

Data File : VU029802.D
Acq On : 04 Mar 2019 22:41
Operator : JC/SP
Sample : K1721-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF8B7

Quant Time: Mar 05 01:33:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 05 01:28:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	486878	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	466898	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	223862	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	133541	37.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.86%
7) Chloroethane-d5	1.68	69	110903	34.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.94%#
11) 1,1-Dichloroethene-d2	2.27	63	184839	26.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.00%#
21) 2-Butanone-d5	4.17	46	189258	87.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.17%
24) Chloroform-d	4.65	84	227440	39.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.62%
26) 1,2-Dichloroethane-d4	5.31	65	143138	39.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.14%
32) Benzene-d6	5.34	84	505693	43.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.08%
36) 1,2-Dichloropropane-d6	6.33	67	153643	43.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.94%
41) Toluene-d8	7.56	98	464855	38.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.54%#
43) trans-1,3-Dichloropropene-	7.85	79	66918	35.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.38%
47) 2-Hexanone-d5	8.31	63	156476	79.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.50%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	226530	37.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	75.86%
64) 1,2-Dichlorobenzene-d4	11.86	152	189194	39.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.44%#

Target Compounds

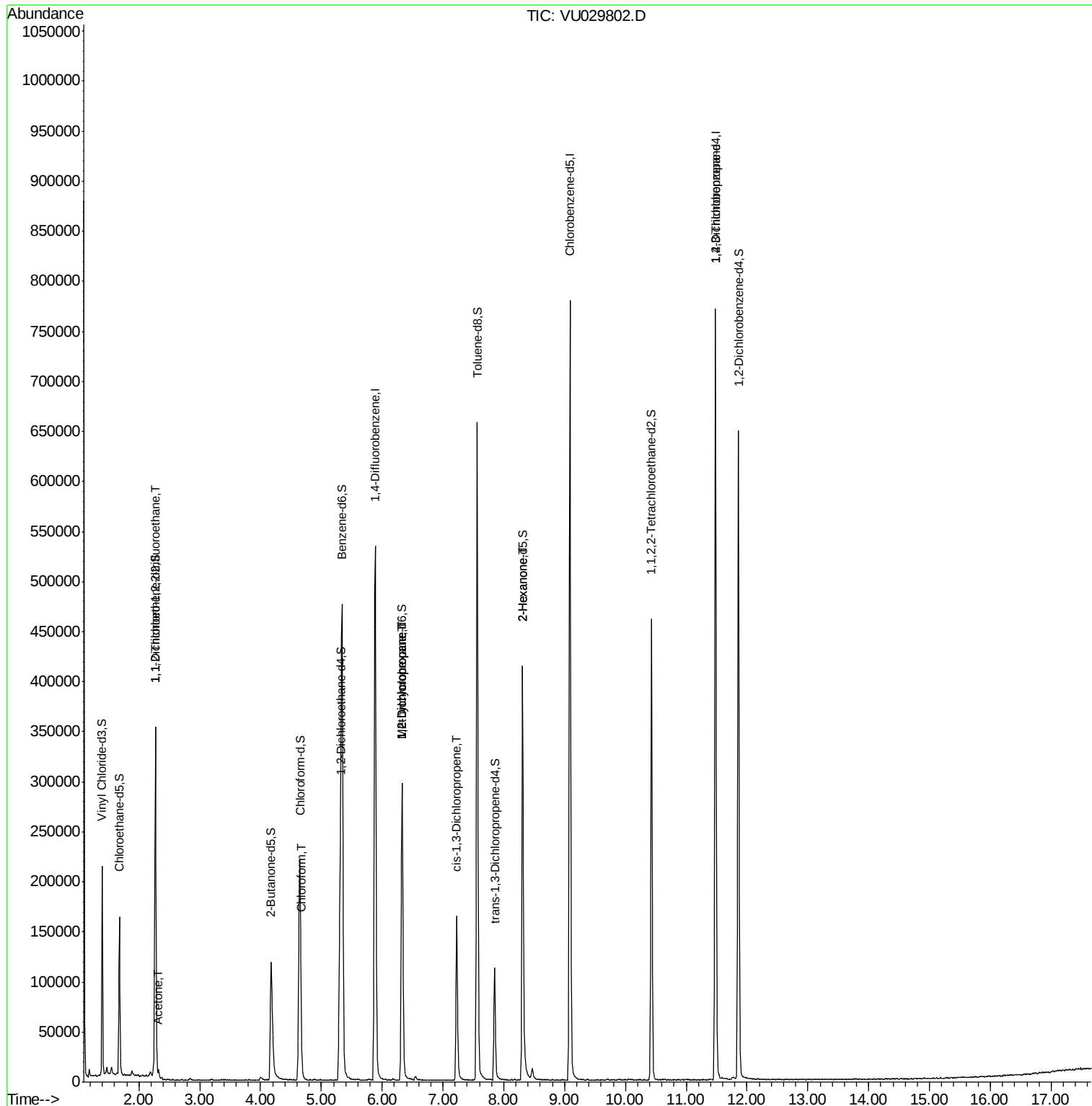
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1927	0.568	ug/L #	17
13) Acetone	2.32	43	7934	3.420	ug/L	99
25) Chloroform	4.67	83	4731	0.824	ug/L	90
35) Methylcyclohexane	6.33	83	35596	6.647	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	15174	4.829	ug/L #	86
39) cis-1,3-Dichloropropene	7.22	75	3753	0.740	ug/L #	57
48) 2-Hexanone	8.31	43	15556	4.030	ug/L #	70
59) 1,2,3-Trichloropropane	11.48	75	22703	5.067	ug/L	93

