

Data File : VU031562.D
Acq On : 27 Apr 2019 03:46
Operator : JC/SP
Sample : K2592-15 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X81

Quant Time: Apr 27 04:32:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 27 03:26:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	839997	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	796992	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	301635	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	366546	52.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.28%
7) Chloroethane-d5	1.68	69	287667	52.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.90%
11) 1,1-Dichloroethene-d2	2.27	63	529732	37.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.68%
21) 2-Butanone-d5	4.18	46	686428	107.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.77%
24) Chloroform-d	4.64	84	622098	48.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.64%
26) 1,2-Dichloroethane-d4	5.31	65	415253	49.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.74%
32) Benzene-d6	5.33	84	1246978	50.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.90%
36) 1,2-Dichloropropane-d6	6.32	67	435284	50.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.10%
41) Toluene-d8	7.56	98	1057607	49.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.24%
43) trans-1,3-Dichloropropene-	7.85	79	169974	45.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.98%
47) 2-Hexanone-d5	8.31	63	417175	111.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.94%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	561073	48.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.10%
64) 1,2-Dichlorobenzene-d4	11.86	152	333199	52.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.06%

Target Compounds

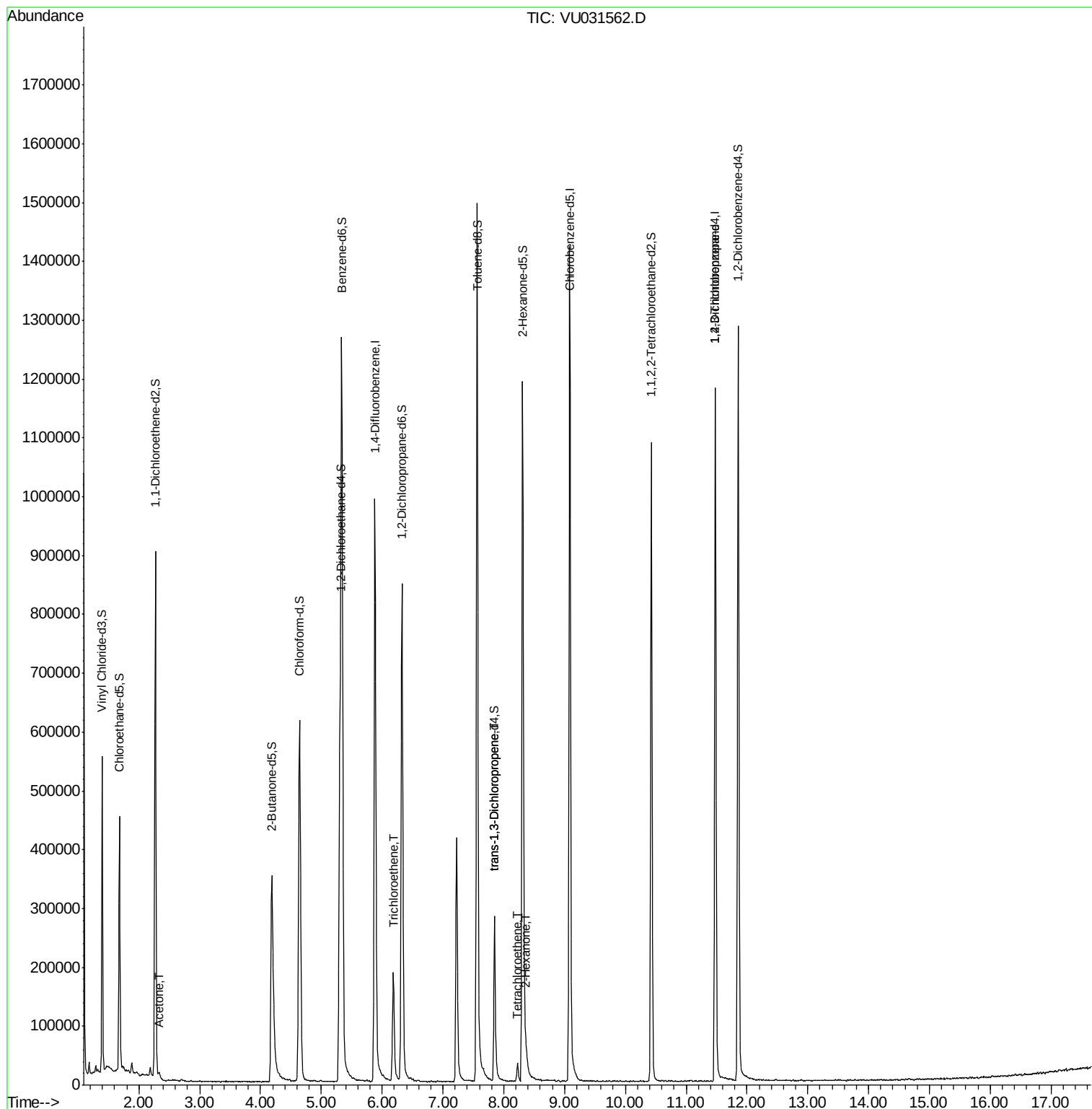
					Qvalue
13) Acetone	2.34	43	6061	0.845 ug/L	80
34) Trichloroethene	6.18	95	69323	9.760 ug/L	89
44) trans-1,3-Dichloropropene	7.85	75	6369	0.639 ug/L	85
46) Tetrachloroethene	8.22	164	7106	1.467 ug/L	90
48) 2-Hexanone	8.37	43	21981	2.123 ug/L #	58
59) 1,2,3-Trichloropropane	11.48	75	39717	4.027 ug/L	90

