	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

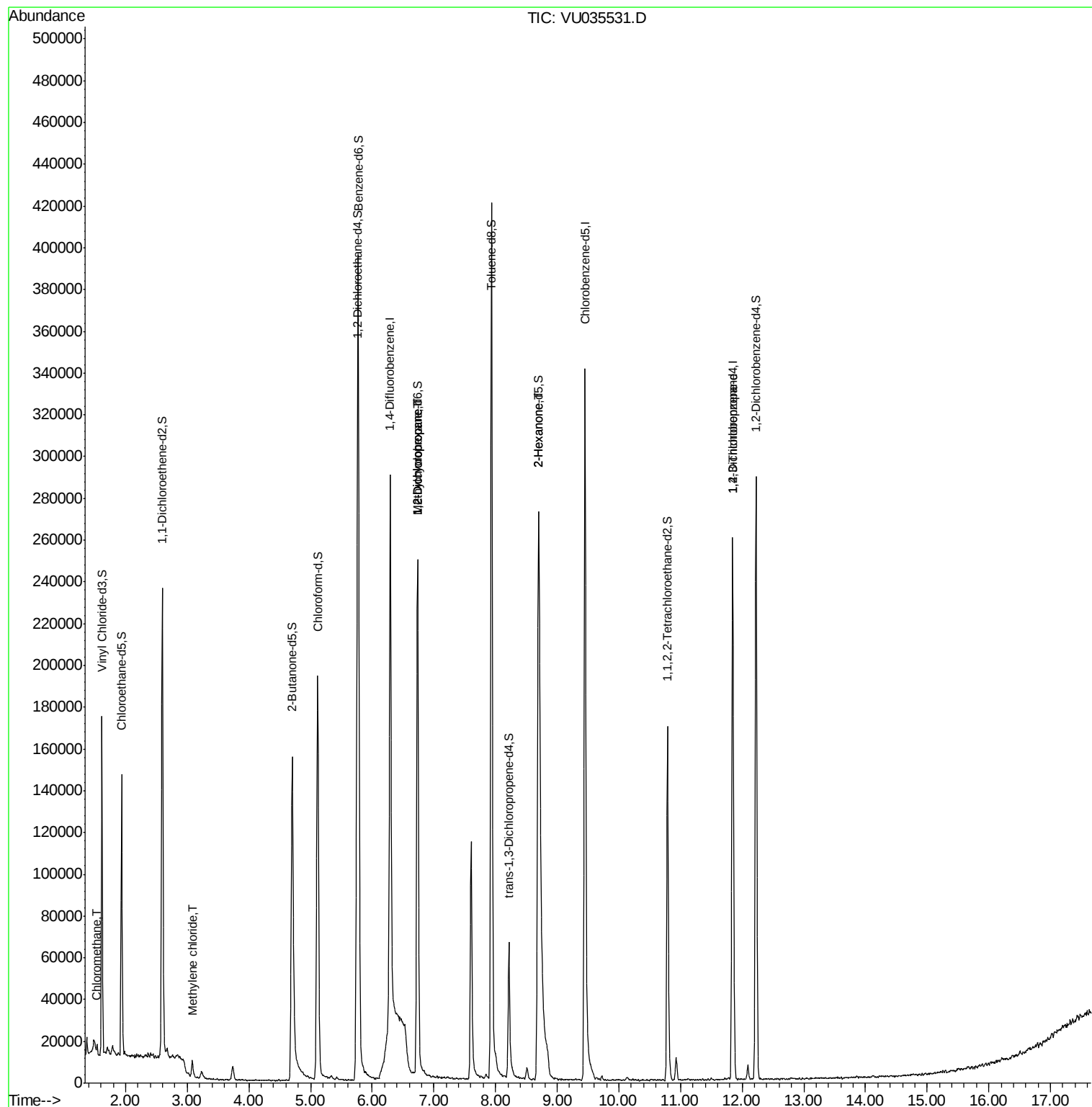
					Ovalue
3) Chloromethane	1.54	50	3334	0.097 ug/L	95
16) Methylene chloride	3.08	84	3373	0.126 ug/L	97
35) Methylcyclohexane	6.74	83	27745	0.789 ug/L #	16
37) 1,2-Dichloropropane	6.73	63	13422	0.549 ug/L #	86
48) 2-Hexanone	8.70	43	16995	1.747 ug/L #	50
59) 1,2,3-Trichloropropane	11.84	75	10286	0.657 ug/L	98

