

Data File : VU029869.D
Acq On : 07 Mar 2019 22:31
Operator : JC/SP
Sample : K1789-07
Misc : 5.98g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0P3ME

Quant Time: Mar 08 04:36:46 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	503914	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	500015	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	262392	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	119161	32.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.54%
7) Chloroethane-d5	1.70	69	39	0.01	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.02%#
11) 1,1-Dichloroethene-d2	2.23	63	176183	24.41	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	48.82%#
21) 2-Butanone-d5	4.19	46	227455	101.22	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.22%
24) Chloroform-d	4.64	84	243633	40.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.36%
26) 1,2-Dichloroethane-d4	5.30	65	157604	41.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.12%
32) Benzene-d6	5.33	84	536656	42.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.30%
36) 1,2-Dichloropropane-d6	6.32	67	168396	44.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.98%
41) Toluene-d8	7.56	98	484318	37.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.44%#
43) trans-1,3-Dichloropropene-	7.85	79	74045	36.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.76%
47) 2-Hexanone-d5	8.32	63	208926	99.11	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.11%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	293881	45.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.90%
64) 1,2-Dichlorobenzene-d4	11.86	152	233292	41.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.52%

Target Compounds

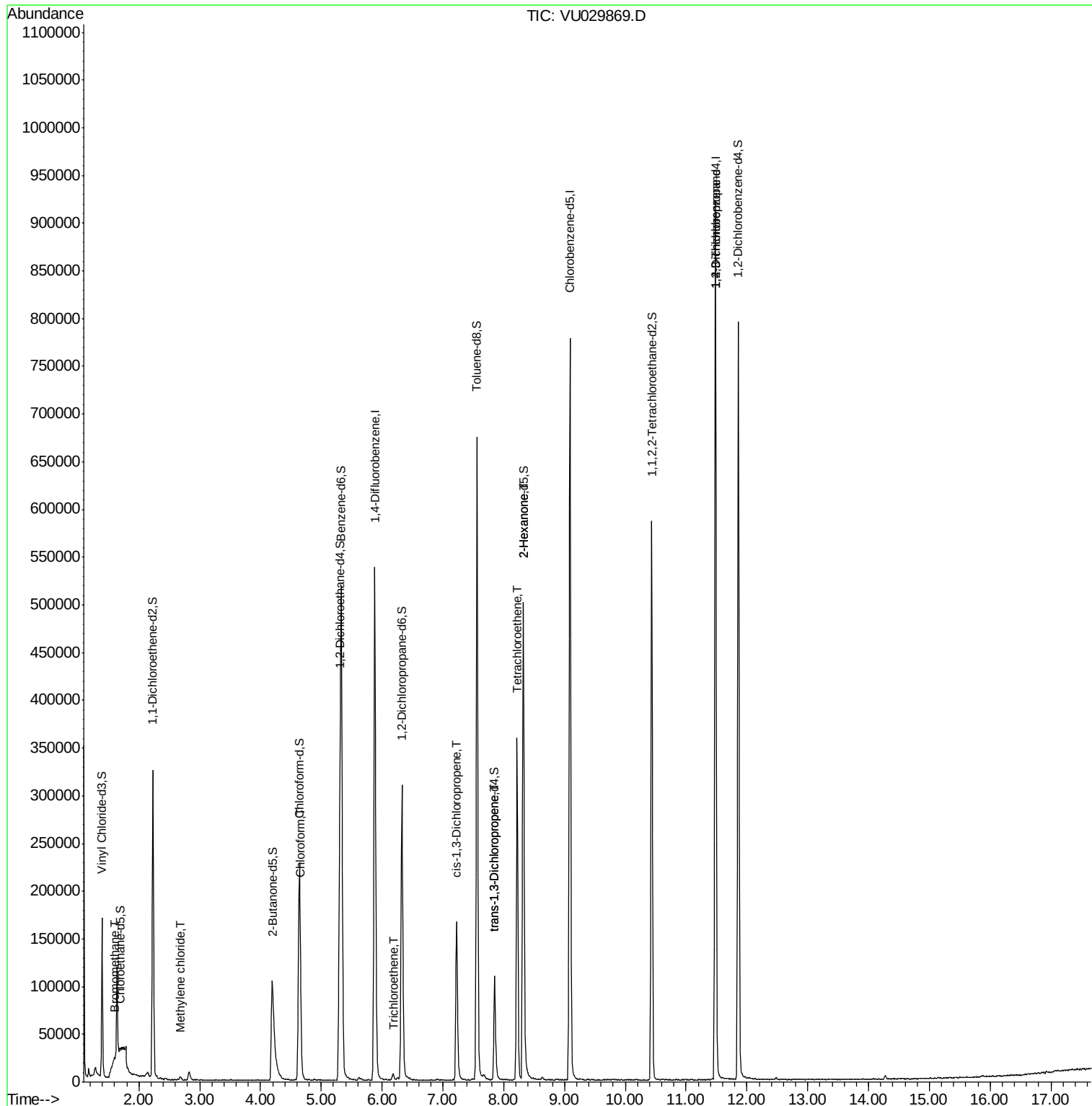
					Qvalue
6) Bromomethane	1.60	94	1376	0.732 ug/L	97
16) Methylene chloride	2.68	84	1843	0.571 ug/L	84
25) Chloroform	4.66	83	7244	1.219 ug/L	99
34) Trichloroethene	6.19	95	1854	0.537 ug/L	97
39) cis-1,3-Dichloropropene	7.22	75	4050	0.746 ug/L #	80
44) trans-1,3-Dichloropropene	7.85	75	2823	0.552 ug/L	84
46) Tetrachloroethene	8.22	164	88926	26.308 ug/L	99
48) 2-Hexanone	8.32	43	20799	5.031 ug/L #	54
59) 1,2,3-Trichloropropane	11.48	75	26001	5.419 ug/L	90