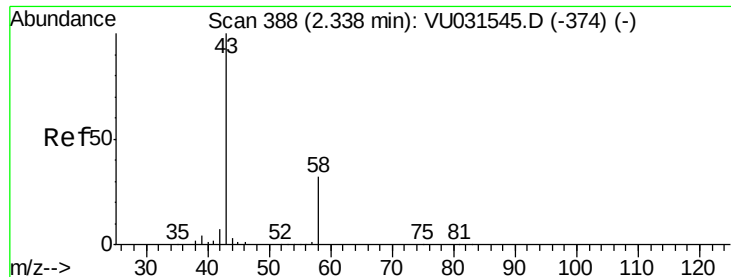
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.845 ug/L

RT: 2.34 min Scan# 390

Delta R.T. 0.01 min

Lab File: VU031562.D

Acq: 27 Apr 2019 03:46

Instrument :

MSVOA_U

ClientSampleId :

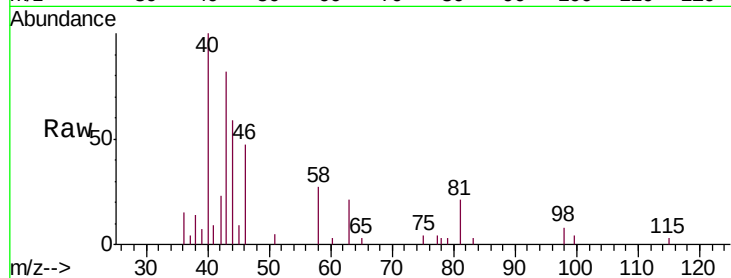
C0X81

Tgt Ion: 43 Resp: 6061

Ion Ratio Lower Upper

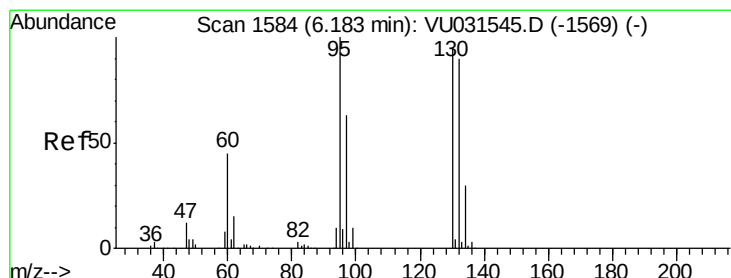
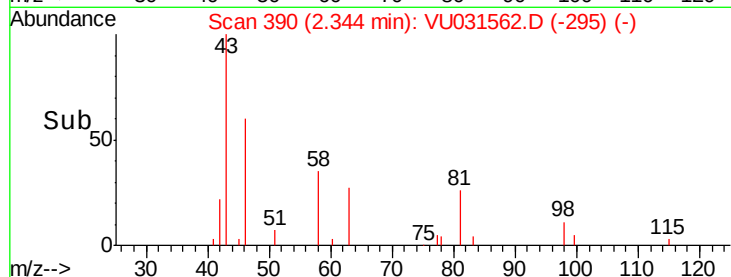
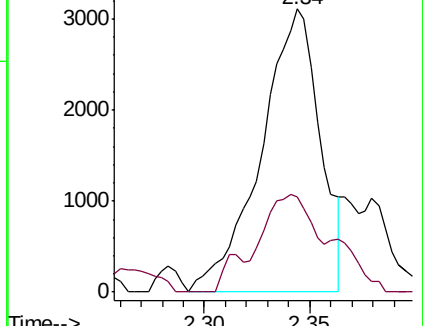
43 100

