

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102219\
 Data File : VU035352.D
 Acq On : 22 Oct 2019 09:52
 Operator : JC/SP
 Sample : K5419-20
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 23 06:51:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 23 06:48:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	276465	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	280933	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	110834	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	72227	4.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.60%
7) Chloroethane-d5	1.93	69	71386	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.59	63	99729	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	4.72	46	283586	58.54	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.08%
24) Chloroform-d	5.11	84	156400	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	5.75	65	90678	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.77	84	291409	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.74	67	103637	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.93	98	251070	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
43) trans-1,3-Dichloropropene-	8.22	79	41510	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.69	63	221207	50.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.34%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	94661	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	95249	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

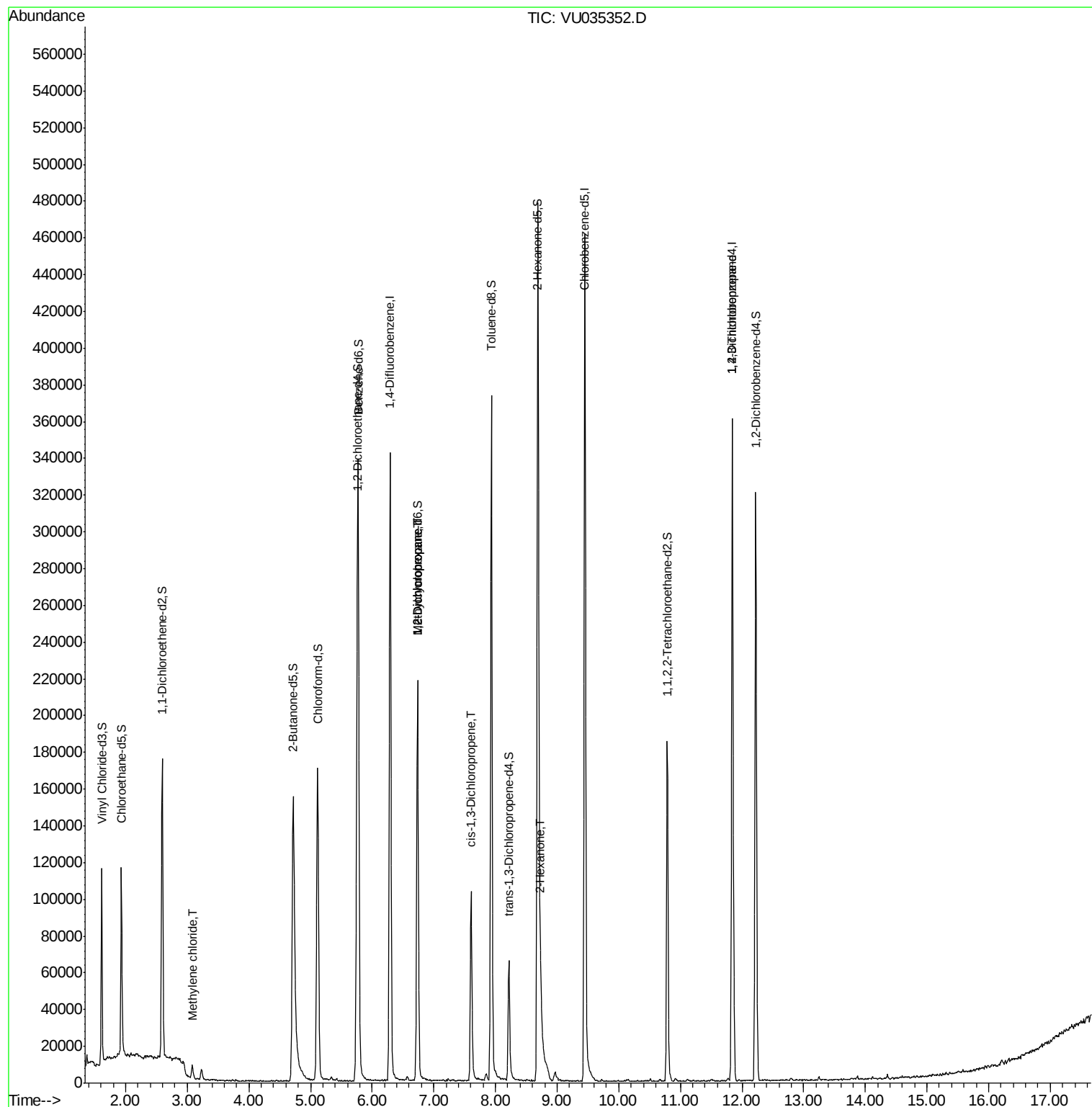
					Ovalue
16) Methylene chloride	3.08	84	3593	0.168 ug/L	95
35) Methylcyclohexane	6.74	83	23711	0.638 ug/L #	19
37) 1,2-Dichloropropane	6.74	63	11273	0.537 ug/L #	86
39) cis-1,3-Dichloropropene	7.61	75	2843	0.081 ug/L #	53
48) 2-Hexanone	8.74	43	13574	1.366 ug/L #	87
59) 1,2,3-Trichloropropane	11.84	75	13171	0.901 ug/L	89

