

Data File : VU033249.D
Acq On : 15 Jul 2019 11:24
Operator : JC/SP
Sample : K3787-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Jul 16 01:49:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 16 01:46:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	299350	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	300174	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	134287	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	101941	44.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.98%
7) Chloroethane-d5	1.67	69	93001	48.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.08%
11) 1,1-Dichloroethene-d2	2.26	63	139725	33.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.98%
21) 2-Butanone-d5	4.15	46	148013	103.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.09%
24) Chloroform-d	4.62	84	179766	47.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.68%
26) 1,2-Dichloroethane-d4	5.29	65	121679	49.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.92%
32) Benzene-d6	5.32	84	364215	49.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.92%
36) 1,2-Dichloropropane-d6	6.31	67	118654	50.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.60%
41) Toluene-d8	7.55	98	326956	47.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.16%
43) trans-1,3-Dichloropropene-	7.83	79	54863	47.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.86%
47) 2-Hexanone-d5	8.29	63	109246	102.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.73%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	179050	50.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.30%
64) 1,2-Dichlorobenzene-d4	11.85	152	124147	51.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.68%

Target Compounds

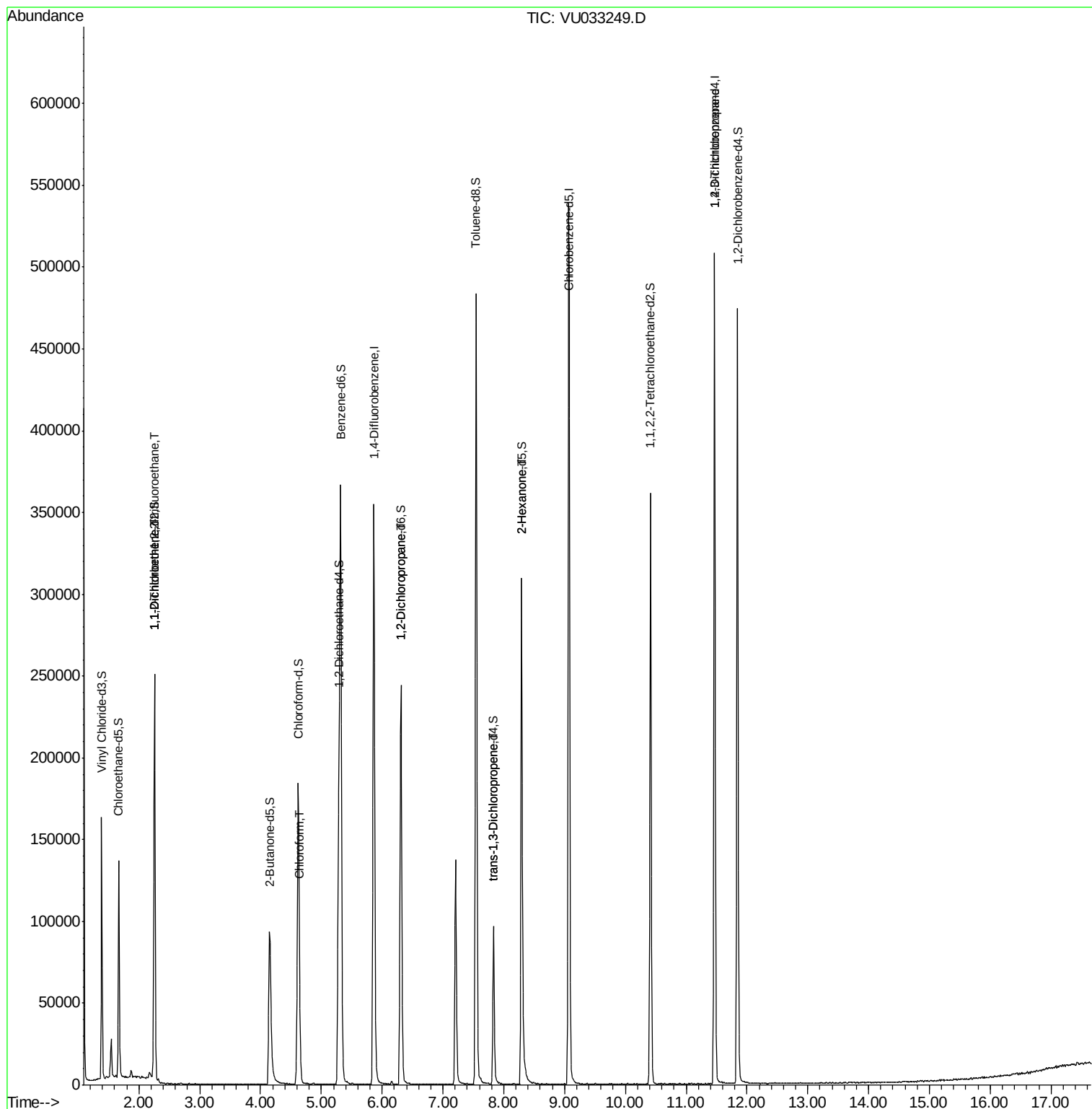
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1265	0.619 ug/L #	21
12) 1,1-Dichloroethene	2.26	96	1220	0.611 ug/L #	1
25) Chloroform	4.65	83	7040	1.668 ug/L	96
37) 1,2-Dichloropropane	6.31	63	13156	5.542 ug/L #	88
44) trans-1,3-Dichloropropene	7.83	75	2469	0.752 ug/L	85
48) 2-Hexanone	8.30	43	12529	4.829 ug/L #	67
59) 1,2,3-Trichloropropane	11.47	75	16325	5.282 ug/L	92

