

Data File : VU031482.D
Acq On : 24 Apr 2019 19:56
Operator : JC/SP
Sample : K2517-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHZ1

Quant Time: Apr 25 06:11:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR042419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 25 06:05:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	296993	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	295233	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	109742	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	130035	5.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.40%
7) Chloroethane-d5	1.68	69	100135	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.40%
11) 1,1-Dichloroethene-d2	2.27	63	188080	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.00%
20) 2-Butanone-d5	4.19	46	358500	56.24	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.48%
24) Chloroform-d	4.64	84	219575	5.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.40%
26) 1,2-Dichloroethane-d4	5.31	65	124506	6.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	124.20%
32) Benzene-d6	5.33	84	425965	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
36) 1,2-Dichloropropane-d6	6.33	67	147064	5.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.80%
41) Toluene-d8	7.56	98	336426	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
43) trans-1,3-Dichloropropene-	7.85	79	48329	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.31	63	235131	46.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.36%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	111770	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	109227	5.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.40%

Target Compounds

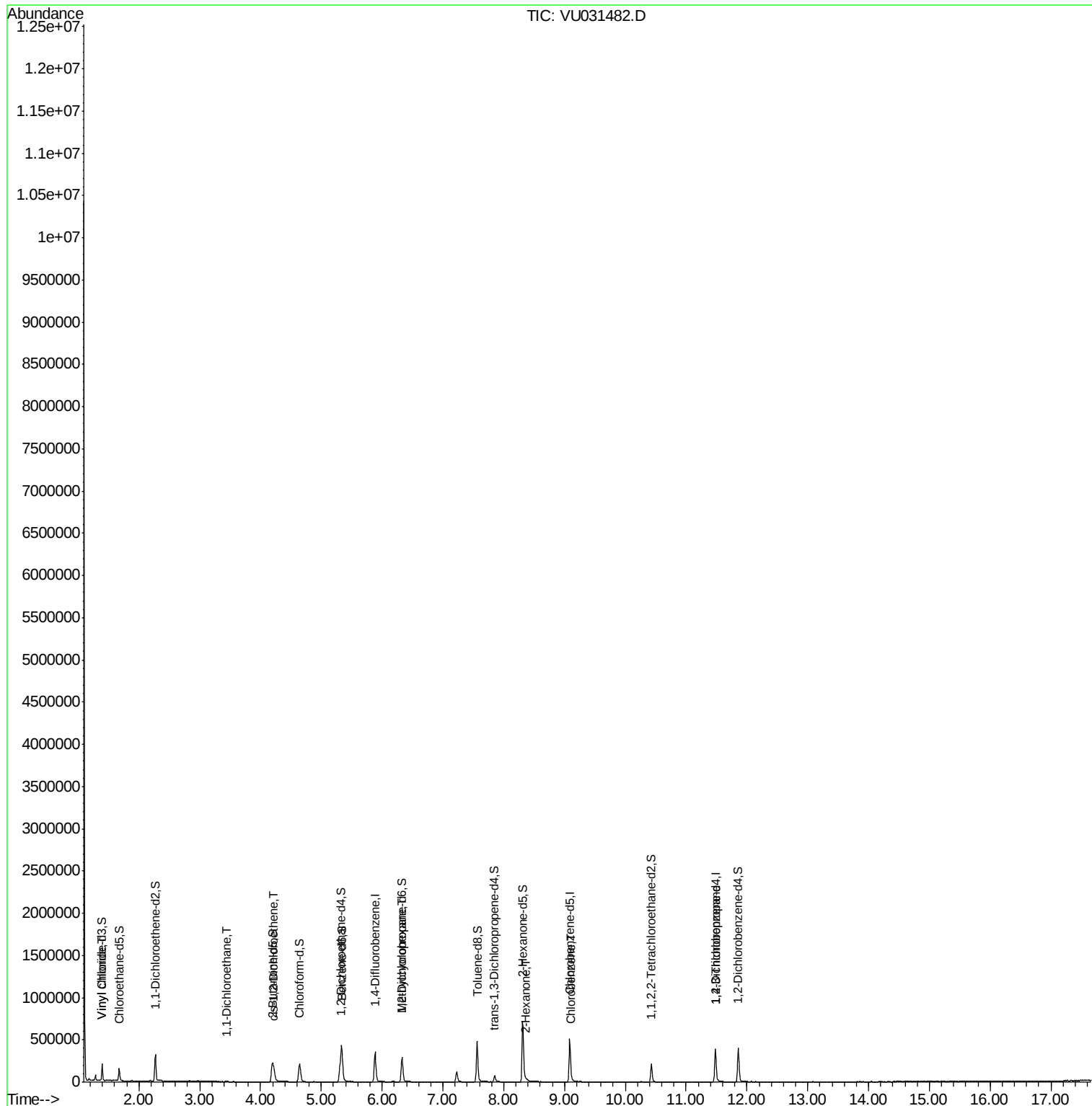
					Qvalue
5) Vinyl chloride	1.40	62	3827	0.123 ug/L #	22
19) 1,1-Dichloroethane	3.43	63	8181	0.198 ug/L	97
22) cis-1,2-Dichloroethene	4.22	96	44756	1.990 ug/L	97
35) Methylcyclohexane	6.33	83	32157	0.904 ug/L #	14
48) 2-Hexanone	8.37	43	15224	1.297 ug/L #	51
51) Chlorobenzene	9.12	112	9137	0.164 ug/L	88
59) 1,2,3-Trichloropropane	11.48	75	14474	0.940 ug/L	93