58 20.9 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU031545.D (-374) (-)

Ion 58.00 (57.70 to 58.70): VU031545.D (-374) (-)



#34

Trichloroethene

Concen: 9.760 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031562.D

Acq: 27 Apr 2019 03:46

Tgt Ion: 95 Resp: 69323

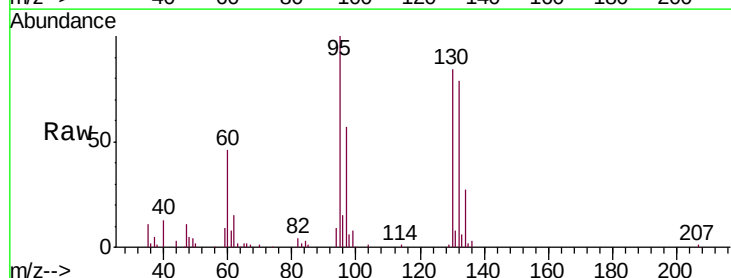
Ion Ratio Lower Upper

95 100

97 57.1 44.8 83.2

132 79.2 63.1 117.1

130 84.2 66.5 123.5

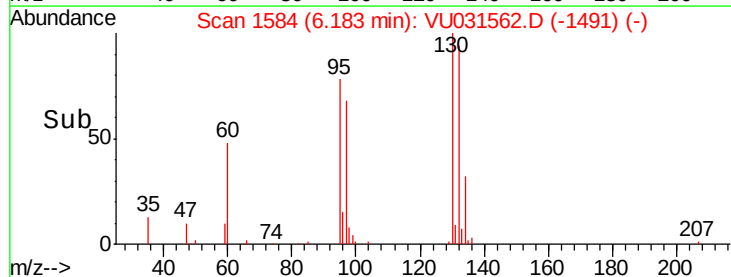
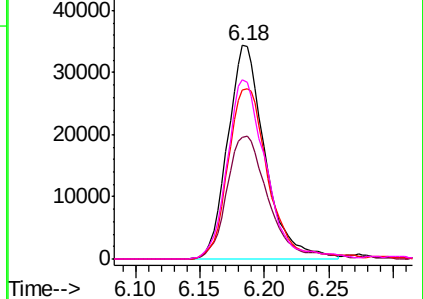


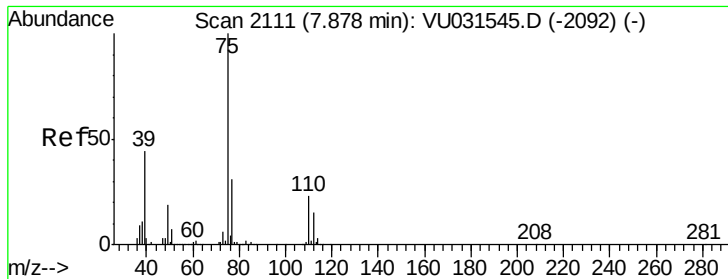
Abundance Ion 95.00 (94.70 to 95.70): VU031545.D (-1569) (-)

Ion 97.00 (96.70 to 97.70): VU031545.D (-1569) (-)

Ion 132.00 (131.70 to 132.70): VU031545.D (-1569) (-)

Ion 130.00 (129.70 to 130.70): VU031545.D (-1569) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.639 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031562.D

Acq: 27 Apr 2019 03:46

Instrument :

MSVOA_U

ClientSampleId :