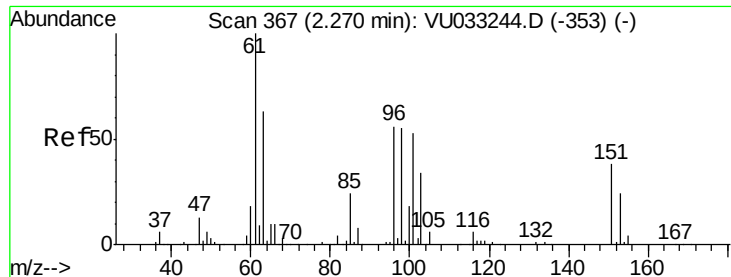
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.619 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

Lab File: VU033249.D

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VHBLK01

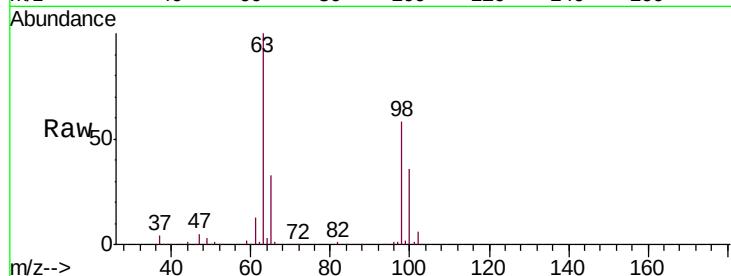
Tgt Ion: 101 Resp: 1265

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

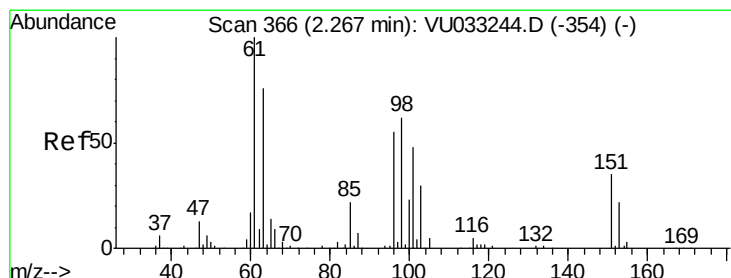
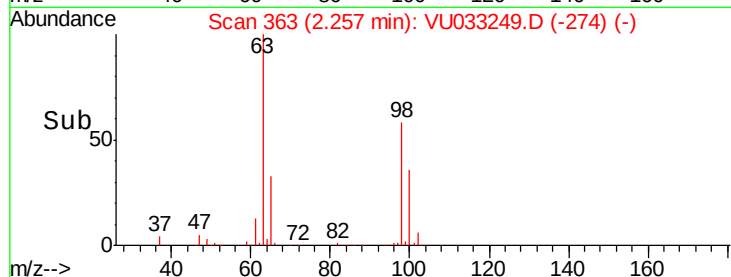
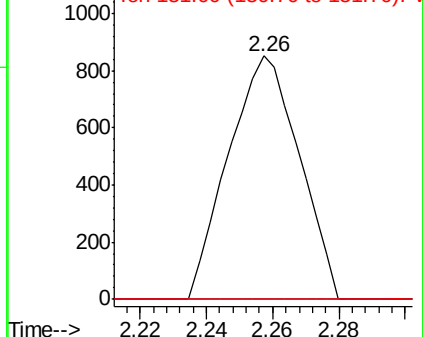
151 0.0 56.7 85.1#