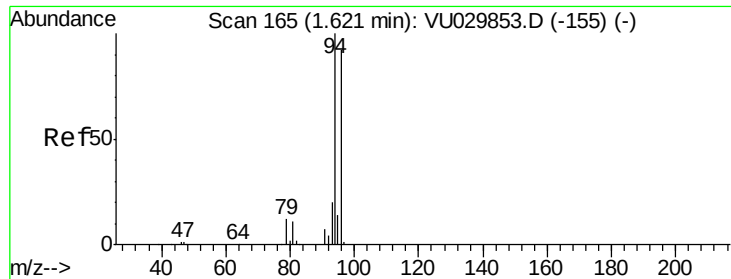
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU029869.D
Acq On : 07 Mar 2019 22:31
Operator : JC/SP
Sample : K1789-07
Misc : 5.98g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0P3ME

Quant Time: Mar 08 04:36:46 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





#6

Bromomethane

Concen: 0.732 ug/L

RT: 1.60 min Scan# 158

Delta R.T. -0.02 min

Lab File: VU029869.D

Acq: 07 Mar 2019 22:31

Instrument :

MSVOA_U

ClientSampleId :

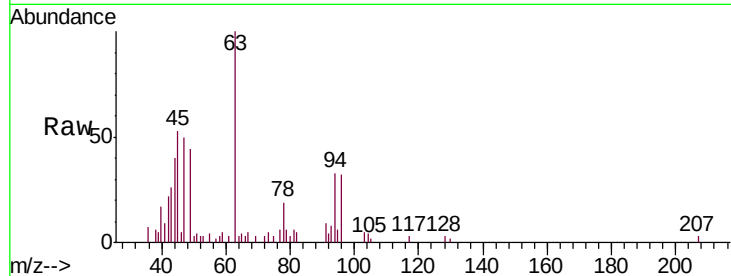
BF0P3ME

Tgt Ion: 94 Resp: 1376

Ion Ratio Lower Upper

94 100

96 97.3 66.4 123.2



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0

1500

1000

500

0

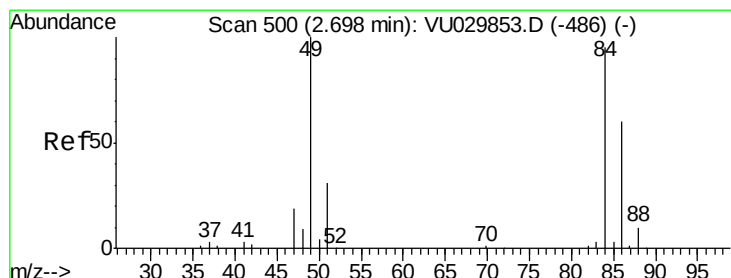
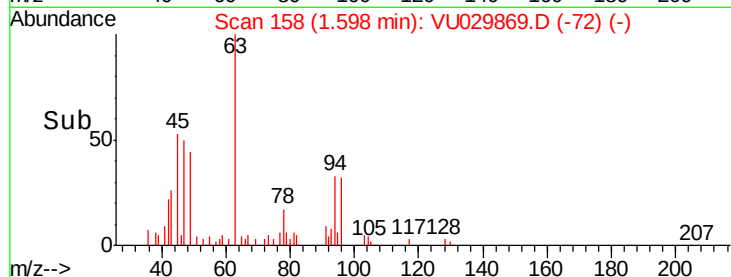
1.56