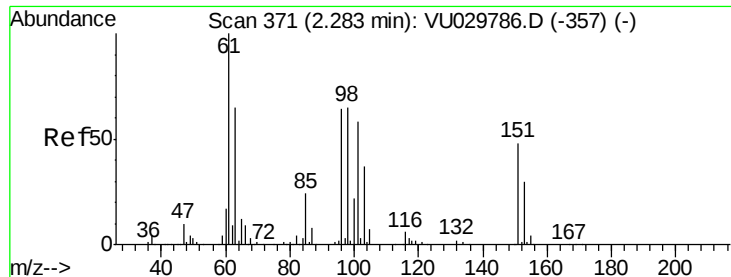
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.568 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029802.D

Acq: 04 Mar 2019 22:41

Instrument :

MSVOA_U

ClientSampleId :

BF8B7

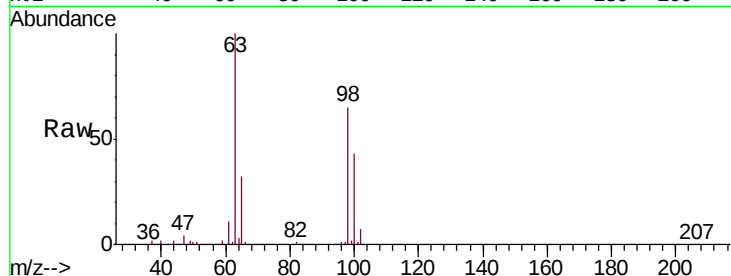
Tgt Ion: 101 Resp: 1927

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.6#

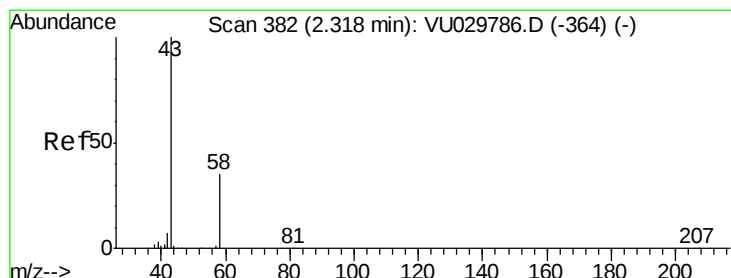
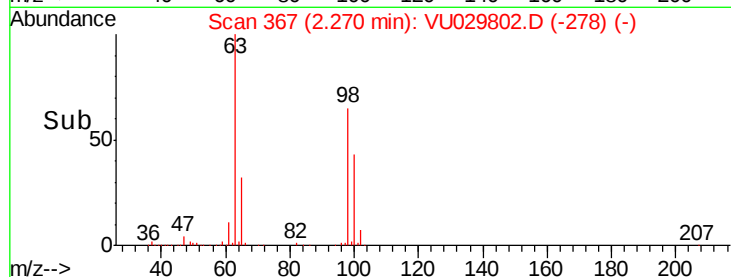
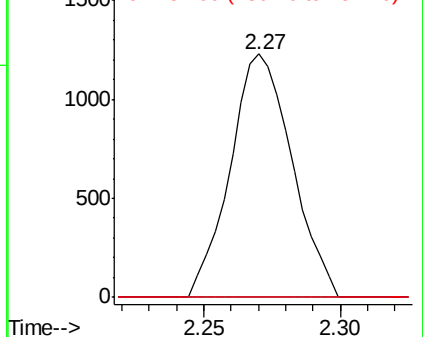
151 0.0 65.7 98.5#



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: 3.420 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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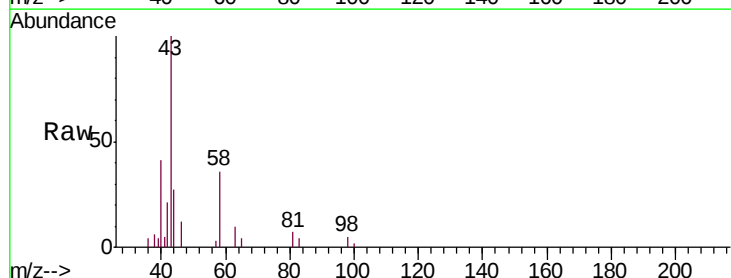
Acq: 04 Mar 2019 22:41

Tgt Ion: 43 Resp: 7934

Ion Ratio Lower Upper

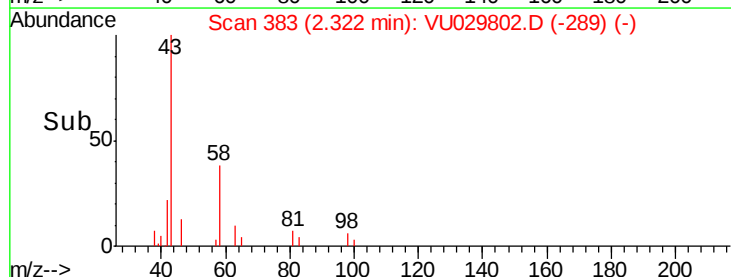
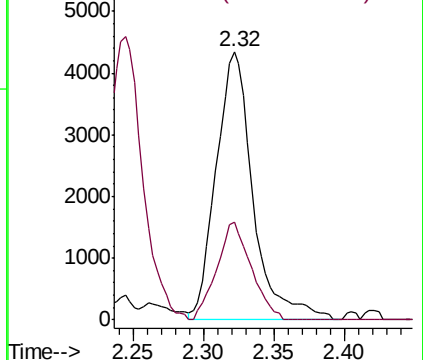
43 100

