

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\
 Data File : VU030740.D
 Acq On : 05 Apr 2019 13:55
 Operator : JC/SP
 Sample : K2249-08 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YE1

Quant Time: Apr 05 23:46:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 23:39:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	414315	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	404814	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	164088	50.00	ug/L	0.00

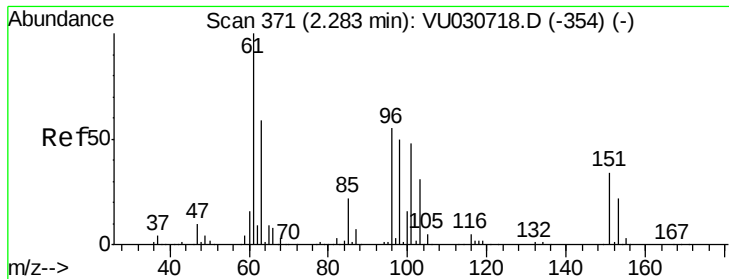
System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	194211	52.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.02%
7) Chloroethane-d5	1.68	69	153619	54.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.46%
11) 1,1-Dichloroethene-d2	2.27	63	261918	39.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.30%
21) 2-Butanone-d5	4.17	46	319001	108.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.83%
24) Chloroform-d	4.64	84	274386	48.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.14%
26) 1,2-Dichloroethane-d4	5.31	65	206184	53.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.96%
32) Benzene-d6	5.34	84	607493	51.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.82%
36) 1,2-Dichloropropane-d6	6.32	67	209873	51.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.64%
41) Toluene-d8	7.56	98	495830	47.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.68%
43) trans-1,3-Dichloropropene-	7.85	79	85467	46.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.56%
47) 2-Hexanone-d5	8.31	63	187089	101.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.07%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	276430	50.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	165766	51.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.74%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2090	0.704	ug/L #	20
13) Acetone	2.32	43	1890	0.630	ug/L	87
19) 1,1-Dichloroethane	3.45	63	11646	1.856	ug/L	94
20) cis-1,2-Dichloroethene	4.22	96	34874	10.386	ug/L	91
25) Chloroform	4.67	83	27143	4.303	ug/L	95
30) 1,1,1-Trichloroethane	4.91	97	17092	3.465	ug/L #	64
44) trans-1,3-Dichloropropene	7.85	75	3397	0.722	ug/L #	75
48) 2-Hexanone	8.31	43	23135	4.916	ug/L #	71
59) 1,2,3-Trichloropropane	11.48	75	21497	4.785	ug/L	92

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



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.704 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

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Instrument :

MSVOA_U

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E3YE1

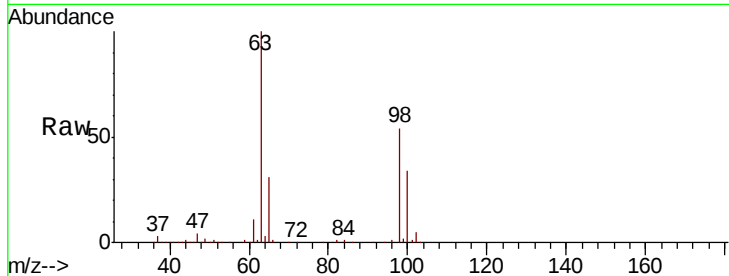
Tot Ion:101 Resp: 2090

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

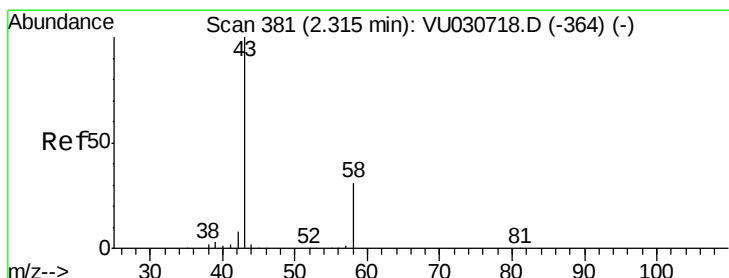
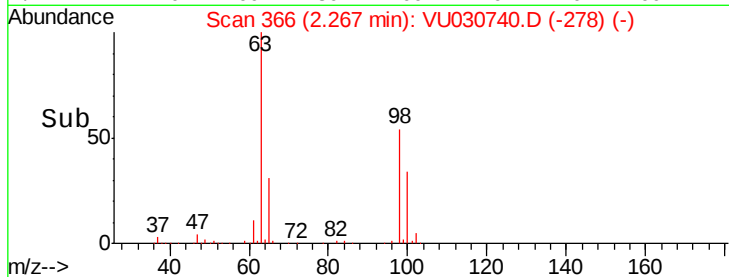
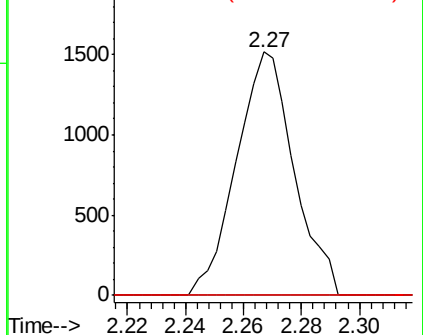
151 0.0 57.4 86.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 0.630 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU030740.D