1.58

1.60

1.62

Time-->



#16

Methylene chloride

Concen: 0.571 ug/L

RT: 2.68 min Scan# 495

Delta R.T. -0.02 min

Lab File: VU029869.D

Acq: 07 Mar 2019 22:31

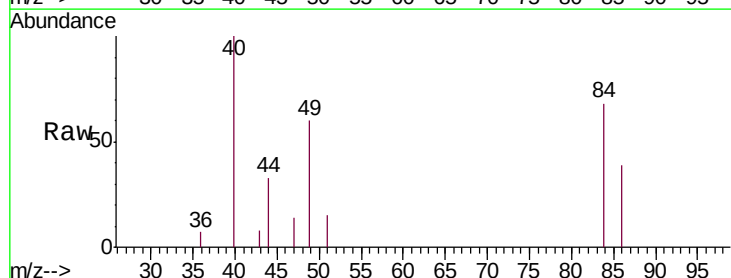
Tgt Ion: 84 Resp: 1843

Ion Ratio Lower Upper

84 100

86 56.4 45.8 85.0

49 87.6 75.1 139.5



Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.00 (48.70 to 49.70): VU0

1500

1000

500

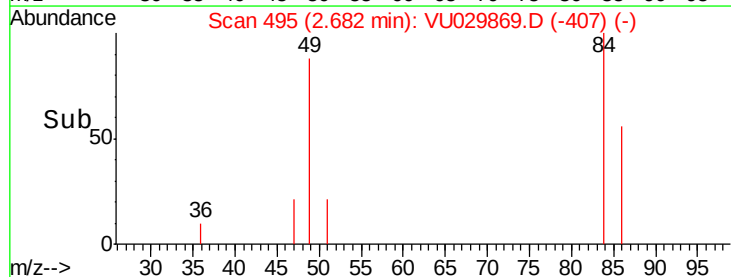
0

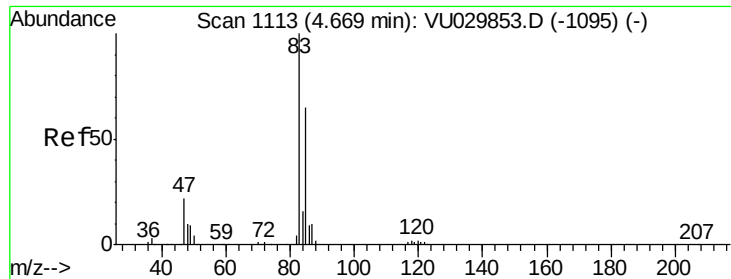
2.65

2.68

2.70

Time-->

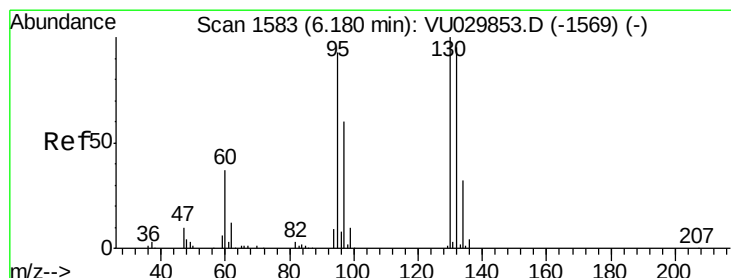
