

Data File : VU029857.D
Acq On : 07 Mar 2019 17:05
Operator : JC/SP
Sample : K1734-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1E5

Quant Time: Mar 08 04:34:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 08 04:31:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	473392	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	453995	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	208817	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	134156	38.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.34%
7) Chloroethane-d5	1.68	69	117097	37.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.94%
11) 1,1-Dichloroethene-d2	2.27	63	195202	28.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.58%#
21) 2-Butanone-d5	4.17	46	220479	104.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.44%
24) Chloroform-d	4.64	84	265814	47.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.50%
26) 1,2-Dichloroethane-d4	5.31	65	164464	46.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.34%
32) Benzene-d6	5.34	84	560310	49.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.10%
36) 1,2-Dichloropropane-d6	6.33	67	175552	51.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.16%
41) Toluene-d8	7.56	98	510969	43.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.66%
43) trans-1,3-Dichloropropene-	7.85	79	77908	42.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.48%
47) 2-Hexanone-d5	8.31	63	176242	92.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.08%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	272234	46.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.76%
64) 1,2-Dichlorobenzene-d4	11.86	152	212072	47.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.26%

Target Compounds

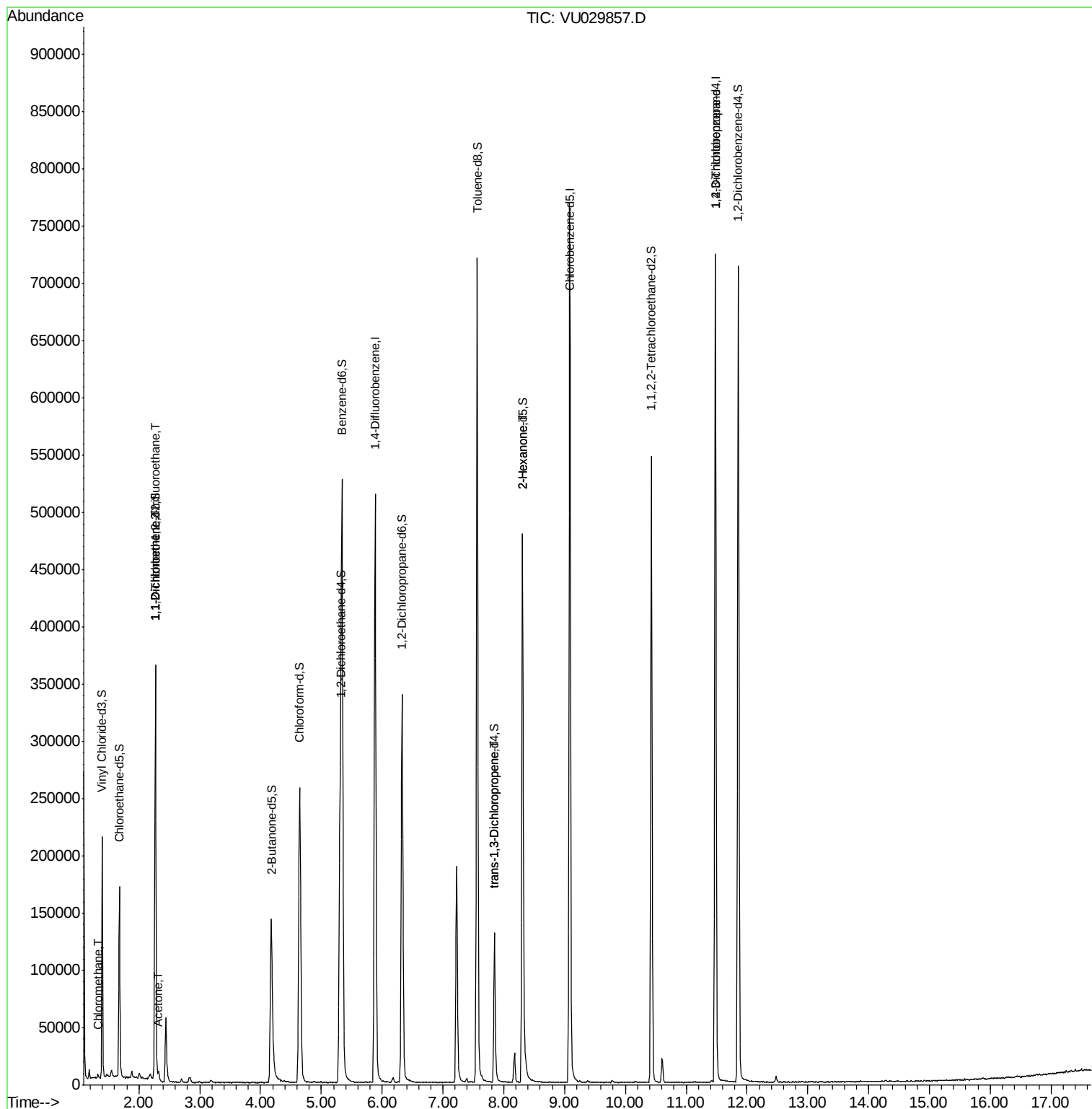
					Qvalue
3) Chloromethane	1.33	50	2168	0.761 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2059	0.624 ug/L #	20
12) 1,1-Dichloroethene	2.27	96	1828	0.583 ug/L #	1
13) Acetone	2.32	43	7054	3.127 ug/L	94
44) trans-1,3-Dichloropropene	7.85	75	3130	0.674 ug/L	95
48) 2-Hexanone	8.31	43	18363	4.892 ug/L #	69
59) 1,2,3-Trichloropropane	11.48	75	21591	4.956 ug/L	95