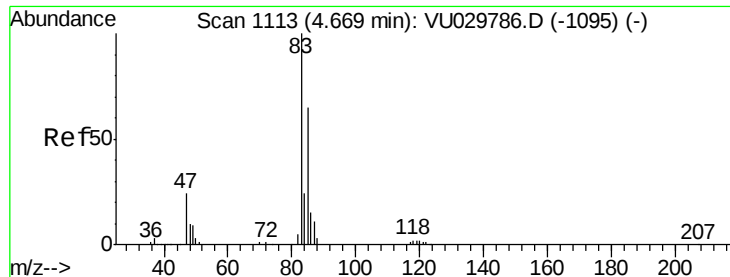
58 33.7 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

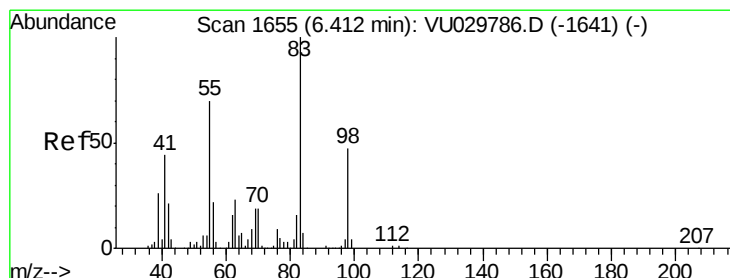
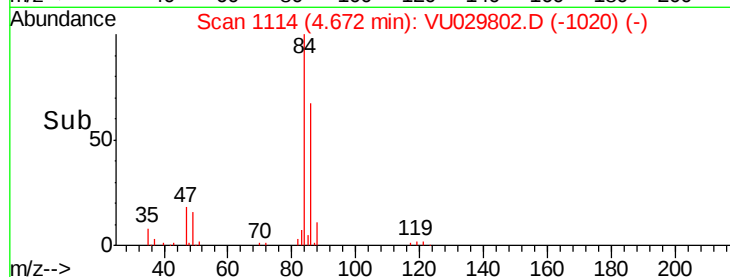
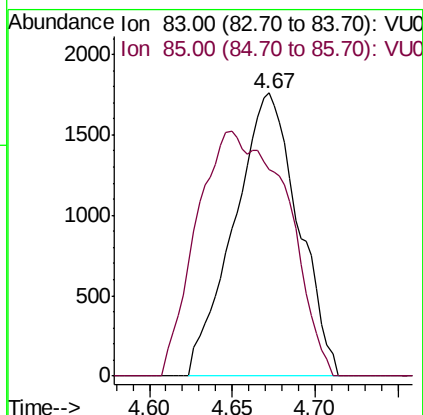
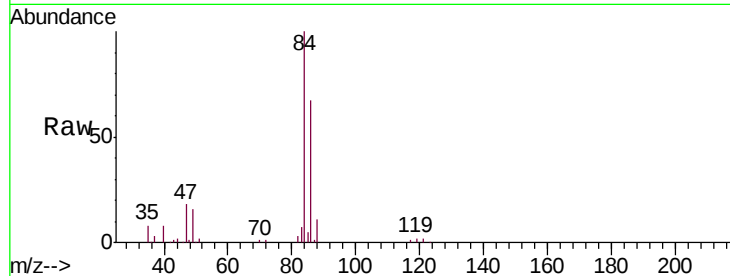




#25
Chloroform
Concen: 0.824 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029802.D
Acq: 04 Mar 2019 22:41