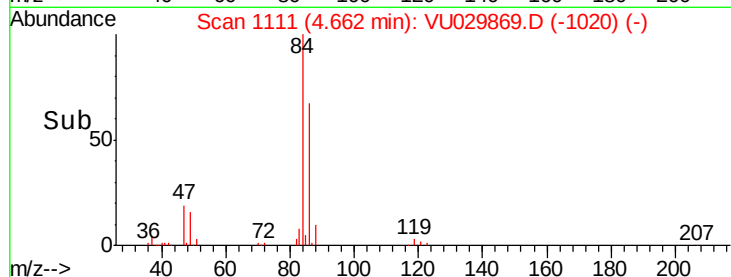
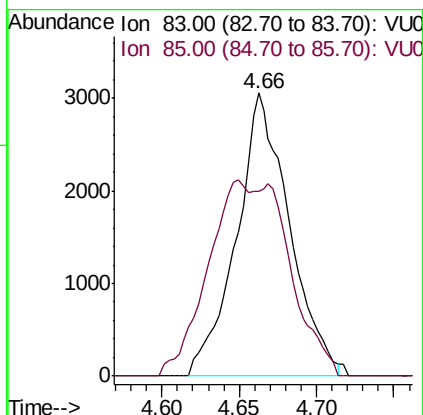
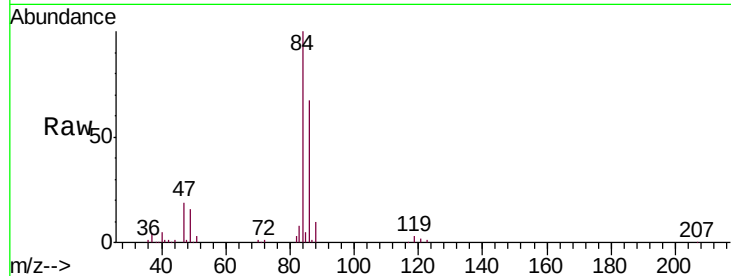




#25
Chloroform
Concen: 1.219 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VU029869.D
Acq: 07 Mar 2019 22:31

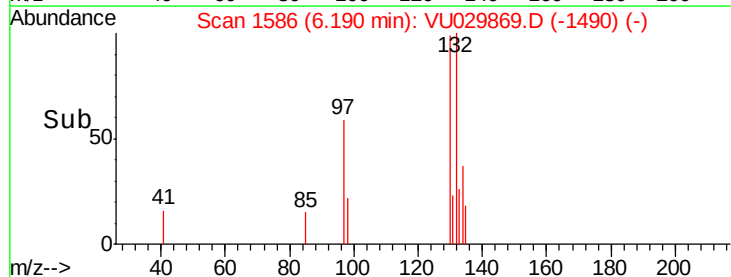
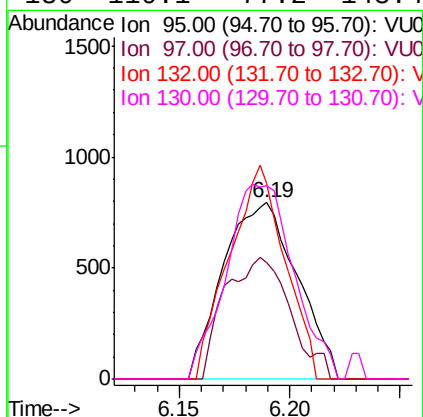
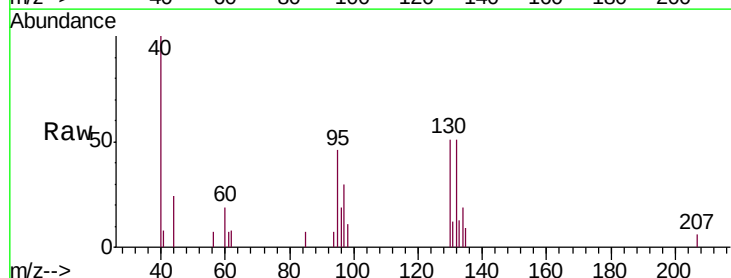
Instrument :
MSVOA_U
ClientSampleId :
BF0P3ME

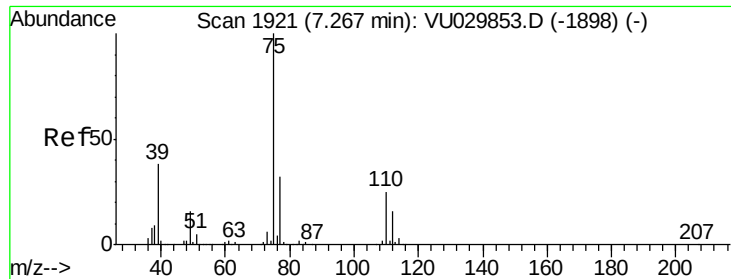
Tgt Ion: 83 Resp: 7244
Ion Ratio Lower Upper
83 100
85 65.4 45.4 84.2