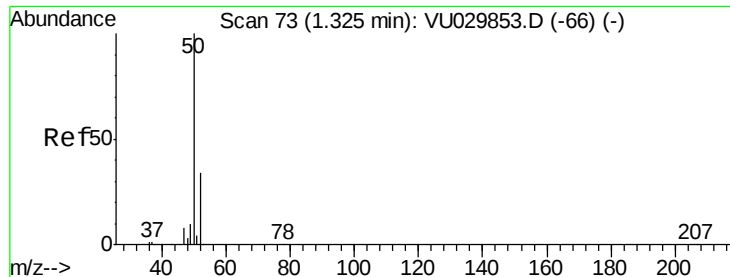
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.761 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU029857.D

Acq: 07 Mar 2019 17:05

Instrument :

MSVOA_U

ClientSampleId :

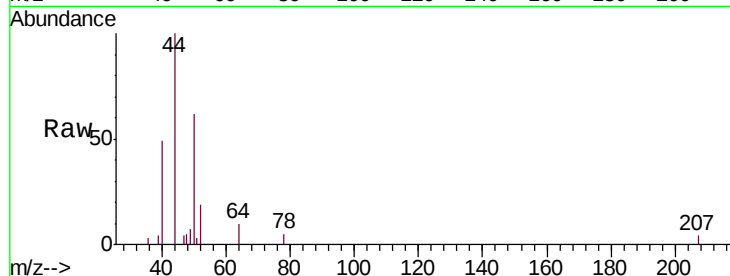
BF1E5

Tgt Ion: 50 Resp: 2168

Ion Ratio Lower Upper

50 100

52 31.0 23.9 44.3



Abundance Ion 50.00 (49.70 to 50.70): VU029853.D (-66) (-)

Ion 52.00 (51.70 to 52.70): VU029857.D (-1) (-)