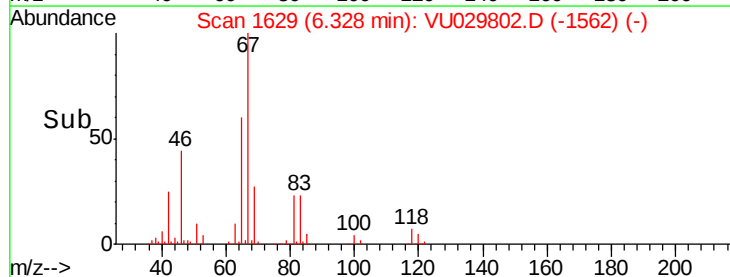
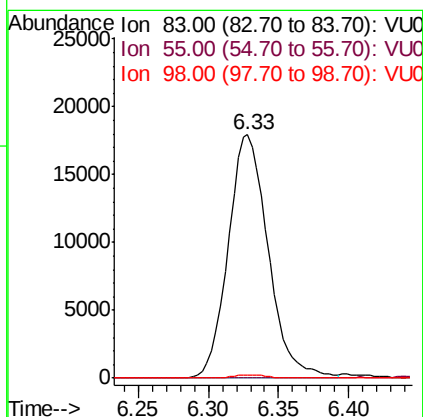
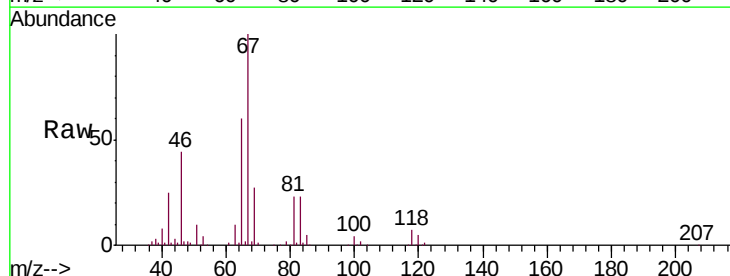
Instrument :
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ClientSampleId :
BF8B7

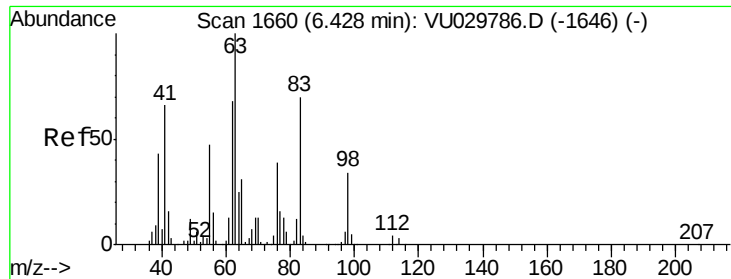
Tgt Ion: 83 Resp: 4731
Ion Ratio Lower Upper
83 100
85 73.0 45.4 84.2



#35
Methylcyclohexane
Concen: 6.647 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029802.D
Acq: 04 Mar 2019 22:41

Tgt Ion: 83 Resp: 35596
Ion Ratio Lower Upper
83 100
55 0.4 55.2 82.8#
98 0.6 39.4 59.2#





#37

1,2-Dichloropropane

Concen: 4.829 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU029802.D

Acq: 04 Mar 2019 22:41

Instrument :

MSVOA_U

ClientSampleId :