#34
Trichloroethene
Concen: 0.537 ug/L
RT: 6.19 min Scan# 1586
Delta R.T. 0.01 min
Lab File: VU029869.D
Acq: 07 Mar 2019 22:31

Tgt Ion: 95 Resp: 1854
Ion Ratio Lower Upper
95 100
97 66.1 44.6 82.8
132 111.5 74.6 138.6
130 110.1 77.2 143.4





#39

cis-1,3-Dichloropropene

Concen: 0.746 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU029869.D

Acq: 07 Mar 2019 22:31

Instrument :

MSVOA_U

ClientSampleId :

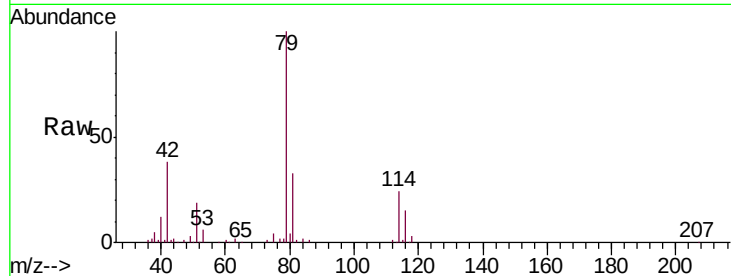
BF0P3ME

Tgt Ion: 75 Resp: 4050

Ion Ratio Lower Upper

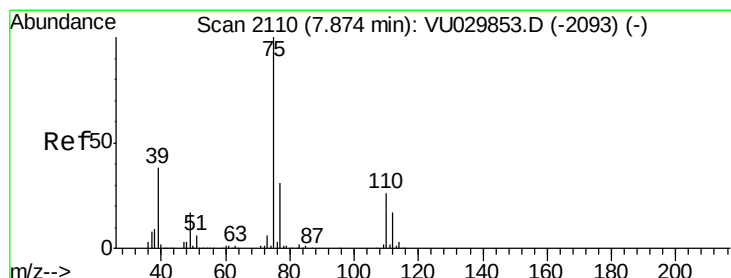
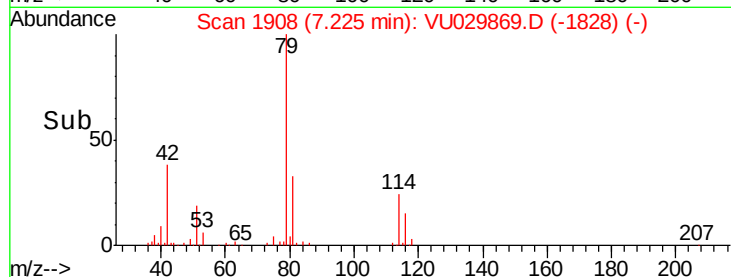
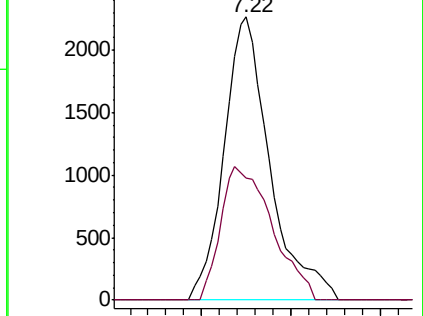
75 100

77 42.9 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.552 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU029869.D