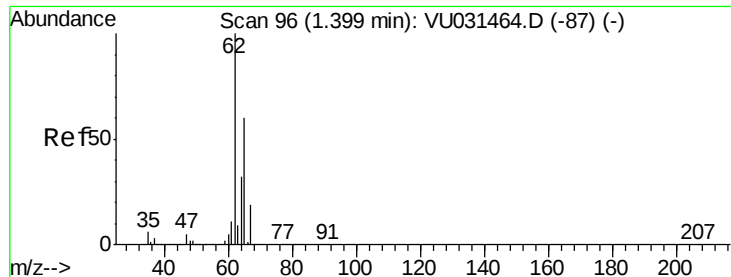
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 25 06:05:25 2019
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#5

Vinyl chloride

Concen: 0.123 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

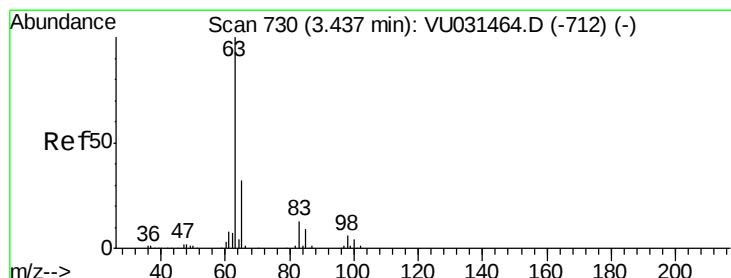
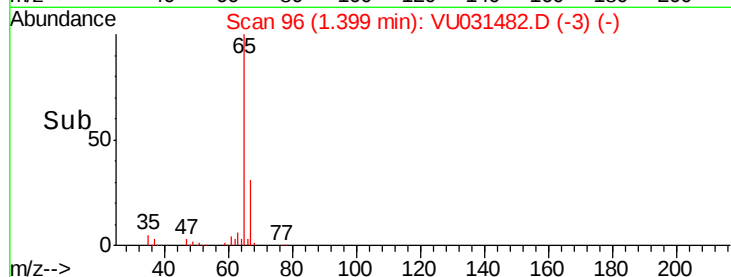
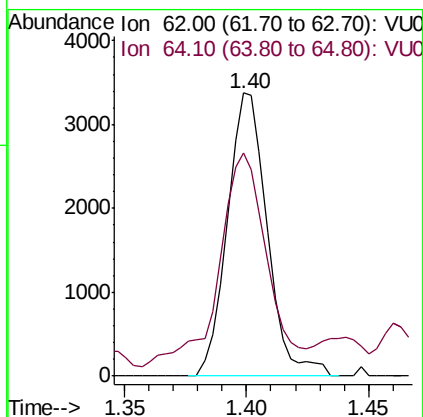
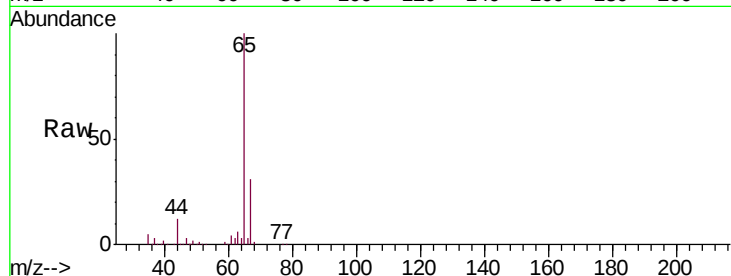
GAHZ1