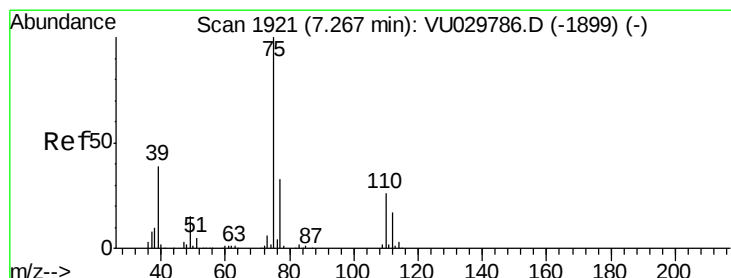
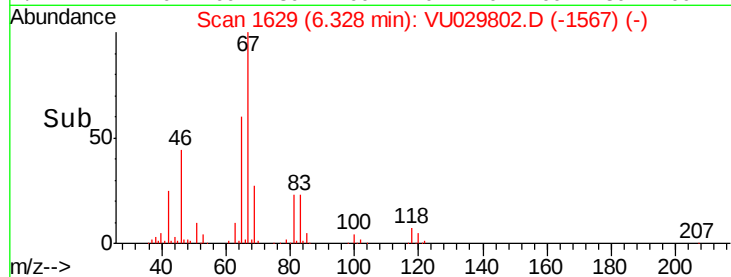
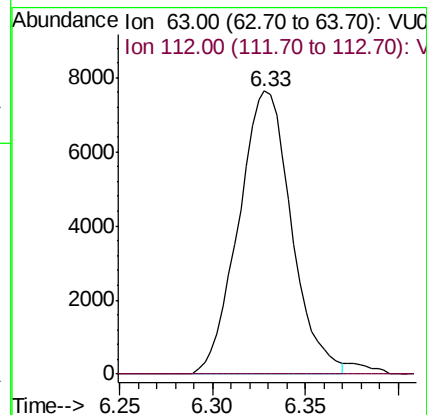
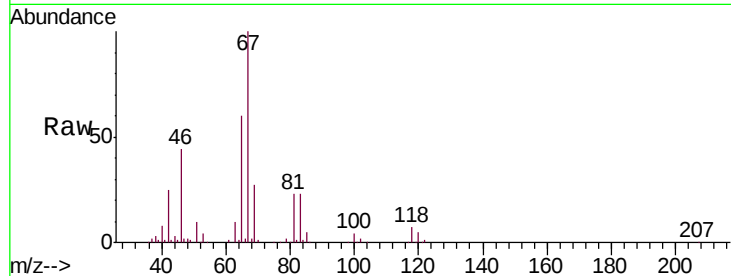
BF8B7

Tgt Ion: 63 Resp: 15174

Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#



#39

cis-1,3-Dichloropropene

Concen: 0.740 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU029802.D

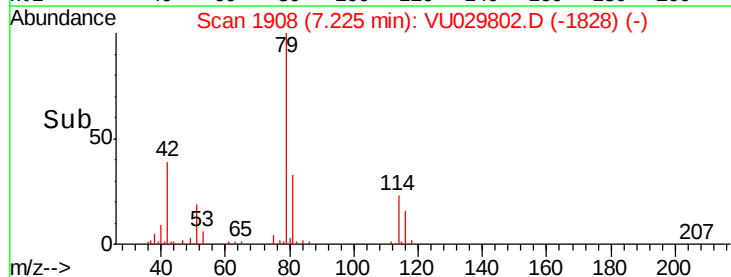
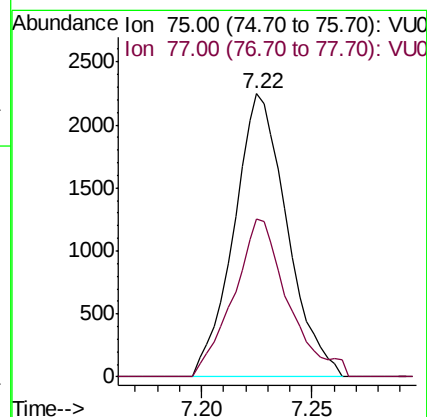
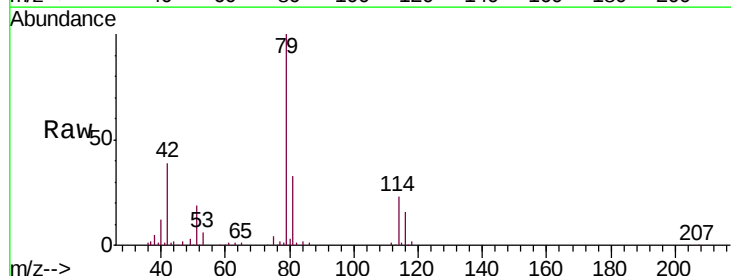
Acq: 04 Mar 2019 22:41