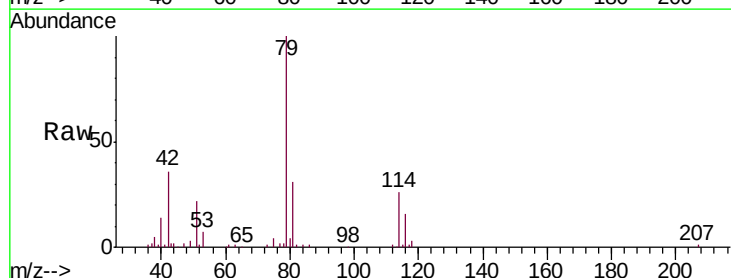
Acq: 07 Mar 2019 22:31

Tgt Ion: 75 Resp: 2823

Ion Ratio Lower Upper

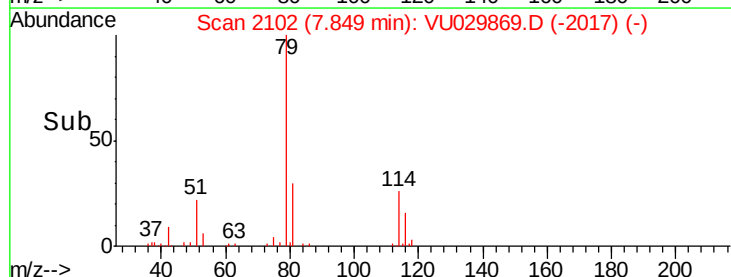
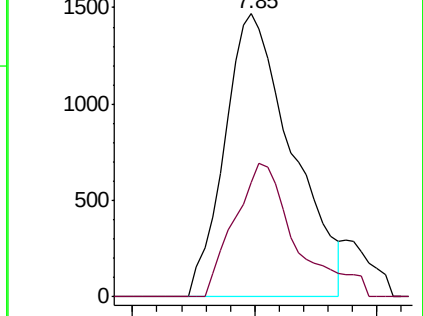
75 100

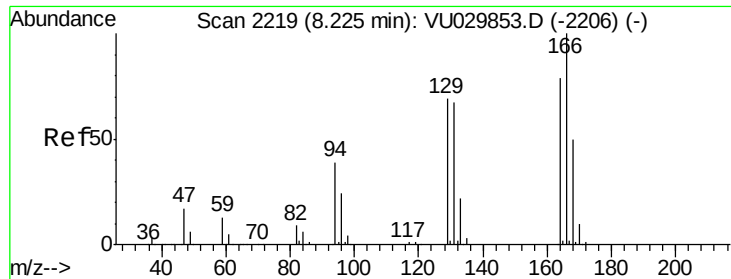
77 40.6 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

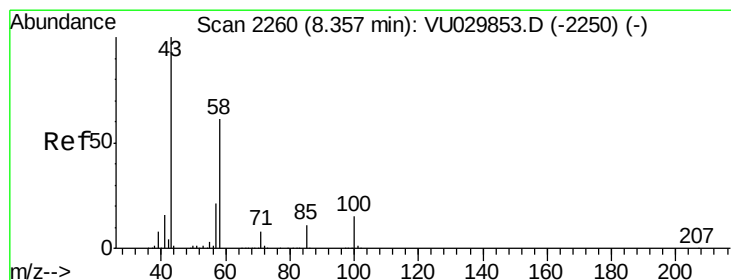
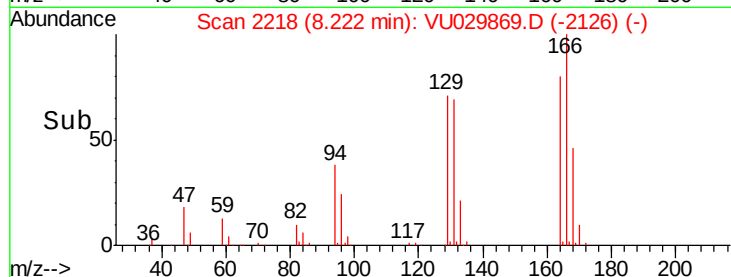
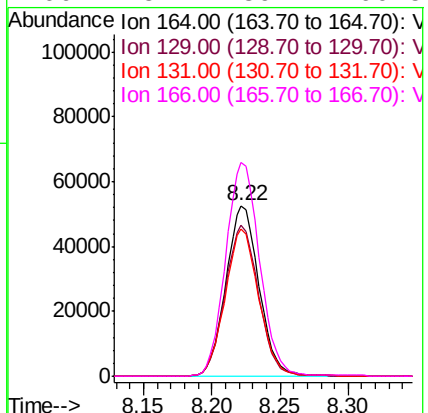
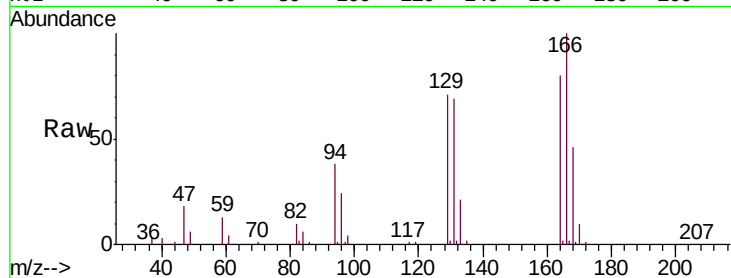




