

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042920\
 Data File : VU037935.D
 Acq On : 30 Apr 2020 00:56
 Operator : JC/MD
 Sample : L2410-10
 Misc : 5.6mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 30 04:13:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 30 04:10:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	601167	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	573621	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	255559	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	236325	44.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.98%
7) Chloroethane-d5	1.93	69	209244	51.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.80%
11) 1,1-Dichloroethene-d2	2.59	63	292412	34.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.78%
21) 2-Butanone-d5	4.66	46	386407	92.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.84%
24) Chloroform-d	5.10	84	391293	48.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.82%
26) 1,2-Dichloroethane-d4	5.74	65	286432	51.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.40%
32) Benzene-d6	5.76	84	846340	52.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.34%
36) 1,2-Dichloropropane-d6	6.72	67	285433	52.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.22%
41) Toluene-d8	7.92	98	731663	49.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.14%
43) trans-1,3-Dichloropropene-	8.20	79	107993	38.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.34%
47) 2-Hexanone-d5	8.65	63	252467	85.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.48%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	397980	52.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.44%
64) 1,2-Dichlorobenzene-d4	12.20	152	257420	51.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.54%

Target Compounds

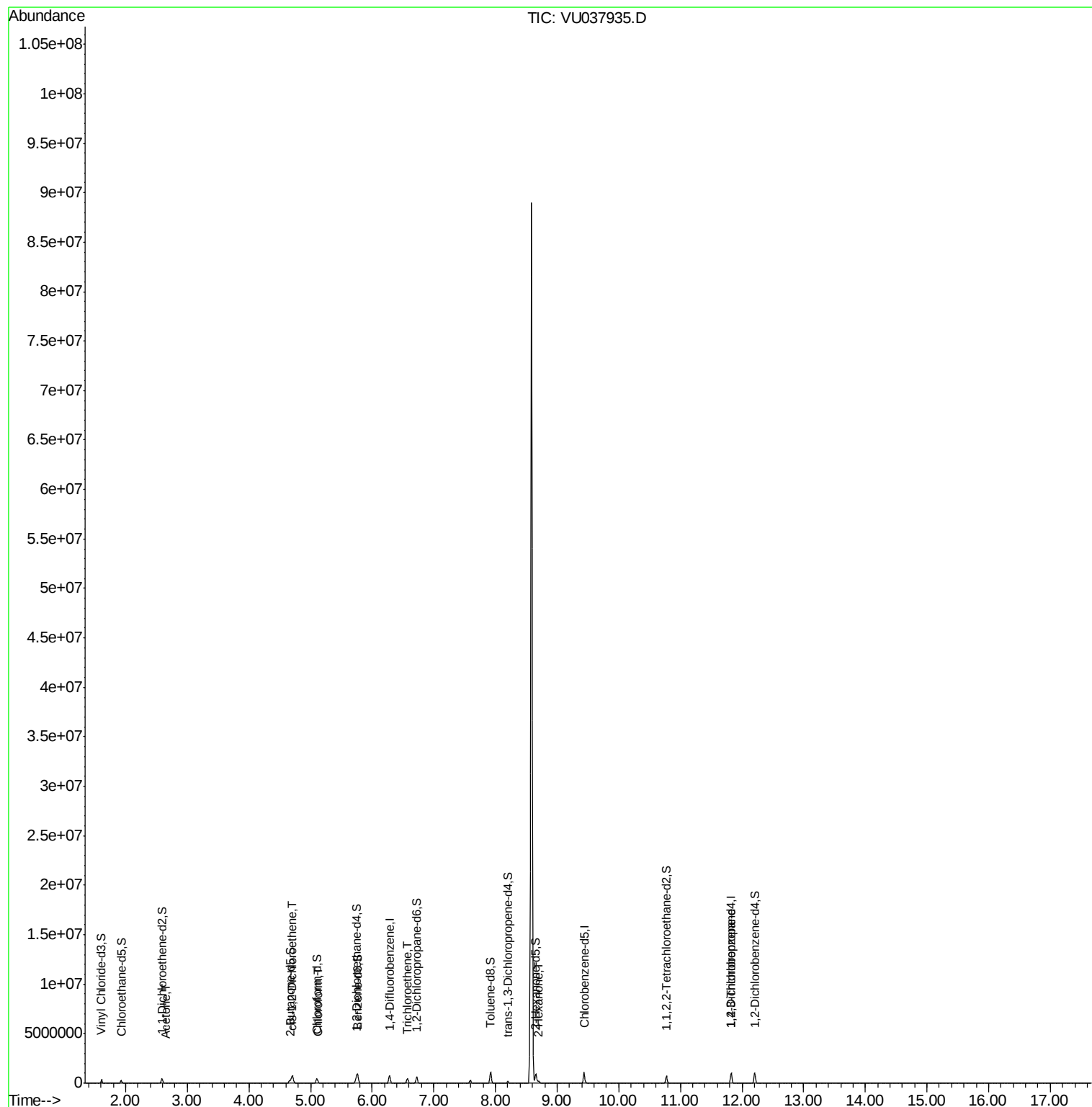
					Ovalue
13) Acetone	2.65	43	8921	3.593 ug/L	99
20) cis-1,2-Dichloroethene	4.71	96	384165	85.979 ug/L	93
25) Chloroform	5.13	83	38031	4.941 ug/L	97
34) Trichloroethene	6.57	95	161412	37.796 ug/L	99
48) 2-Hexanone	8.71	43	22615	3.459 ug/L #	90
59) 1,2,3-Trichloropropane	11.83	75	35554	5.566 ug/L	93