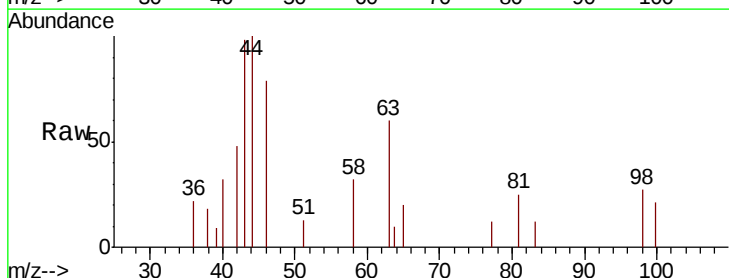
Acq: 05 Apr 2019 13:55

Tgt Ion: 43 Resp: 1890

Ion Ratio Lower Upper

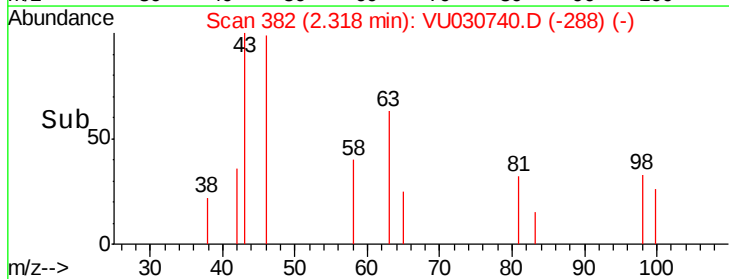
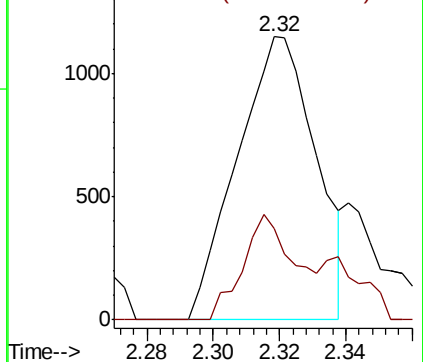
43 100

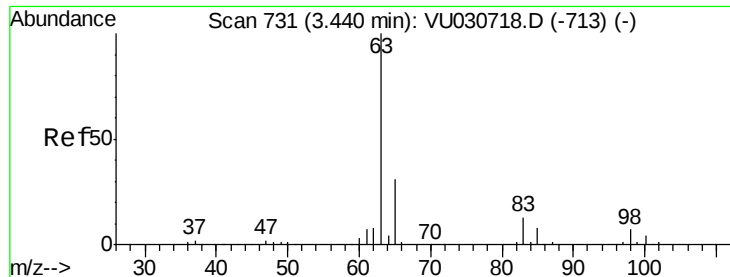
58 25.0 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