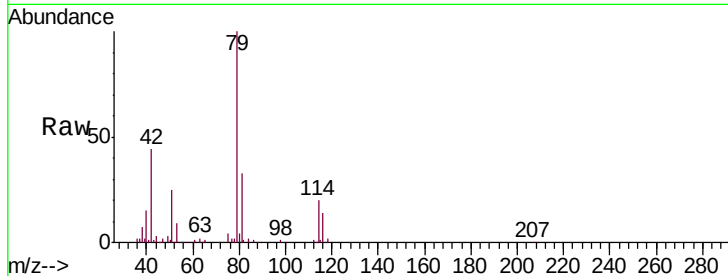
C0X81

Tgt Ion: 75 Resp: 6369

Ion Ratio Lower Upper

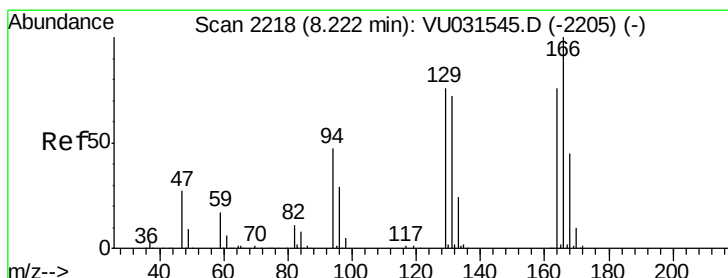
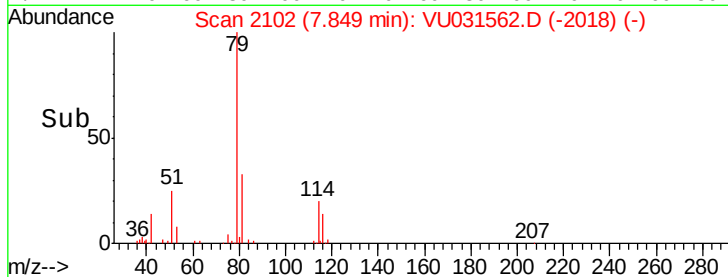
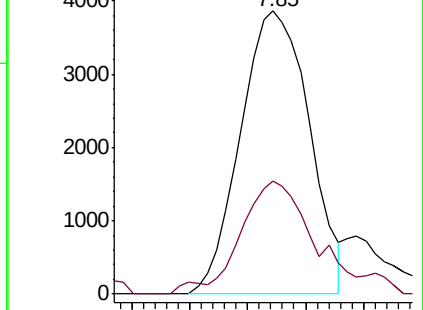
75 100

77 39.9 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU031545.D (-2092) (-)

Ion 77.00 (76.70 to 77.70): VU031545.D (-2092) (-)



#46

Tetrachloroethene

Concen: 1.467 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031562.D

Acq: 27 Apr 2019 03:46

Tgt Ion: 164 Resp: 7106

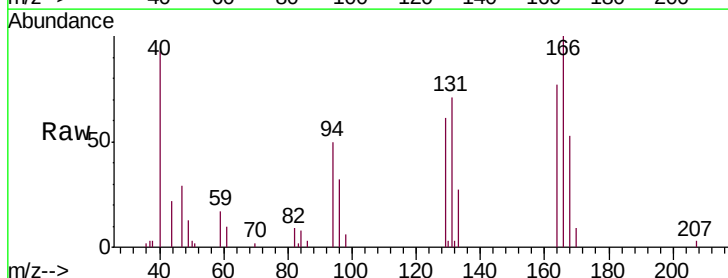
Ion Ratio Lower Upper

164 100

129 79.8 71.5 132.9

131 92.7 69.0 128.2

166 130.4 93.7 173.9

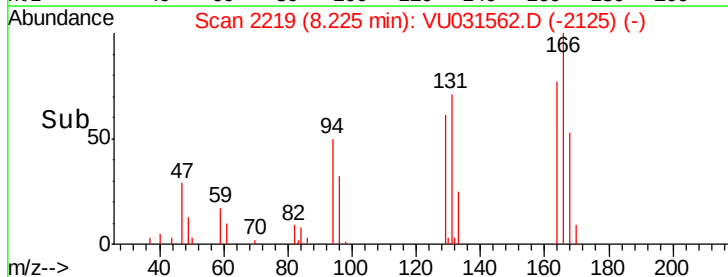
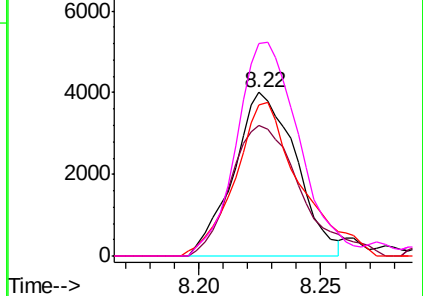