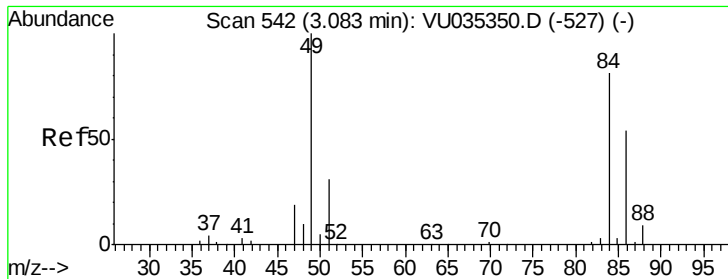
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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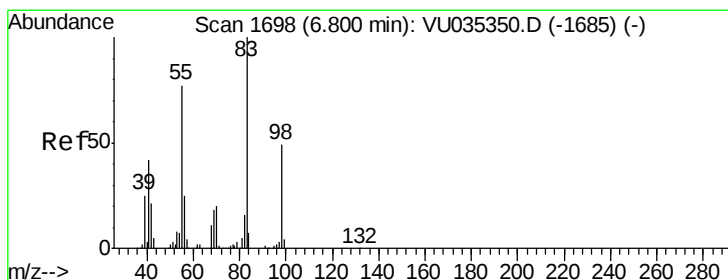
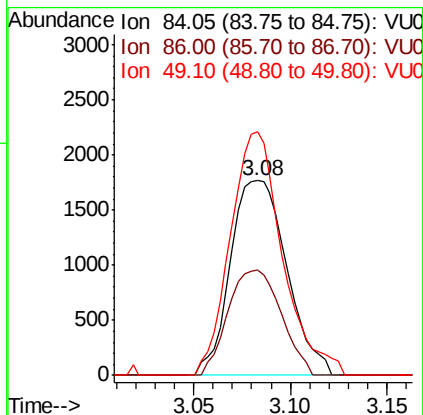
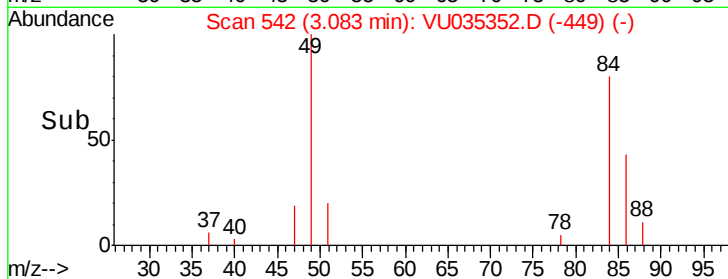
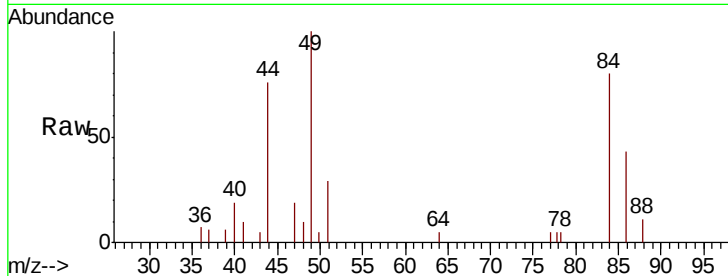