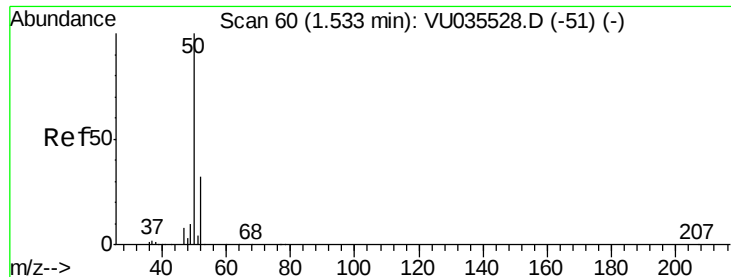
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.097 ug/L

RT: 1.54 min Scan# 62

Delta R.T. 0.01 min

Lab File: VU035531.D

Acq: 28 Oct 2019 12:32

Instrument :

MSVOA_U

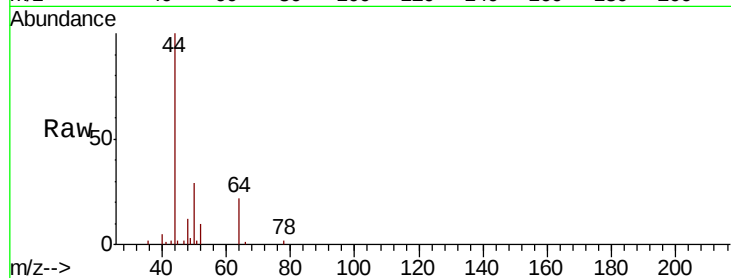
ClientSampleId :

Tot Ion: 50 Resp: 3334

Ion Ratio Lower Upper

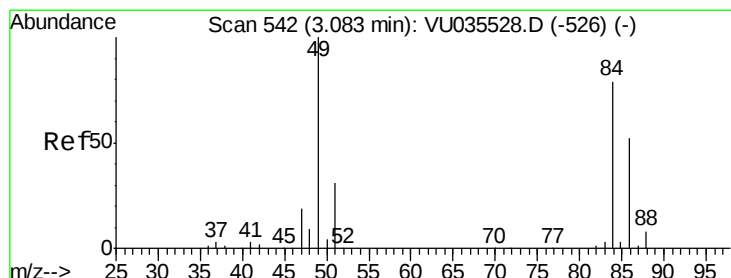
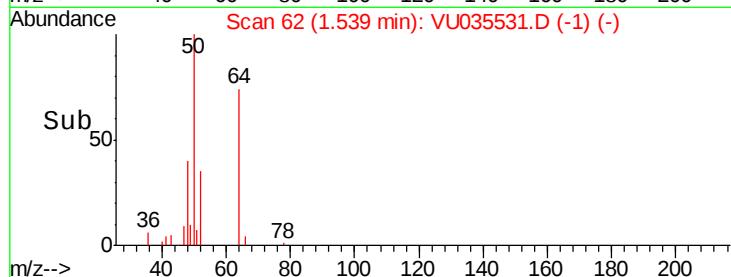
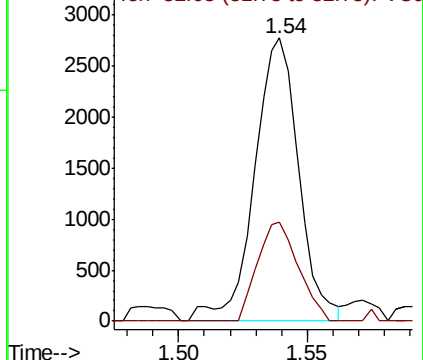
50 100