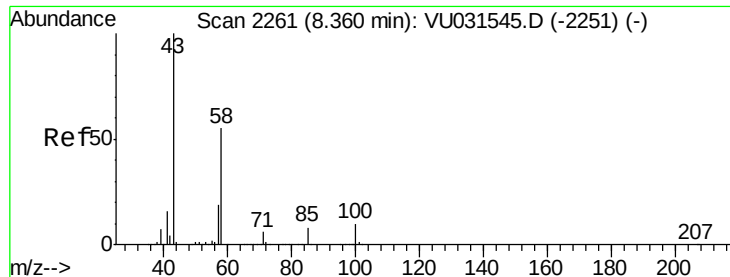
Abundance Ion 164.00 (163.70 to 164.70): VU031545.D (-2205) (-)

Ion 129.00 (128.70 to 129.70): VU031545.D (-2205) (-)

Ion 131.00 (130.70 to 131.70): VU031545.D (-2205) (-)

Ion 166.00 (165.70 to 166.70): VU031545.D (-2205) (-)

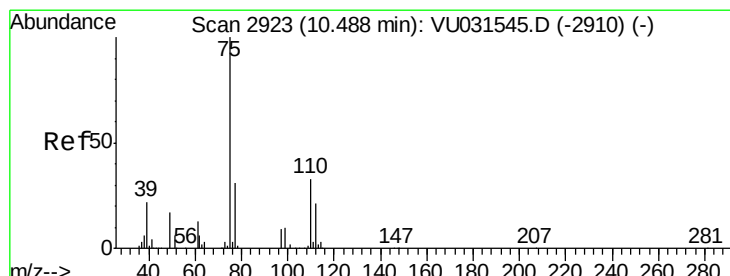
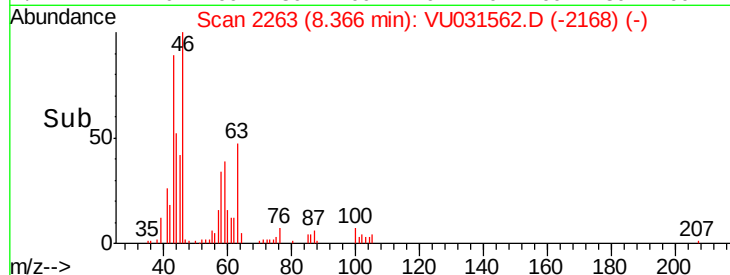
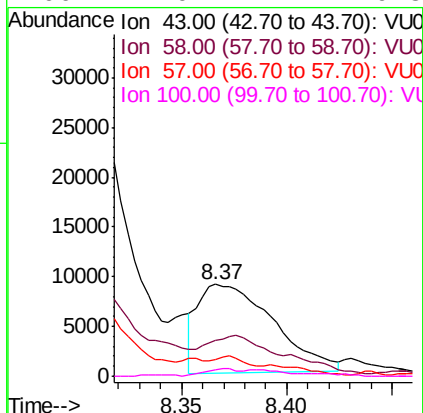
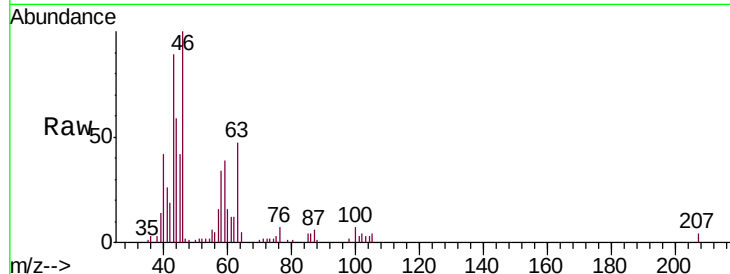




#48
 2-Hexanone
 Concen: 2.123 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.01 min
 Lab File: VU031562.D
 Acq: 27 Apr 2019 03:46

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X81

Tgt Ion: 43 Resp: 21981
 Ion Ratio Lower Upper
 43 100
 58 16.9 42.1 63.1#
 57 3.9 14.6 22.0#
 100 4.0 7.2 10.8#



#59
 1,2,3-Trichloropropane
 Concen: 4.027 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU031562.D
 Acq: 27 Apr 2019 03:46

Tgt Ion: 75 Resp: 39717
 Ion Ratio Lower Upper
 75 100
 77 38.1 25.9 38.9