1.33

2500

2000

1500

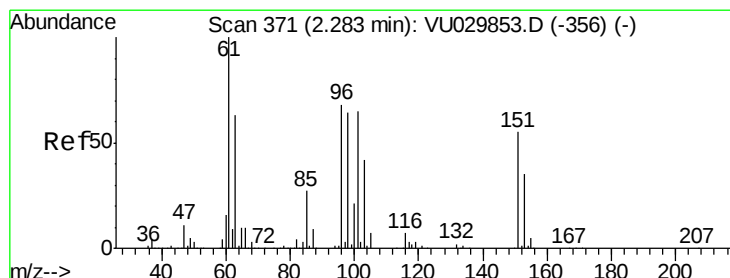
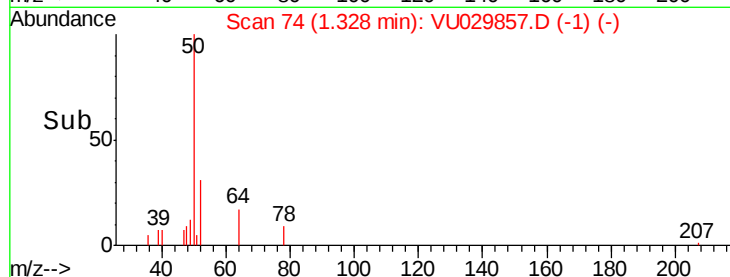
1000

500

0

1.30 1.32 1.34 1.36

Time-->



#10

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

Concen: 0.624 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029857.D

Acq: 07 Mar 2019 17:05

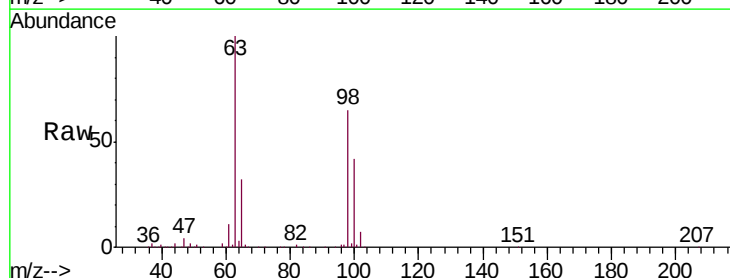
Tgt Ion: 101 Resp: 2059

Ion Ratio Lower Upper

101 100

85 2.4 33.0 49.6#

151 1.9 65.7 98.5#



Abundance Ion 101.00 (100.70 to 101.70): VU029853.D (-356) (-)

Ion 85.00 (84.70 to 85.70): VU029857.D (-278) (-)

Ion 151.00 (150.70 to 151.70): VU029857.D (-278) (-)

2.27

1500

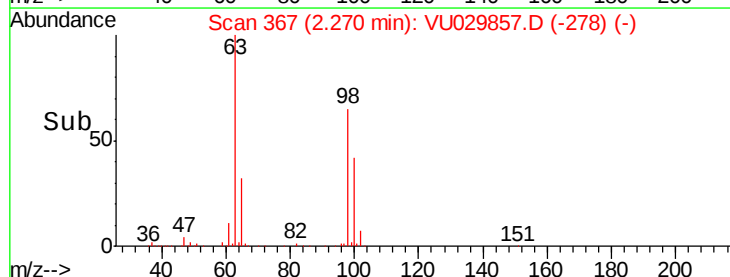
1000

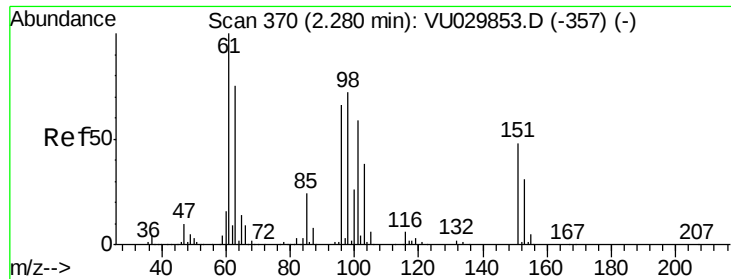
500

0

2.25 2.30

Time-->





#12

1,1-Dichloroethene

Concen: 0.583 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029857.D

Acq: 07 Mar 2019 17:05

Instrument :

MSVOA_U

ClientSampled :