#16
Methylene chloride
Concen: 0.168 ug/L
RT: 3.08 min Scan# 542
Delta R.T. -0.00 min
Lab File: VU035352.D
Acq: 22 Oct 2019 09:52

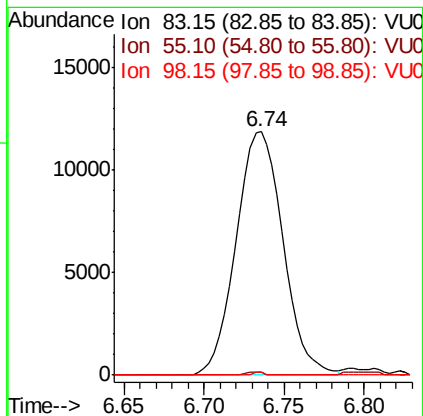
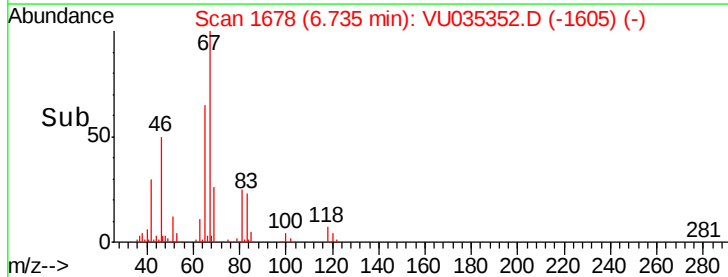
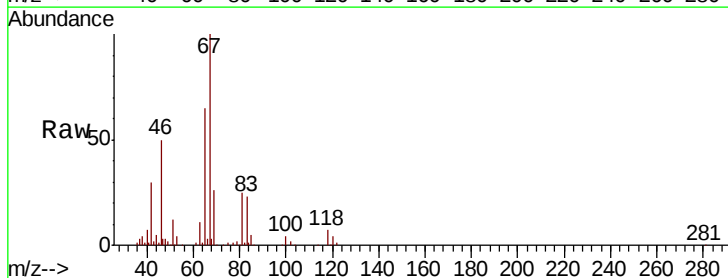
Instrument :
MSVOA_U
ClientSampleId :

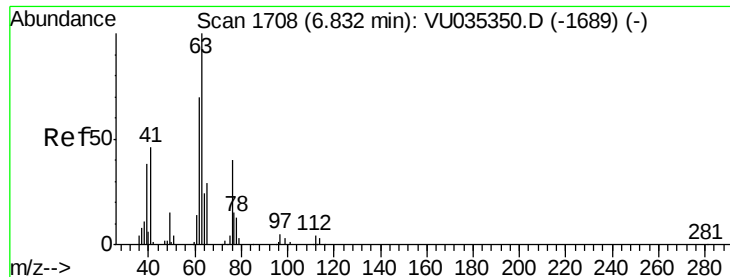
Tot Ion: 84 Resp: 3593
Ion Ratio Lower Upper
84 100
86 53.8 45.4 84.2
49 124.9 86.8 161.2



#35
Methylcyclohexane
Concen: 0.638 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035352.D
Acq: 22 Oct 2019 09:52

Tgt Ion: 83 Resp: 23711
Ion Ratio Lower Upper
83 100
55 0.4 60.4 90.6#
98 0.3 39.5 59.3#