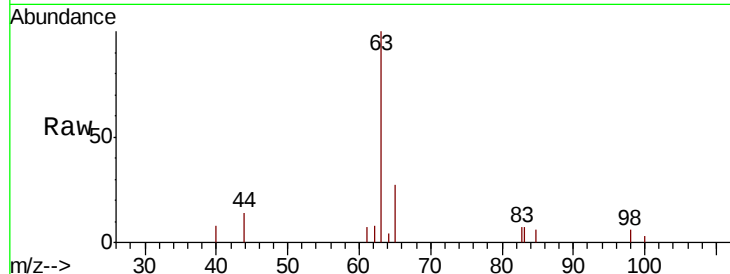




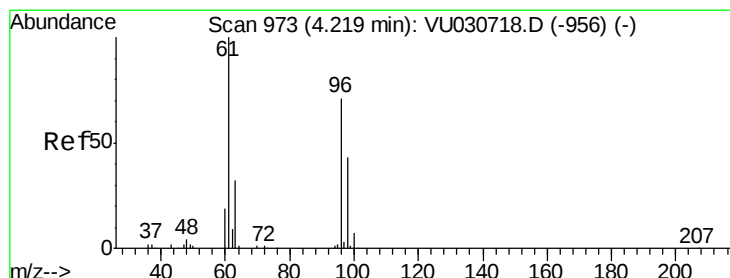
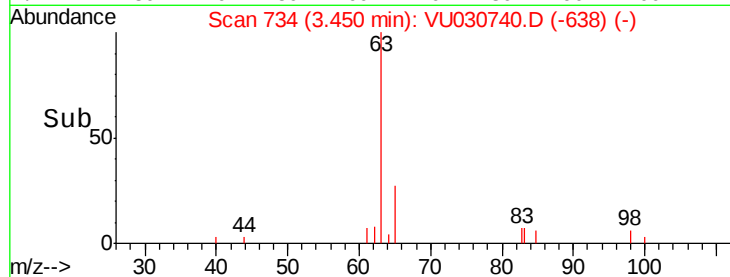
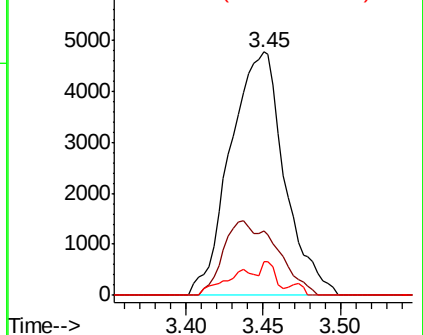
#19
 1,1-Dichloroethane
 Concen: 1.856 ug/L
 RT: 3.45 min Scan# 734
 Delta R.T. 0.01 min
 Lab File: VU030740.D
 Acq: 05 Apr 2019 13:55

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 ClientSampleId :
 E3YE1

Tot Ion: 63 Resp: 11646
 Ion Ratio Lower Upper
 63 100
 65 26.7 21.4 39.8
 83 13.7 8.5 15.7

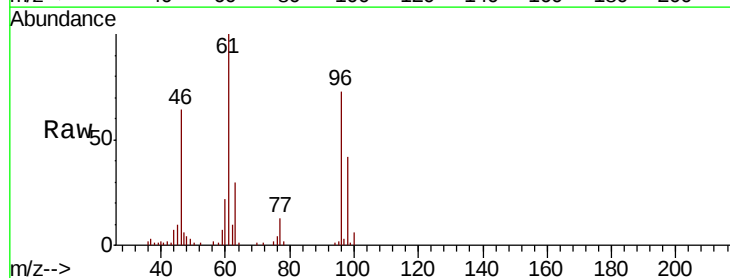


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 65.00 (64.70 to 65.70): VU0
 Ion 83.00 (82.70 to 83.70): VU0

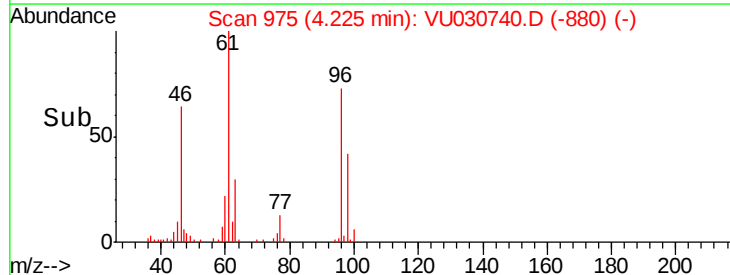
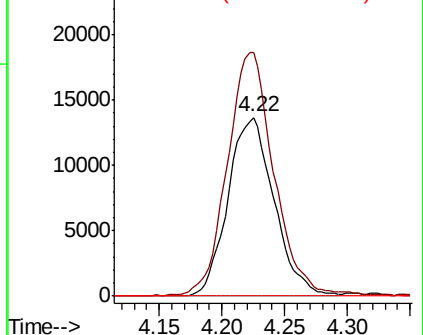