Tgt Ion: 62 Resp: 3827

Ion Ratio Lower Upper

62 100

64 78.8 23.9 44.5#



#19

1,1-Dichloroethane

Concen: 0.198 ug/L

RT: 3.43 min Scan# 729

Delta R.T. -0.00 min

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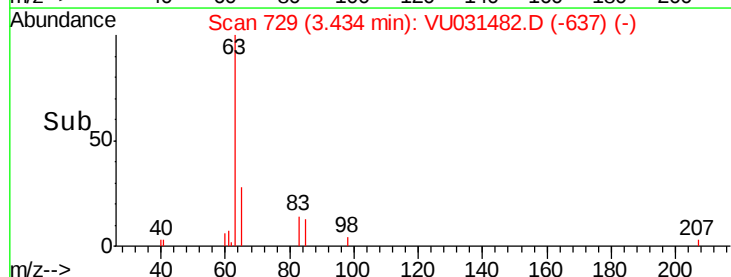
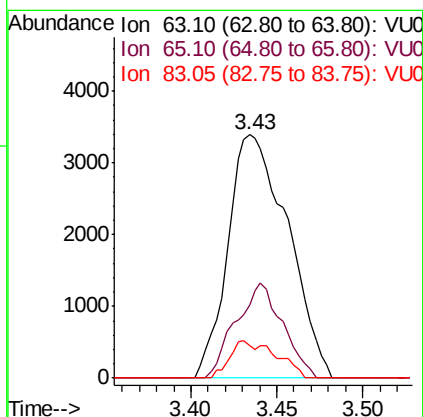
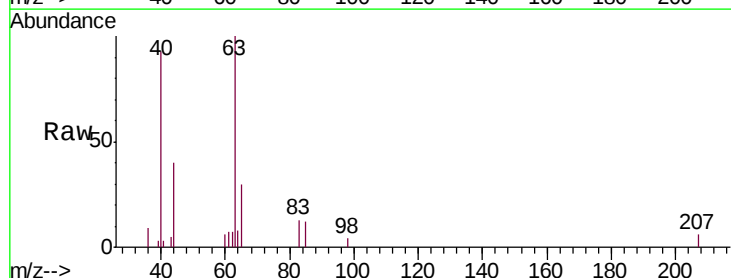
Tgt Ion: 63 Resp: 8181