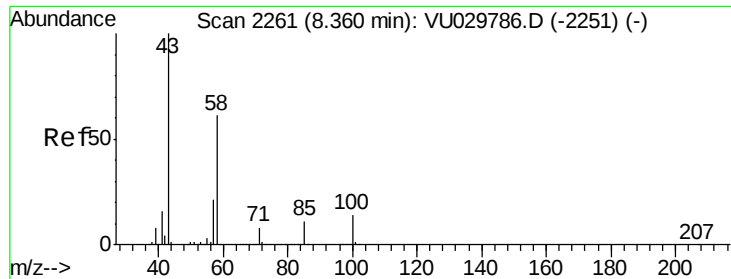
Tgt Ion: 75 Resp: 3753

Ion Ratio Lower Upper

75 100

77 56.0 22.3 41.5#

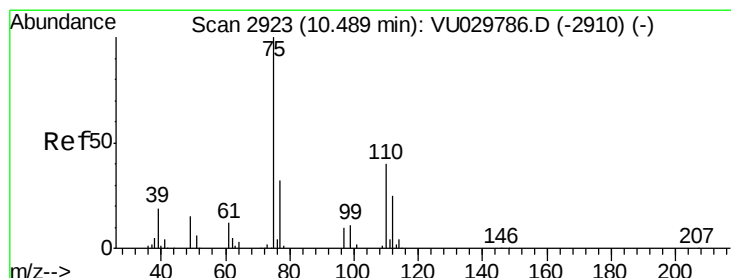
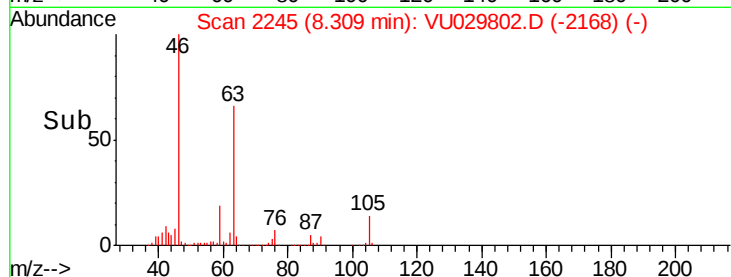
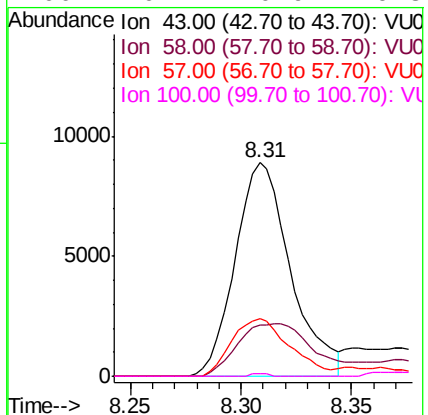
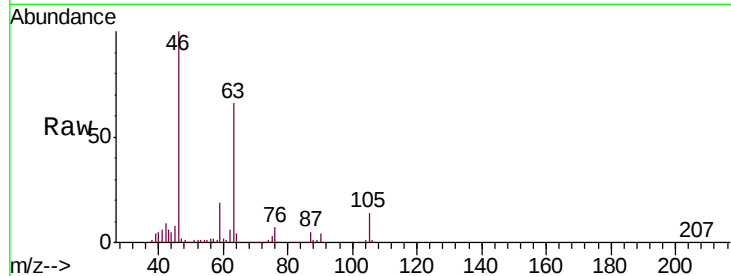




#48
2-Hexanone
Concen: 4.030 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU029802.D
Acq: 04 Mar 2019 22:41

Instrument :
MSVOA_U
ClientSampleId :
BF8B7

Tgt Ion: 43 Resp: 15556
Ion Ratio Lower Upper
43 100
58 33.6 46.4 69.6#
57 28.2 15.7 23.5#
100 0.4 10.9 16.3#



#59
1,2,3-Trichloropropane
Concen: 5.067 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU029802.D
Acq: 04 Mar 2019 22:41

Tgt Ion: 75 Resp: 22703
Ion Ratio Lower Upper
75 100
77 36.0 25.7 38.5