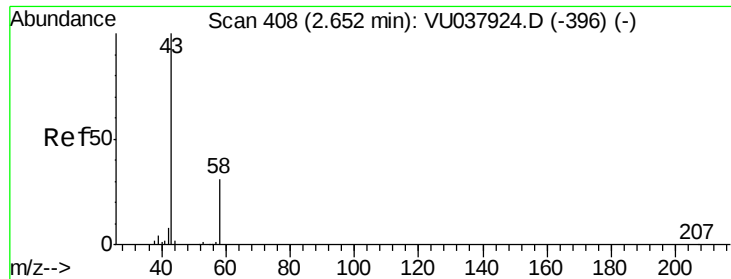
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 30 04:10:11 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.593 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.00 min

Lab File: VU037935.D

Acq: 30 Apr 2020 00:56

Instrument :

MSVOA_U

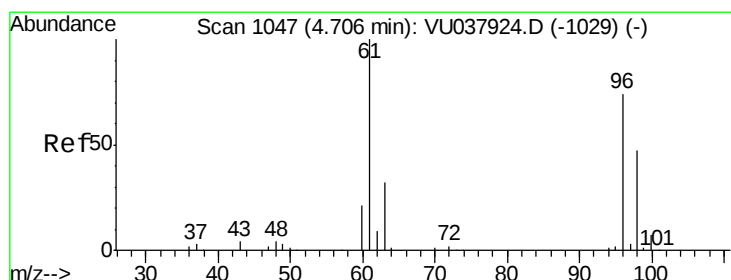
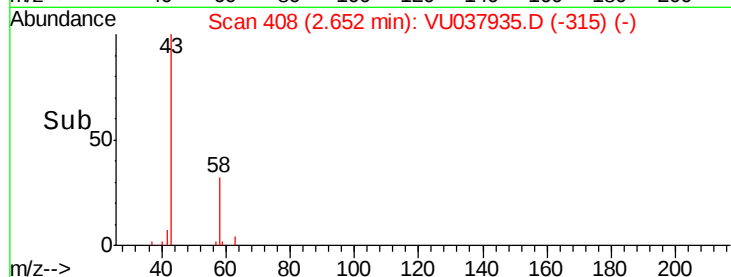
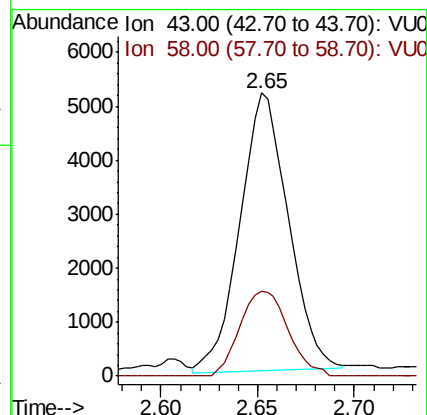
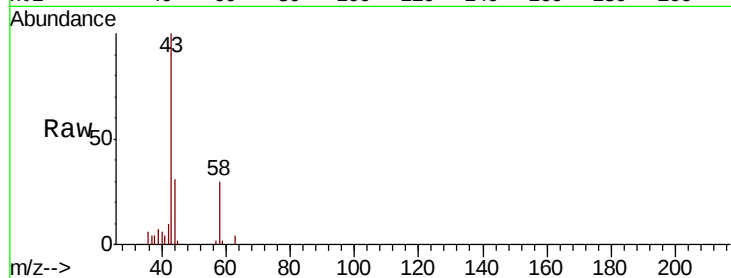
ClientSampleId :