52 35.1 22.7 42.3



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#16

Methylene chloride

Concen: 0.126 ug/L

RT: 3.08 min Scan# 542

Delta R.T. -0.00 min

Lab File: VU035531.D

Acq: 28 Oct 2019 12:32

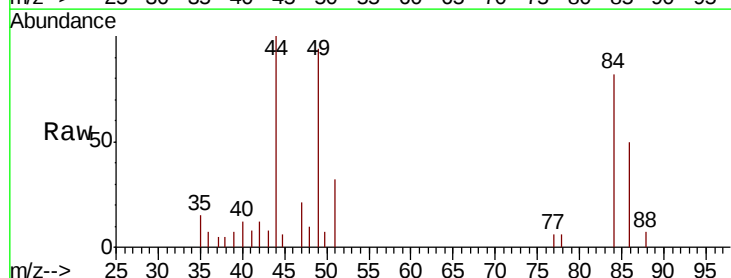
Tgt Ion: 84 Resp: 3373

Ion Ratio Lower Upper

84 100

86 60.7 43.7 81.1

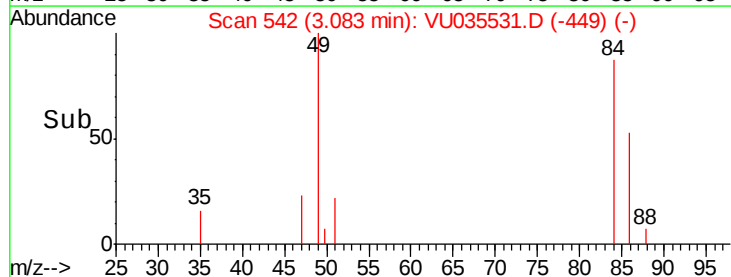
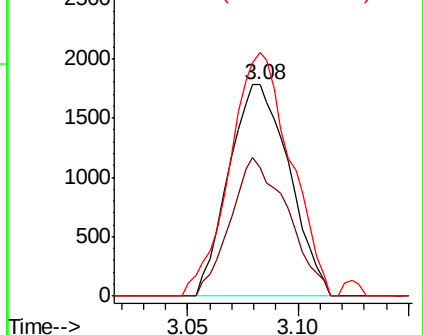
49 123.4 89.5 166.3

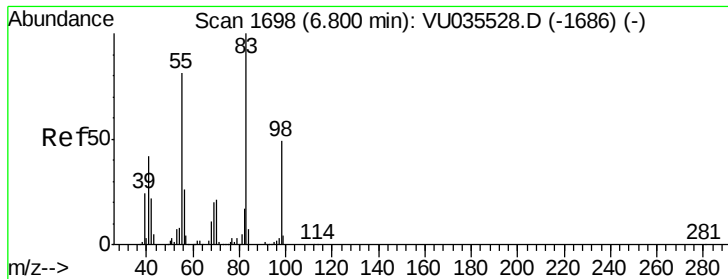


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0





#35

Methylcyclohexane

Concen: 0.789 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.06 min

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Acq: 28 Oct 2019 12:32

Instrument :

MSVOA_U

ClientSampleId :