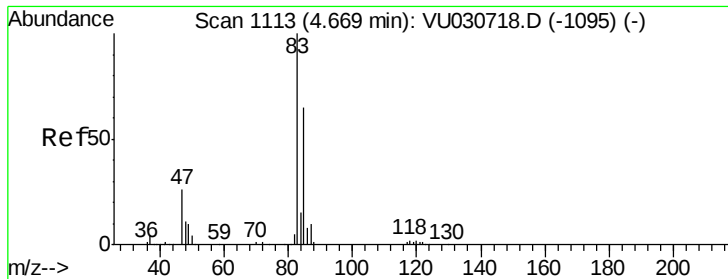
#20
 cis-1,2-Dichloroethene
 Concen: 10.386 ug/L
 RT: 4.22 min Scan# 975
 Delta R.T. 0.01 min
 Lab File: VU030740.D
 Acq: 05 Apr 2019 13:55

Tgt Ion: 96 Resp: 34874
 Ion Ratio Lower Upper
 96 100
 61 136.1 102.9 191.1
 68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

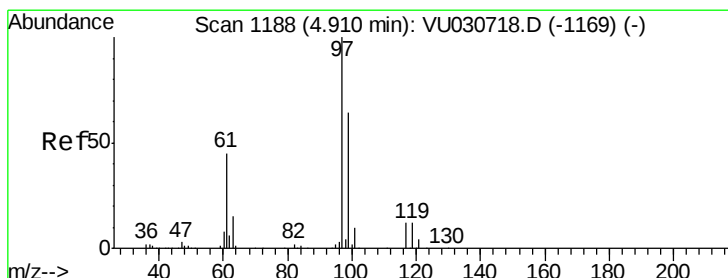
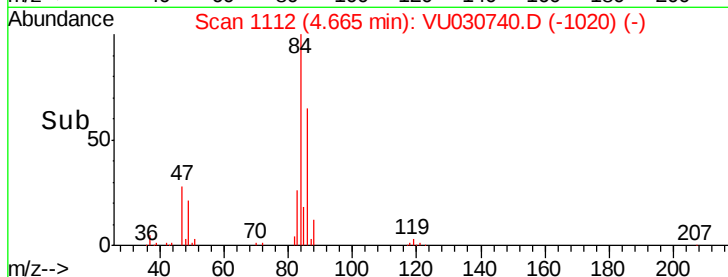
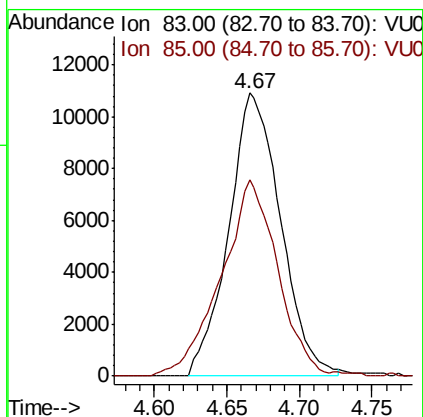
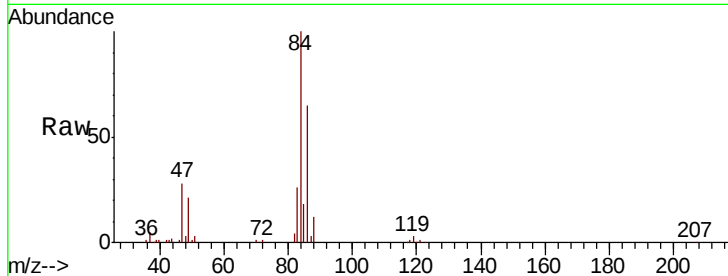




#25
Chloroform
Concen: 4.303 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VU030740.D
Acq: 05 Apr 2019 13:55