Tot Ion: 43 Resp: 8921

Ion Ratio Lower Upper

43 100

58 30.7 0.0 62.0



#20

cis-1,2-Dichloroethene

Concen: 85.979 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU037935.D

Acq: 30 Apr 2020 00:56

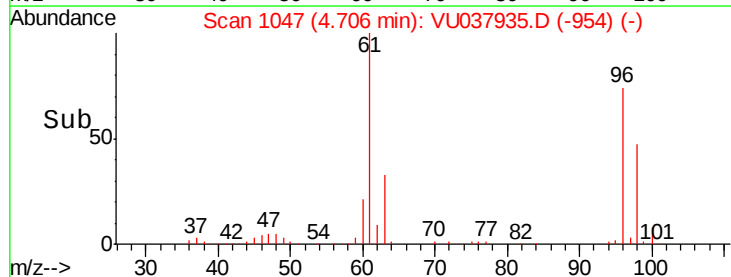
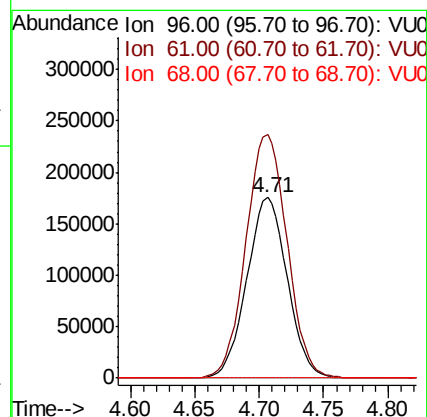
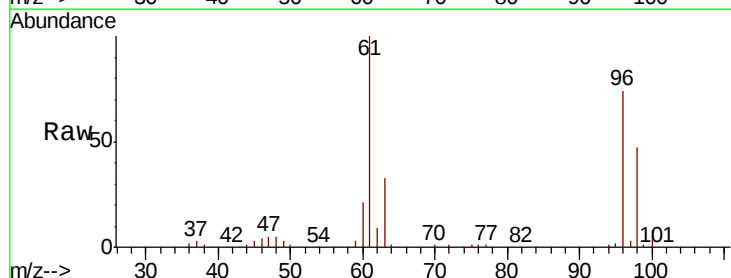
Tgt Ion: 96 Resp: 384165