BF1E5

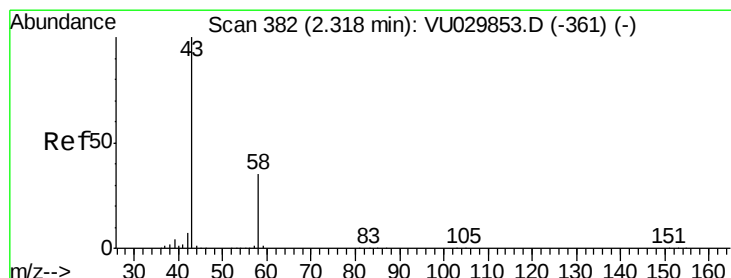
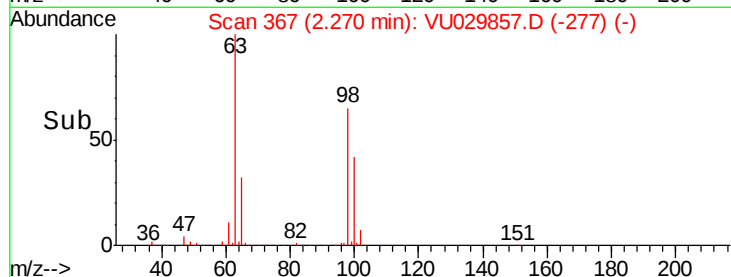
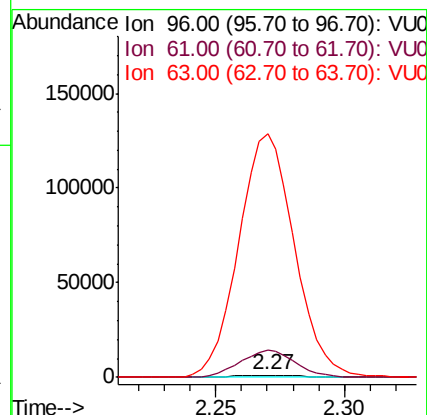
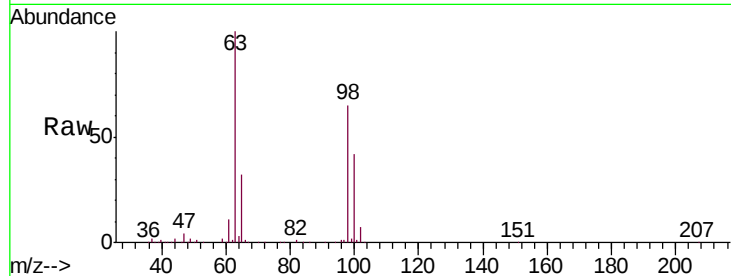
Tgt Ion: 96 Resp: 1828

Ion Ratio Lower Upper

96 100

61 1418.6 114.0 211.8#

63 12838.3 98.7 183.3#



#13

Acetone

Concen: 3.127 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029857.D

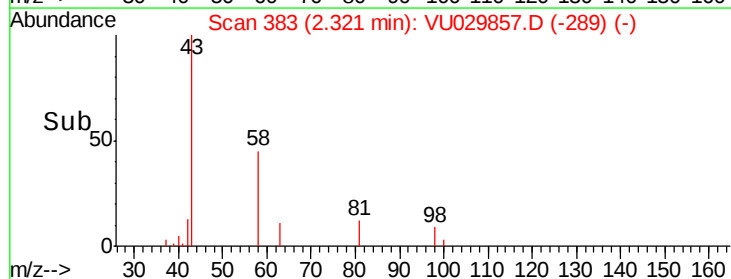
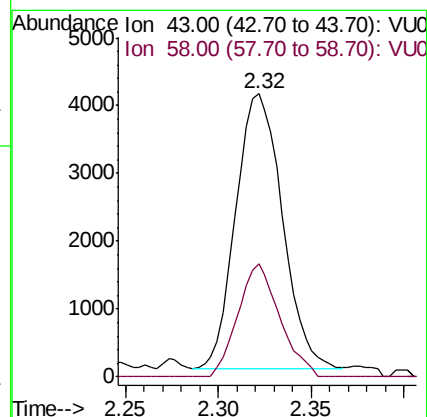
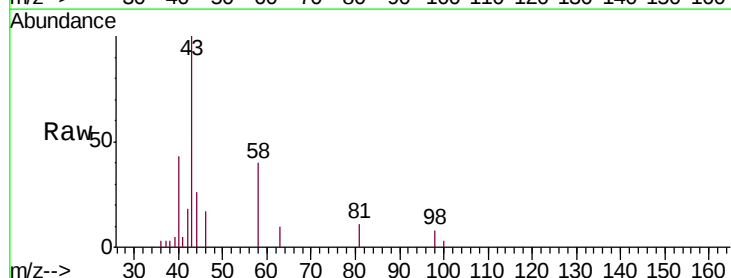
Acq: 07 Mar 2019 17:05