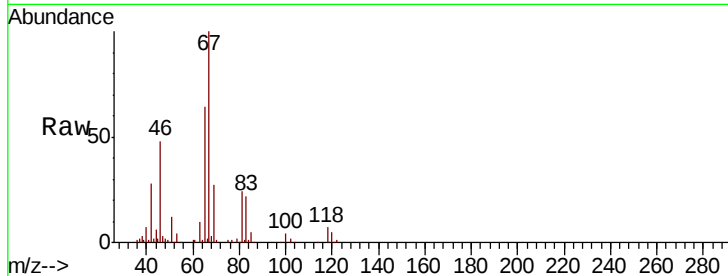
Tot Ion: 83 Resp: 27745

Ion Ratio Lower Upper

83 100

55 0.4 67.3 100.9#

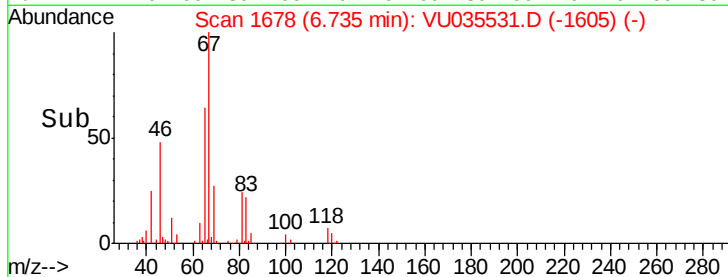
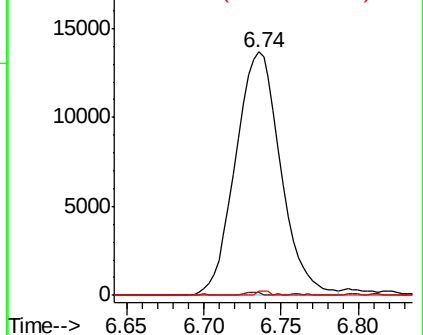
98 0.5 39.0 58.6#



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: 0.549 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.10 min

Lab File: VU035531.D

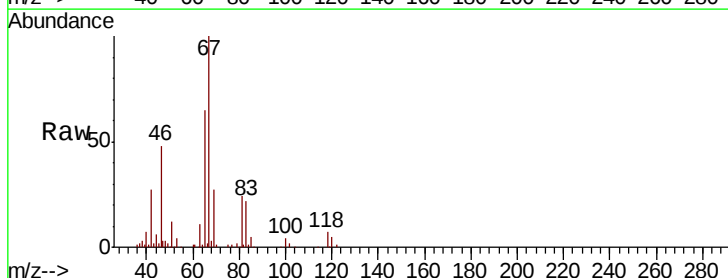
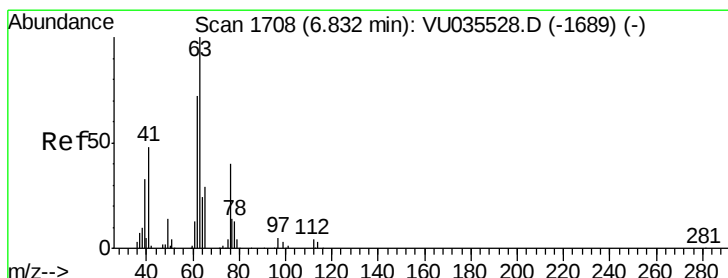
Acq: 28 Oct 2019 12:32

Tgt Ion: 63 Resp: 13422

Ion Ratio Lower Upper

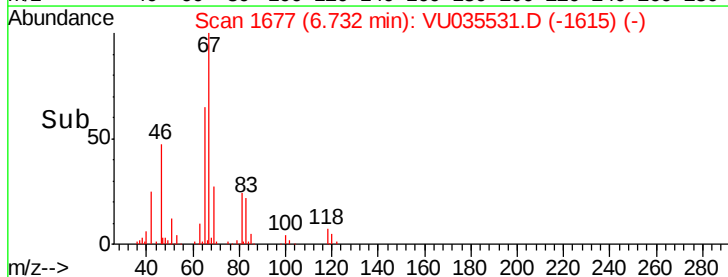
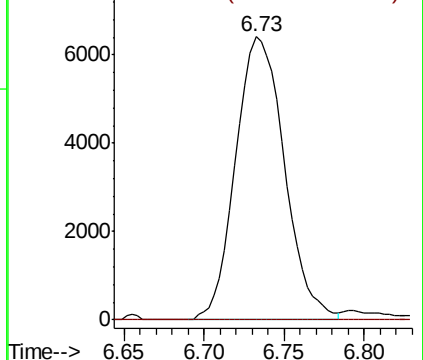
63 100