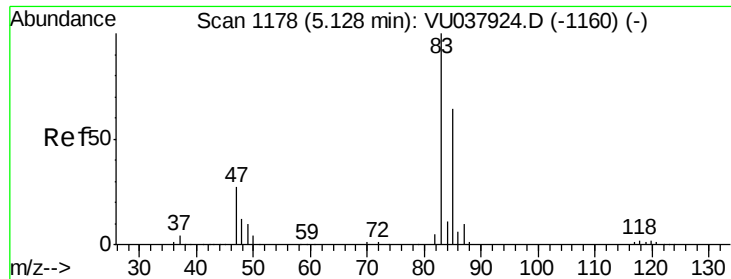
Ion Ratio Lower Upper

96 100

61 134.9 100.4 186.4

68 0.0 0.0 0.0

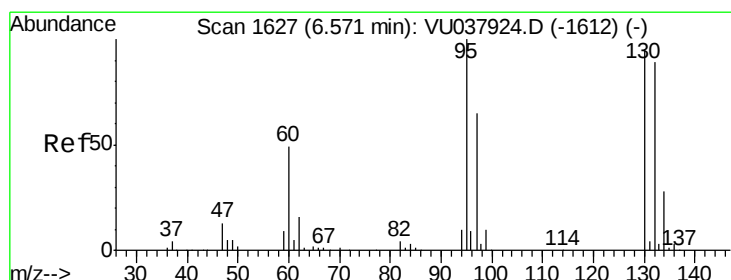
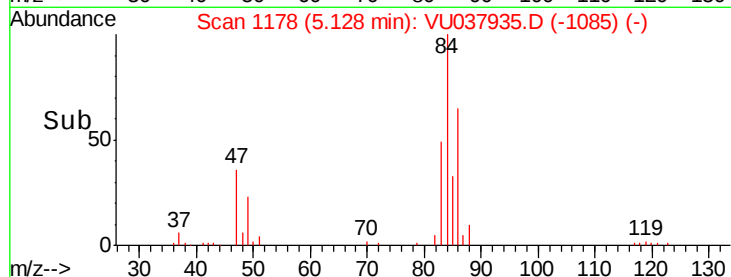
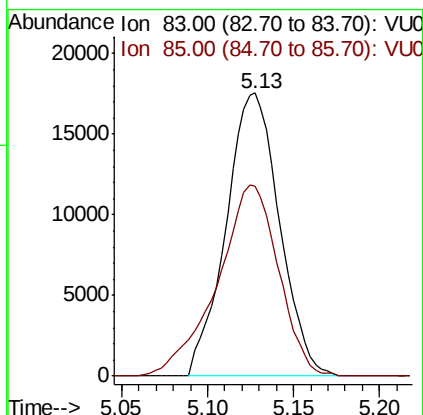
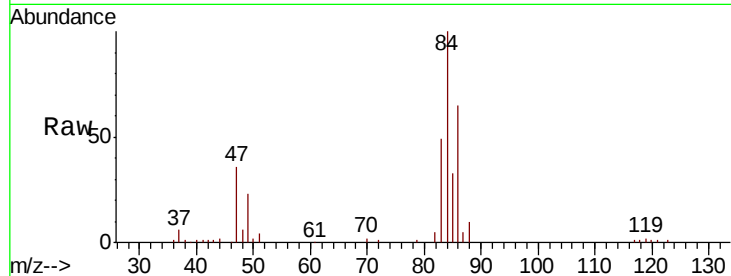




#25
Chloroform
Concen: 4.941 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU037935.D
Acq: 30 Apr 2020 00:56

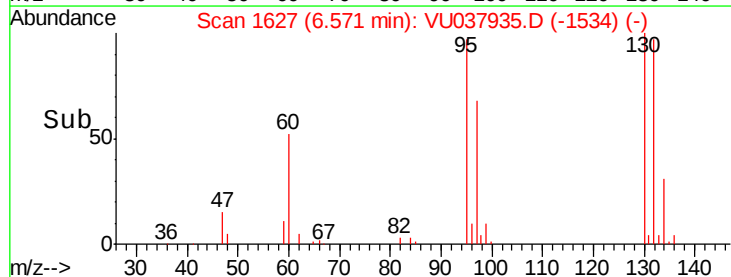
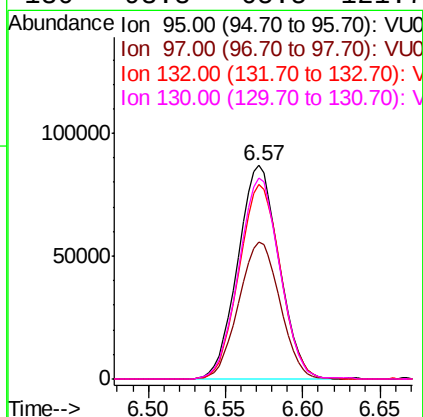
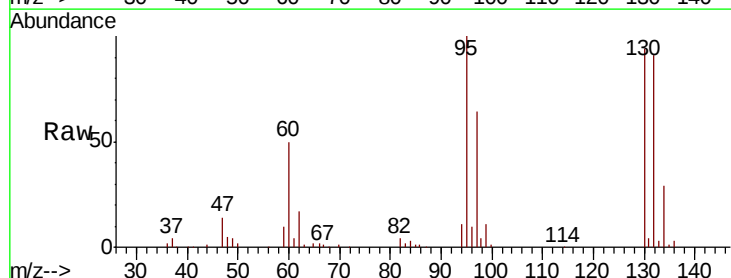
Instrument :
MSVOA_U
ClientSampleId :