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



#12

1,1-Dichloroethene

Concen: 0.611 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

Lab File: VU033249.D

Acq: 15 Jul 2019 11:24

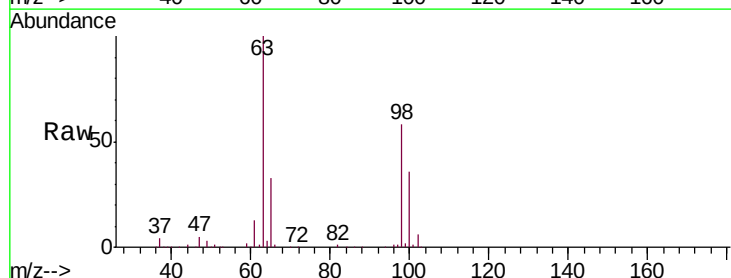
Tgt Ion: 96 Resp: 1220

Ion Ratio Lower Upper

96 100

61 1358.7 126.1 234.1#

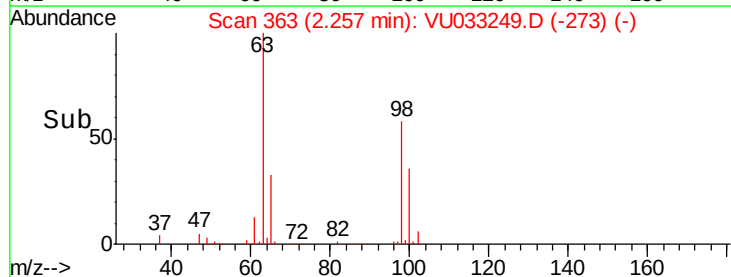
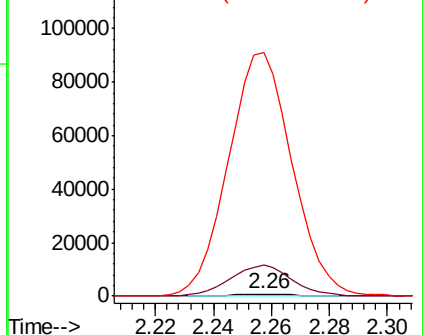
63 10816.2 96.8 179.8#