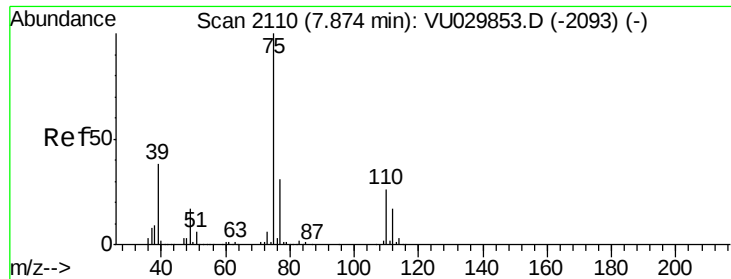
Tgt Ion: 43 Resp: 7054

Ion Ratio Lower Upper

43 100

58 37.0 0.0 66.8

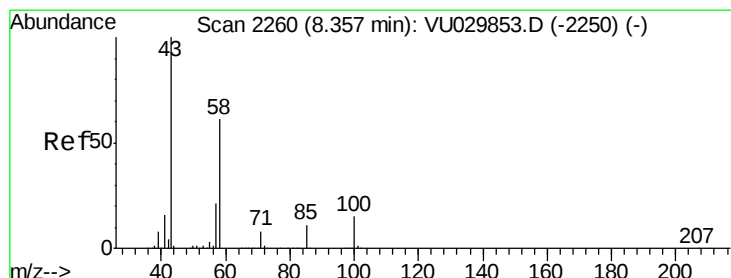
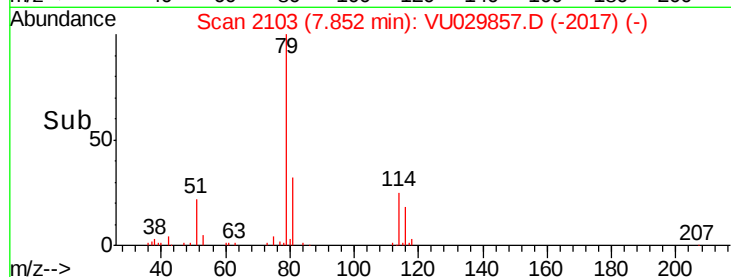
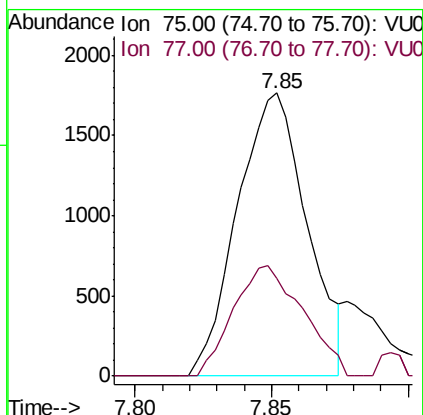
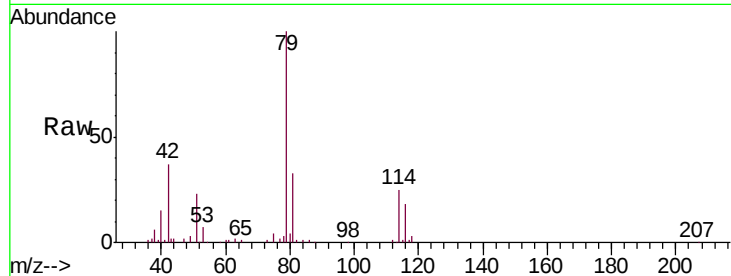