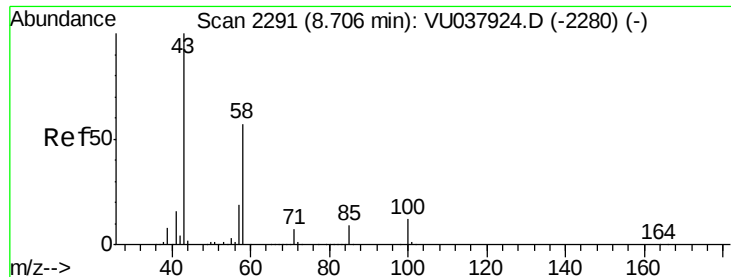
Tot Ion: 83 Resp: 38031
Ion Ratio Lower Upper
83 100
85 66.9 45.1 83.9



#34
Trichloroethene
Concen: 37.796 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VU037935.D
Acq: 30 Apr 2020 00:56

Tgt Ion: 95 Resp: 161412
Ion Ratio Lower Upper
95 100
97 64.1 44.4 82.5
132 91.0 65.0 120.6
130 93.8 65.5 121.7

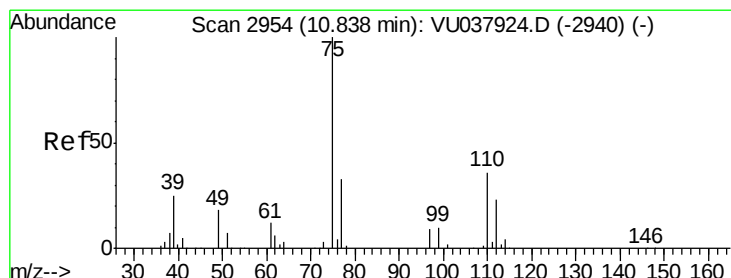
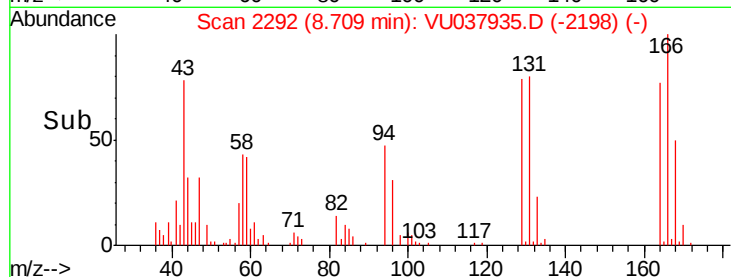
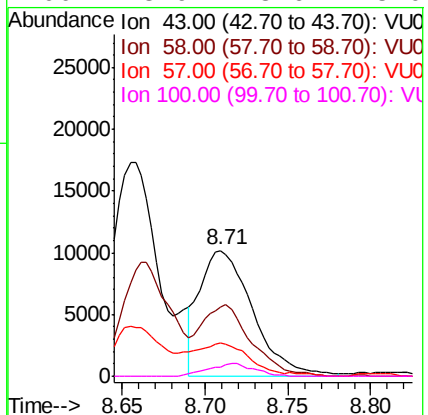
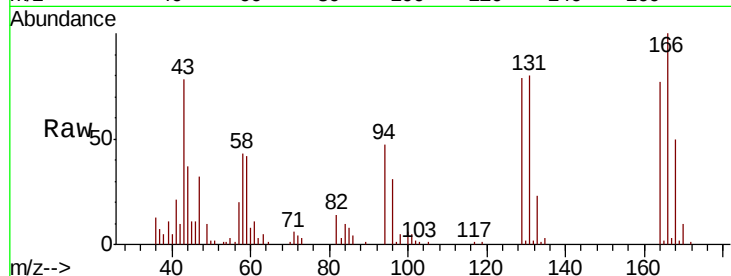




#48
 2-Hexanone
 Concen: 3.459 ug/L
 RT: 8.71 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: VU037935.D
 Acq: 30 Apr 2020 00:56

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 43 Resp: 22615
 Ion Ratio Lower Upper
 43 100
 58 53.8 42.6 63.8
 57 0.0 14.6 22.0#
 100 8.9 8.6 13.0



#59
 1,2,3-Trichloropropane
 Concen: 5.566 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.99 min
 Lab File: VU037935.D
 Acq: 30 Apr 2020 00:56

Tgt Ion: 75 Resp: 35554
 Ion Ratio Lower Upper
 75 100
 77 36.3 25.8 38.6