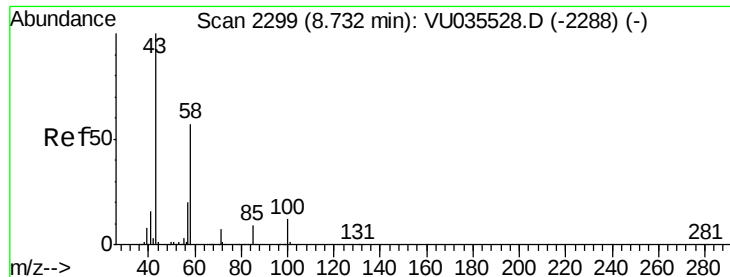
112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V

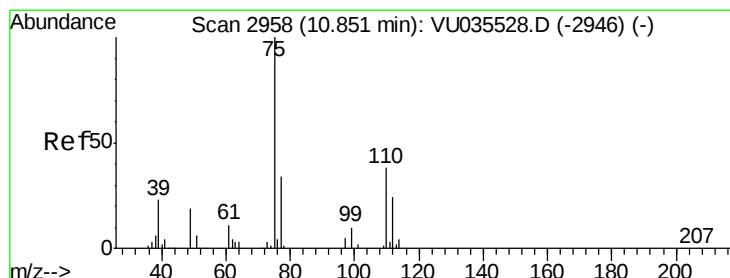
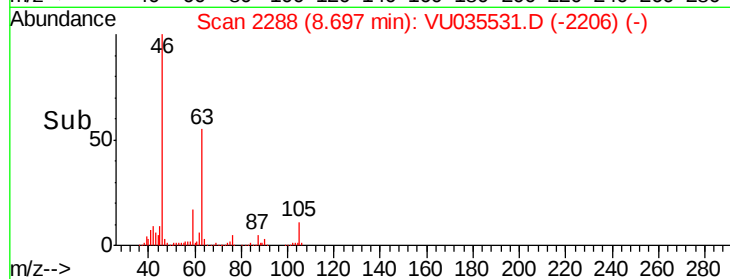
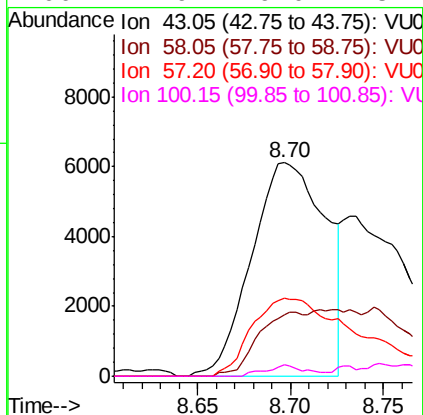
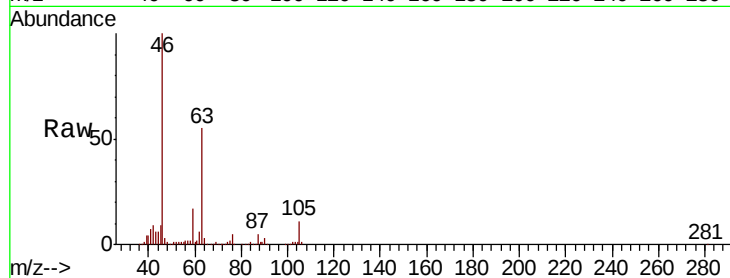




#48
2-Hexanone
Concen: 1.747 ug/L
RT: 8.70 min Scan# 2288
Delta R.T. -0.04 min
Lab File: VU035531.D
Acq: 28 Oct 2019 12:32

Instrument :
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ClientSampleId :

Tot Ion: 43 Resp: 16995
Ion Ratio Lower Upper
43 100
58 20.0 43.1 64.7#
57 51.3 14.2 21.2#
100 2.9 9.0 13.4#



#59
1,2,3-Trichloropropane
Concen: 0.657 ug/L
RT: 11.84 min Scan# 3267
Delta R.T. 0.99 min
Lab File: VU035531.D
Acq: 28 Oct 2019 12:32

Tgt Ion: 75 Resp: 10286
Ion Ratio Lower Upper
75 100
77 35.3 27.4 41.0