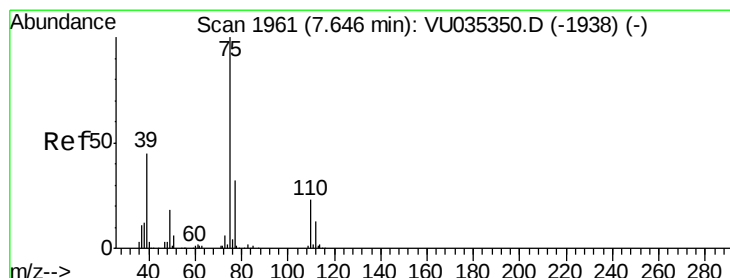
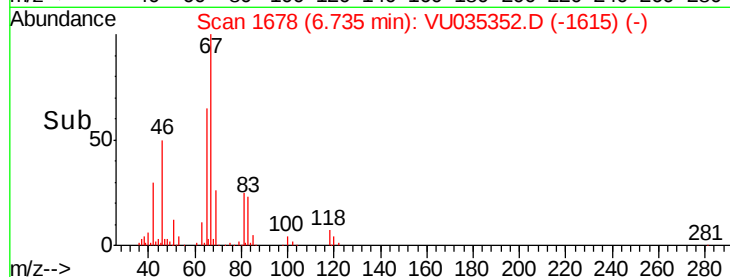
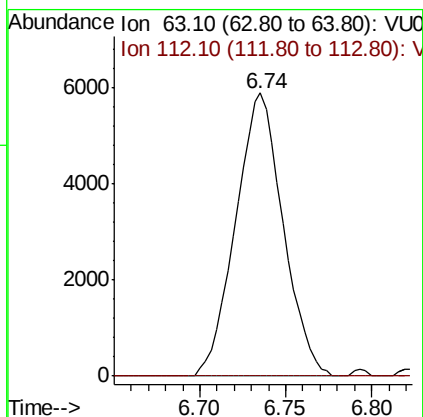
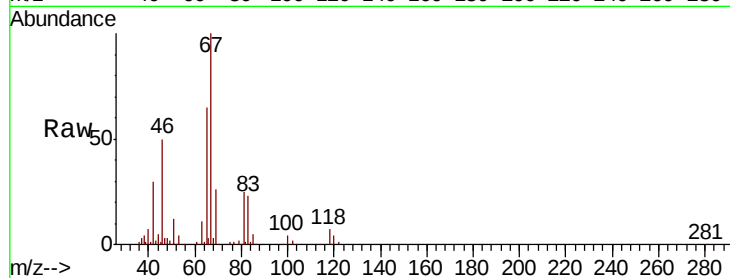




#37
 1,2-Dichloropropane
 Concen: 0.537 ug/L
 RT: 6.74 min Scan# 1678
 Delta R.T. -0.10 min
 Lab File: VU035352.D
 Acq: 22 Oct 2019 09:52

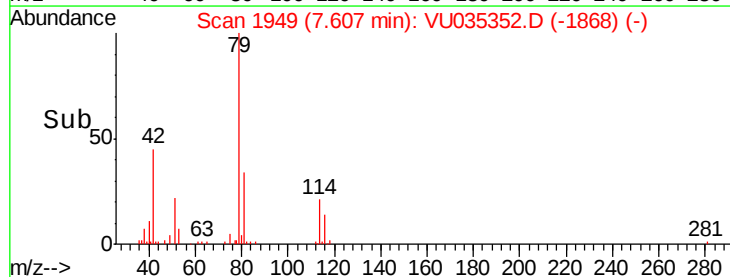
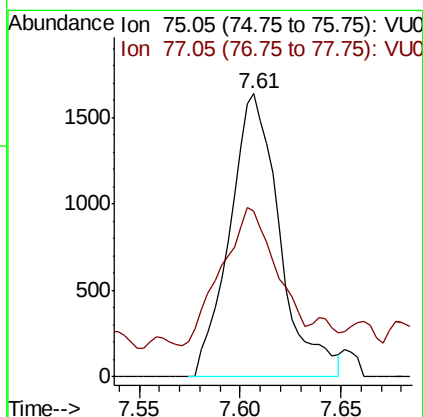
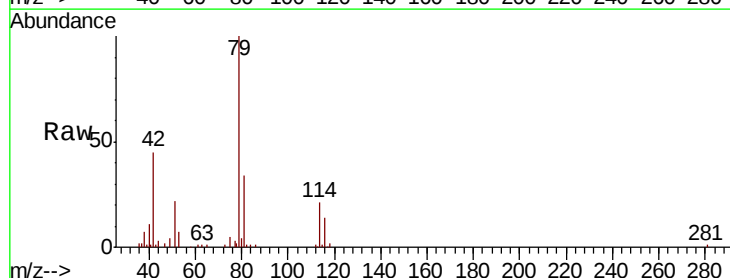
Instrument :
 MSVOA_U
 ClientSampleId :