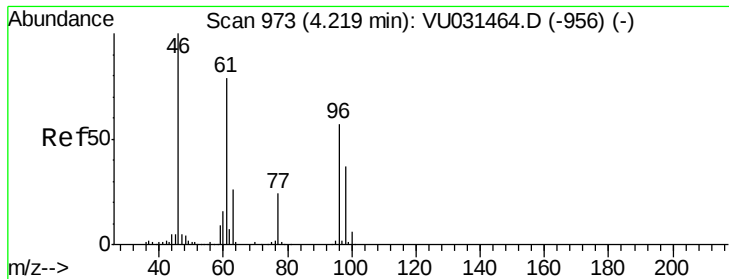
Ion Ratio Lower Upper

63 100

65 30.3 22.3 41.5

83 13.1 8.5 15.9



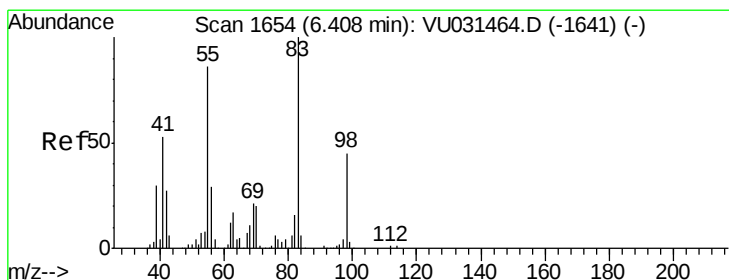
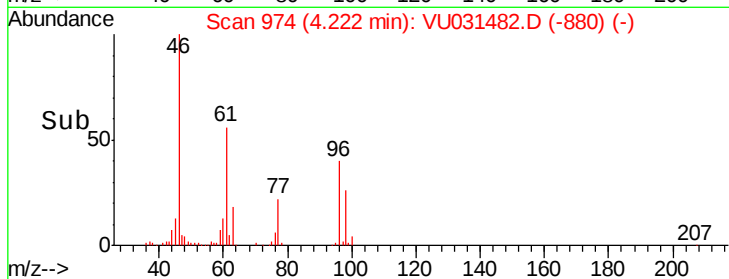
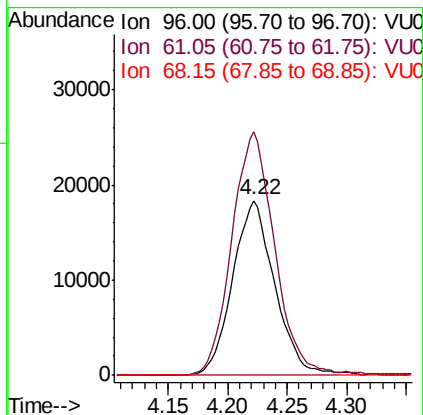
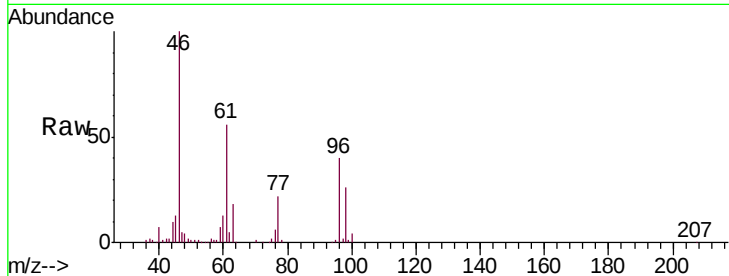


#22

cis-1,2-Dichloroethene
 Concen: 1.990 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU031482.D
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 GAHZ1

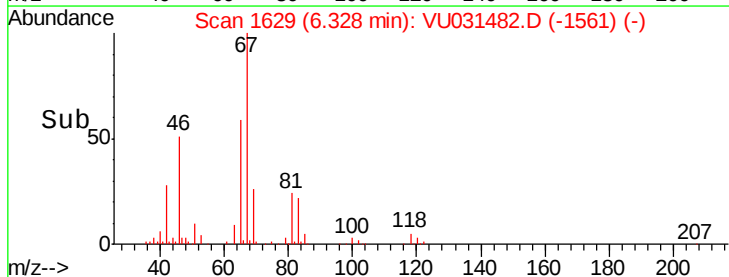
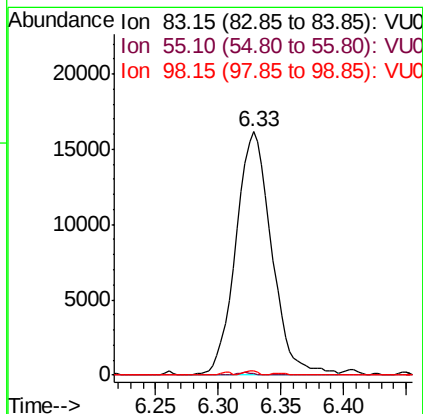
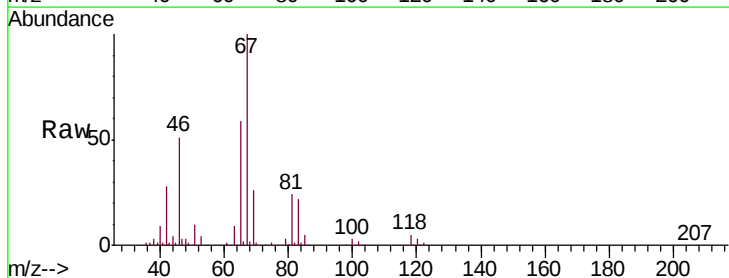
Tgt Ion: 96 Resp: 44756
 Ion Ratio Lower Upper
 96 100
 61 139.3 94.8 176.2
 68 0.0 0.0 0.0