#46
Tetrachloroethene
Concen: 26.308 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU029869.D
Acq: 07 Mar 2019 22:31

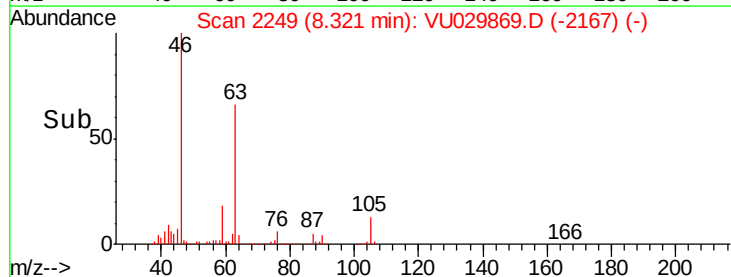
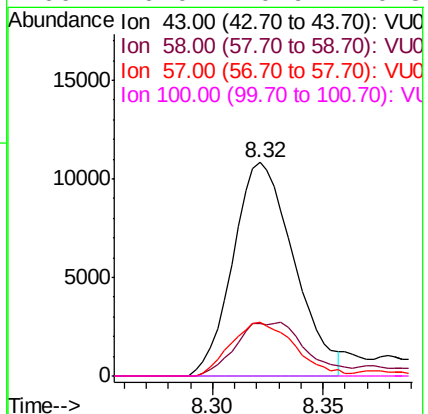
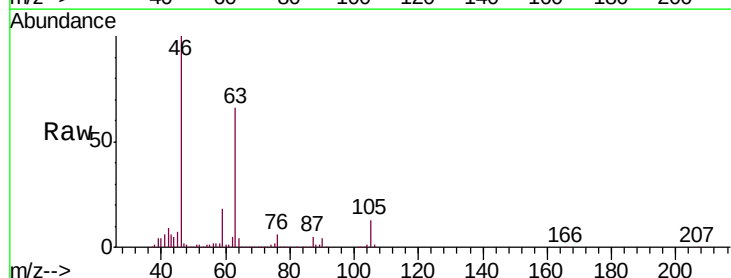
Instrument :
MSVOA_U
ClientSampleId :
BF0P3ME

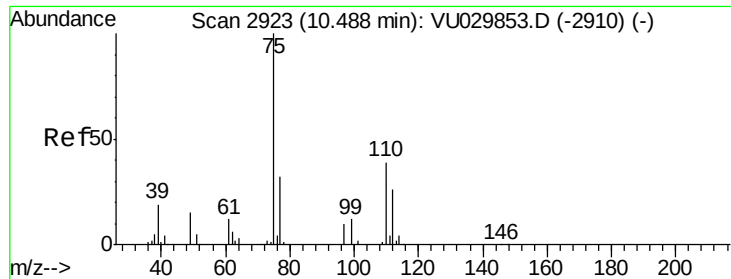
Tgt Ion:164 Resp: 88926
Ion Ratio Lower Upper
164 100
129 88.7 62.1 115.3
131 86.8 60.1 111.5
166 125.4 89.7 166.5



#48
2-Hexanone
Concen: 5.031 ug/L
RT: 8.32 min Scan# 2249
Delta R.T. -0.04 min
Lab File: VU029869.D
Acq: 07 Mar 2019 22:31

Tgt Ion: 43 Resp: 20799
Ion Ratio Lower Upper
43 100
58 14.0 46.4 69.6#
57 26.2 15.7 23.5#
100 0.0 10.9 16.3#





#59

1,2,3-Trichloropropane

Concen: 5.419 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029869.D

Acq: 07 Mar 2019 22:31

Instrument :

MSVOA_U

ClientSampleId :

BF0P3ME

Tgt Ion: 75 Resp: 26001

Ion Ratio Lower Upper

75 100

77 37.6 25.7 38.5