#44
trans-1,3-Dichloropropene
Concen: 0.674 ug/L
RT: 7.85 min Scan# 2103
Delta R.T. -0.02 min
Lab File: VU029857.D
Acq: 07 Mar 2019 17:05

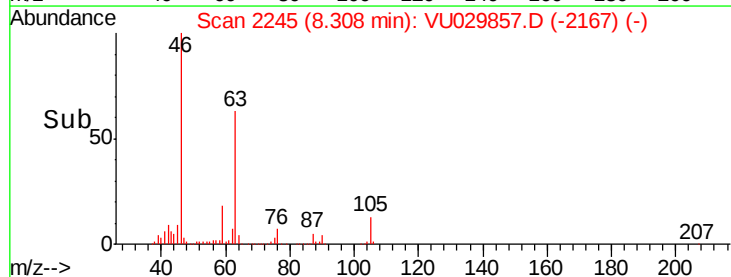
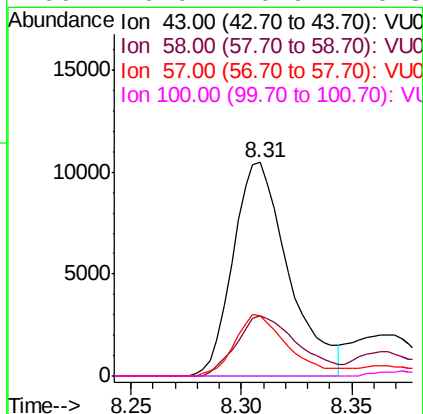
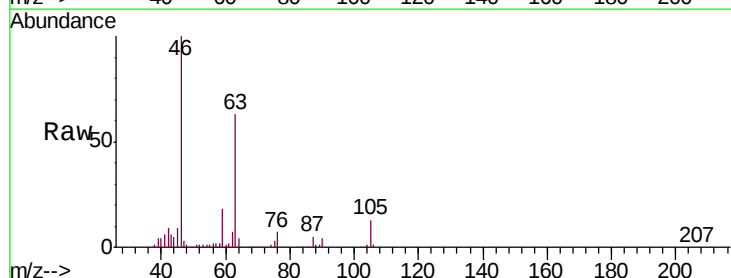
Instrument :
MSVOA_U
ClientSampleId :
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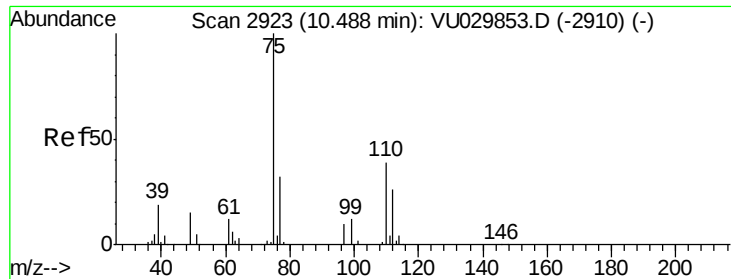
Tgt Ion: 75 Resp: 3130
Ion Ratio Lower Upper
75 100
77 34.4 22.1 41.1



#48
2-Hexanone
Concen: 4.892 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU029857.D
Acq: 07 Mar 2019 17:05

Tgt Ion: 43 Resp: 18363
Ion Ratio Lower Upper
43 100
58 31.5 46.4 69.6#
57 27.1 15.7 23.5#
100 0.0 10.9 16.3#





#59

1,2,3-Trichloropropane

Concen: 4.956 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029857.D

Acq: 07 Mar 2019 17:05

Instrument :

MSVOA_U

ClientSampleId :

BF1E5

Tgt Ion: 75 Resp: 21591

Ion Ratio Lower Upper

75 100

77 35.0 25.7 38.5