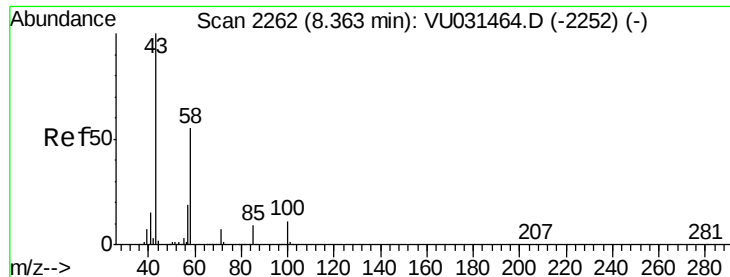


#35

Methylcyclohexane
 Concen: 0.904 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.08 min
 Lab File: VU031482.D
 Acq: 24 Apr 2019 19:56

Tgt Ion: 83 Resp: 32157
 Ion Ratio Lower Upper
 83 100
 55 0.4 71.1 106.7#
 98 0.6 36.6 54.8#

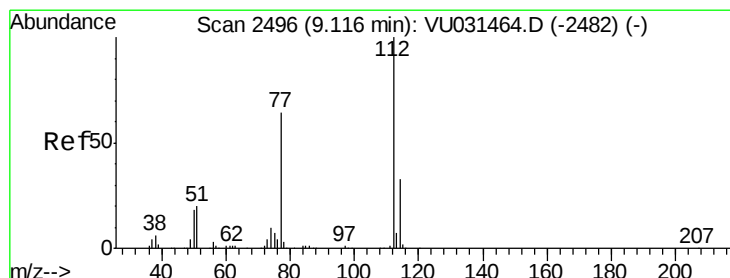
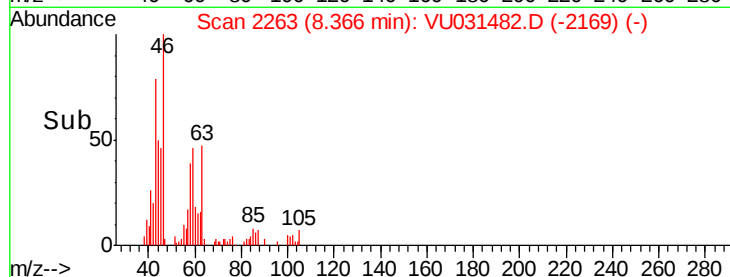
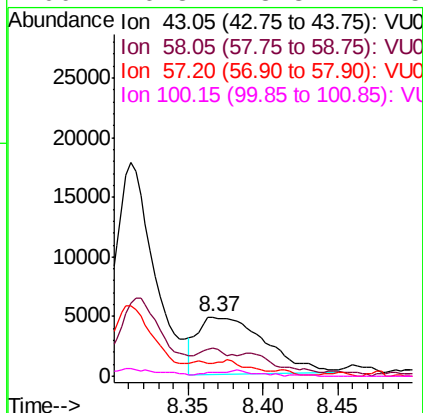
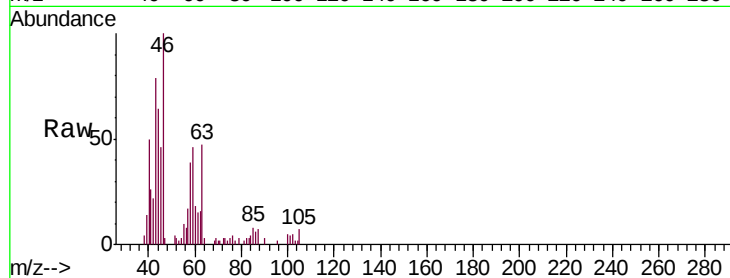