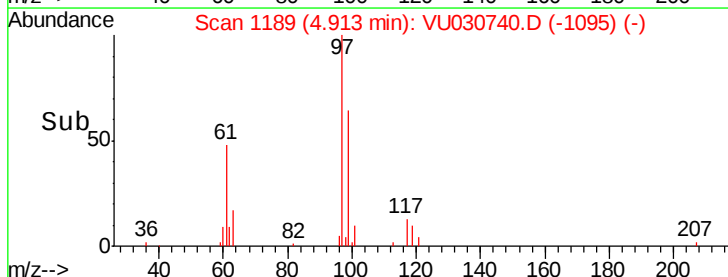
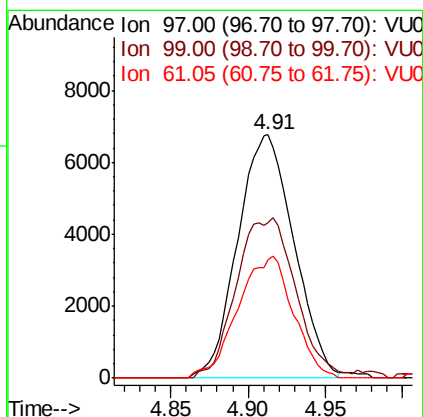
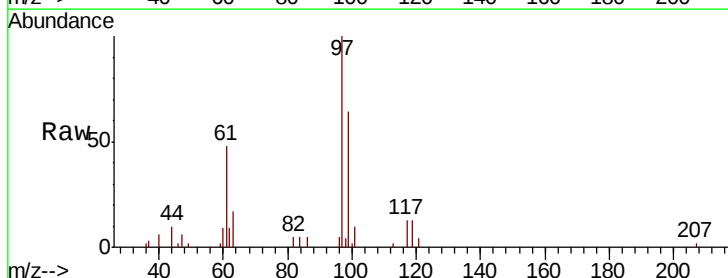
Instrument :
MSVOA_U
ClientSampleId :
E3YE1

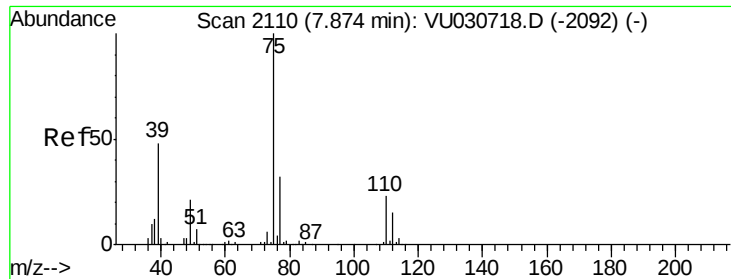
Tot Ion: 83 Resp: 27143
Ion Ratio Lower Upper
83 100
85 69.5 45.8 85.0



#30
1,1,1-Trichloroethane
Concen: 3.465 ug/L
RT: 4.91 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VU030740.D
Acq: 05 Apr 2019 13:55

Tgt Ion: 97 Resp: 17092
Ion Ratio Lower Upper
97 100
99 34.2 51.4 77.2#
61 25.0 37.1 55.7#





#44

trans-1,3-Dichloropropene

Concen: 0.722 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU030740.D

Acq: 05 Apr 2019 13:55

Instrument :

MSVOA_U

ClientSampleId :

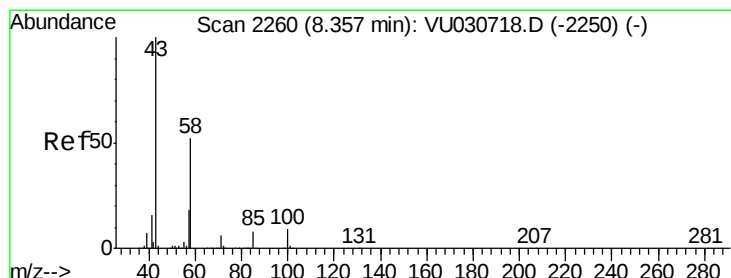
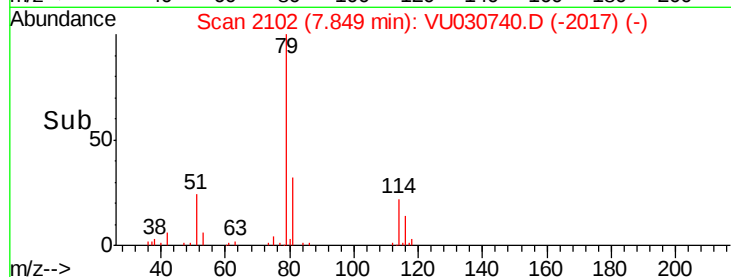
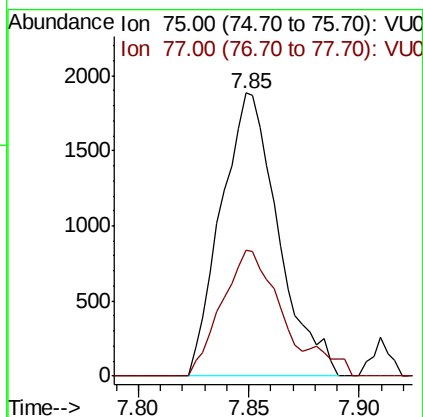
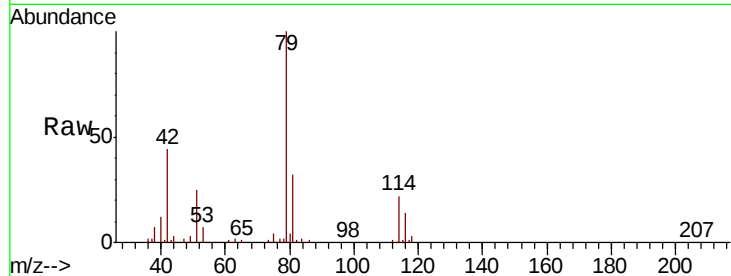
E3YE1