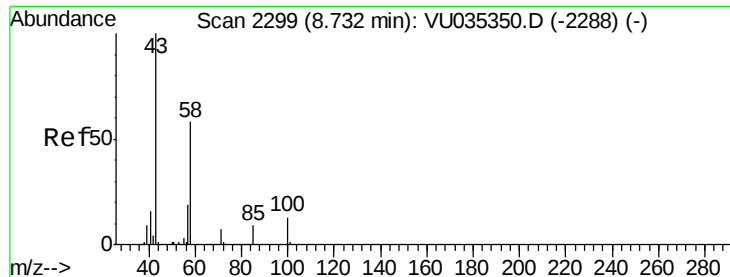
Tot Ion: 63 Resp: 11273
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.081 ug/L
 RT: 7.61 min Scan# 1949
 Delta R.T. -0.04 min
 Lab File: VU035352.D
 Acq: 22 Oct 2019 09:52

Tgt Ion: 75 Resp: 2843
 Ion Ratio Lower Upper
 75 100
 77 58.5 22.7 42.1#

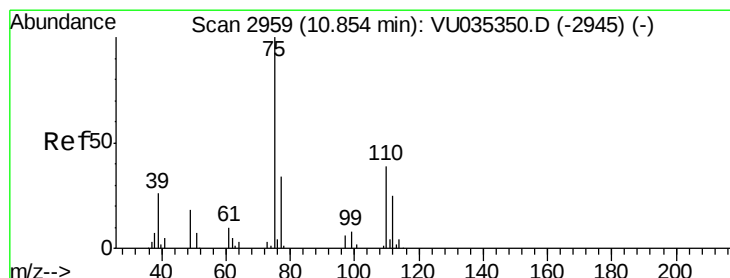
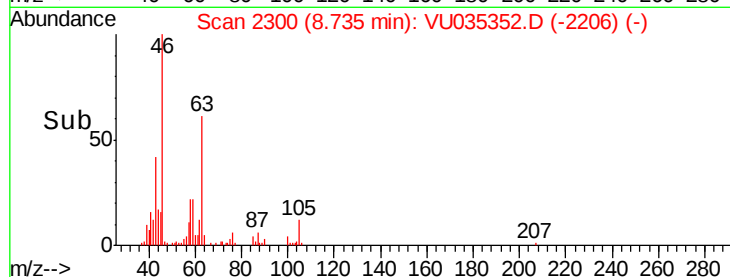
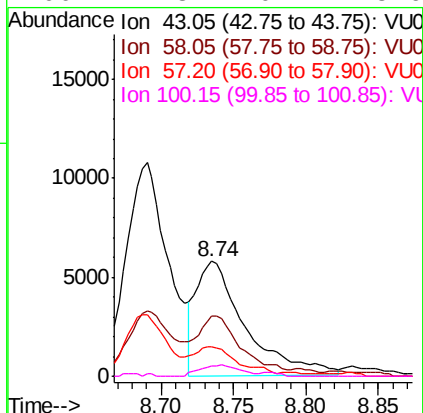
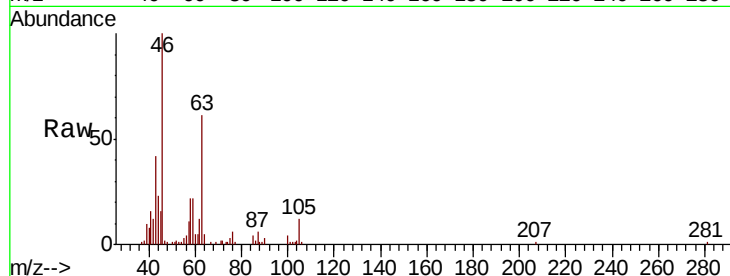




#48
 2-Hexanone
 Concen: 1.366 ug/L
 RT: 8.74 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: VU035352.D
 Acq: 22 Oct 2019 09:52

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 43 Resp: 13574
 Ion Ratio Lower Upper
 43 100
 58 43.4 45.1 67.7#
 57 20.8 16.0 24.0
 100 7.8 10.4 15.6#



#59
 1,2,3-Trichloropropane
 Concen: 0.901 ug/L
 RT: 11.84 min Scan# 3266
 Delta R.T. 0.99 min
 Lab File: VU035352.D
 Acq: 22 Oct 2019 09:52

Tgt Ion: 75 Resp: 13171
 Ion Ratio Lower Upper
 75 100
 77 39.0 26.2 39.2