#48
2-Hexanone
Concen: 1.297 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VU031482.D
Acq: 24 Apr 2019 19:56

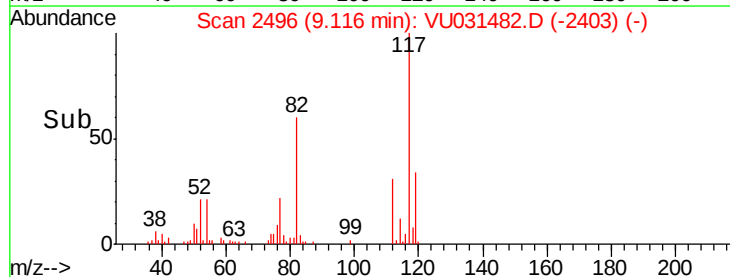
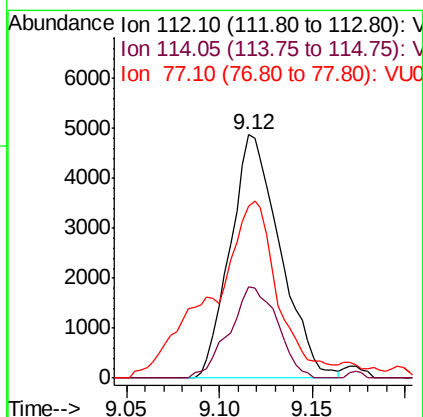
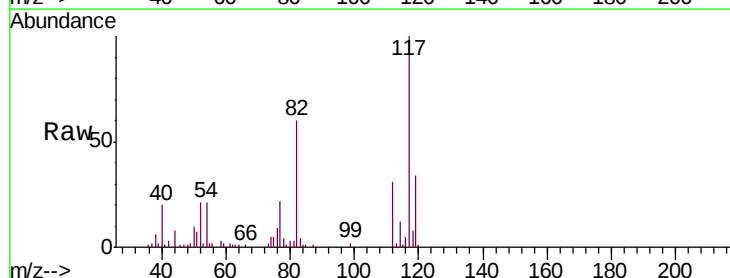
Instrument :
MSVOA_U
ClientSampleId :
GAHZ1

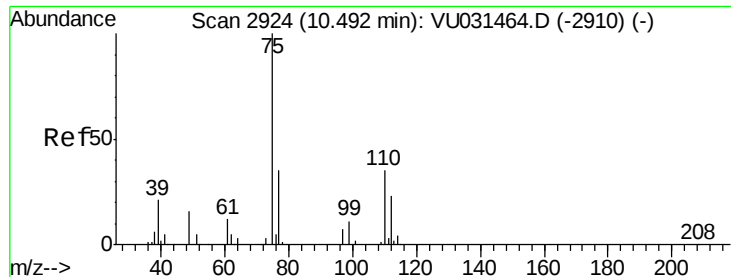
Tgt Ion:	43	Resp:	15224
Ion	Ratio	Lower	Upper
43	100		
58	6.1	44.6	67.0#
57	12.6	15.3	22.9#
100	6.8	8.3	12.5#



#51
Chlorobenzene
Concen: 0.164 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU031482.D
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Tgt Ion:	112	Resp:	9137
Ion	Ratio	Lower	Upper
112	100		
114	37.3	21.9	40.7
77	70.5	48.9	73.3





#59

1,2,3-Trichloropropane

Concen: 0.940 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031482.D

Acq: 24 Apr 2019 19:56

Instrument :

MSVOA_U

ClientSampleId :

GAHZ1

Tgt Ion: 75 Resp: 14474

Ion Ratio Lower Upper

75 100

77 35.9 25.7 38.5