Tot Ion: 75 Resp: 3397

Ion Ratio Lower Upper

75 100

77 44.4 21.6 40.0#



#48

2-Hexanone

Concen: 4.916 ug/L

RT: 8.31 min Scan# 2245

Delta R.T. -0.05 min

Lab File: VU030740.D

Acq: 05 Apr 2019 13:55

Tgt Ion: 43 Resp: 23135

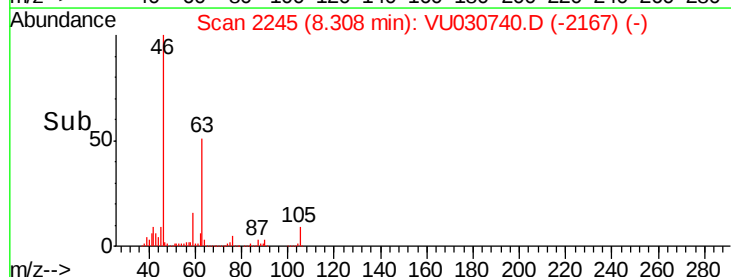
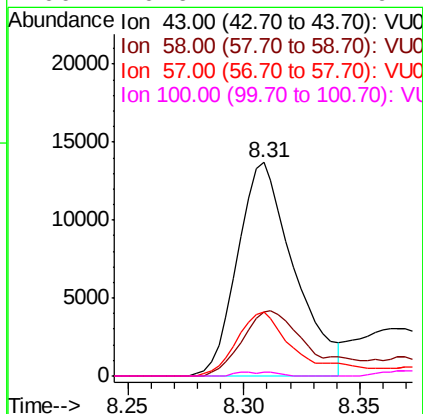
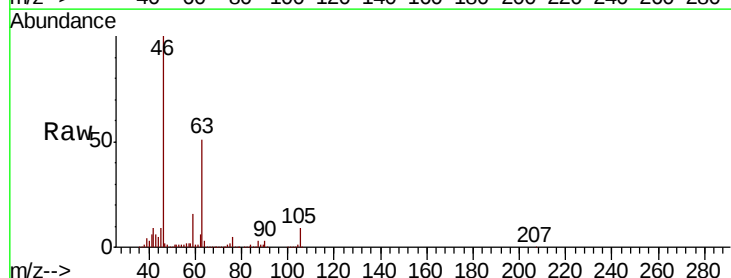
Ion Ratio Lower Upper

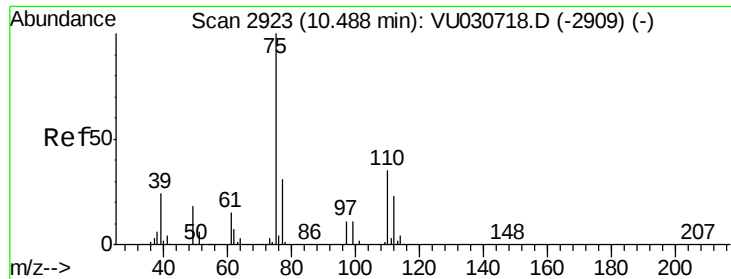
43 100

58 31.3 41.9 62.9#

57 31.6 14.3 21.5#

100 0.6 7.1 10.7#





#59

1,2,3-Trichloropropane

Concen: 4.785 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030740.D

Acq: 05 Apr 2019 13:55

Instrument :

MSVOA_U

ClientSampleId :

E3YE1

Tot Ion: 75 Resp: 21497

Ion Ratio Lower Upper

75 100

77 37.0 26.1 39.1