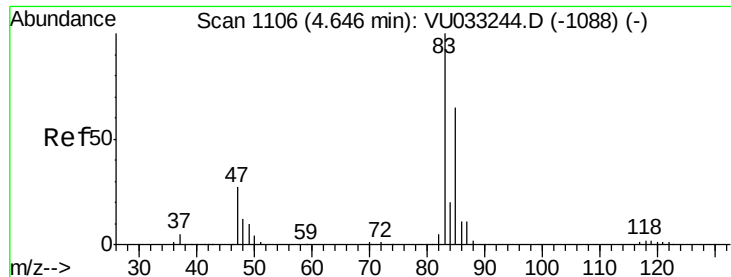


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

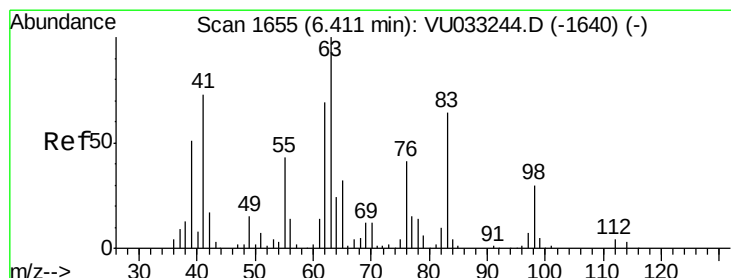
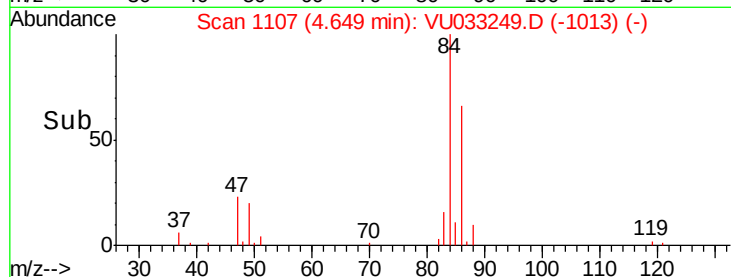
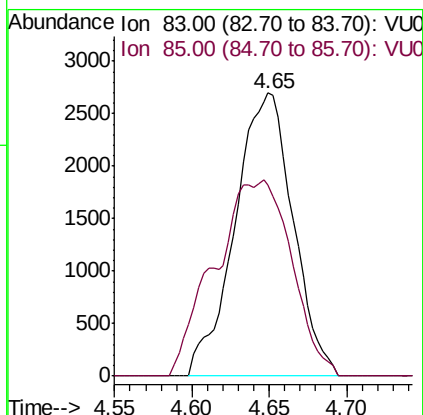
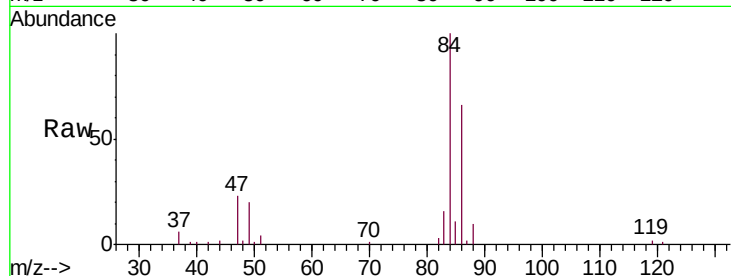




#25
Chloroform
Concen: 1.668 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU033249.D
Acq: 15 Jul 2019 11:24

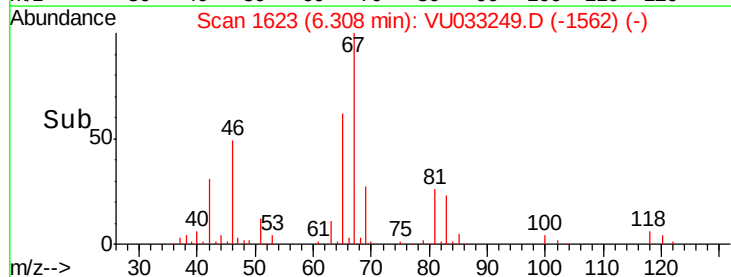
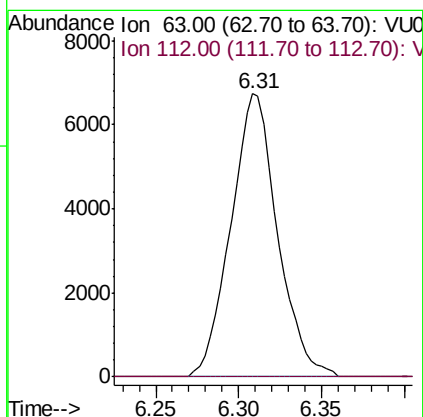
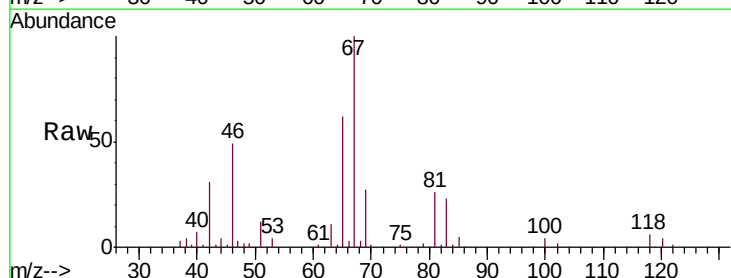
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

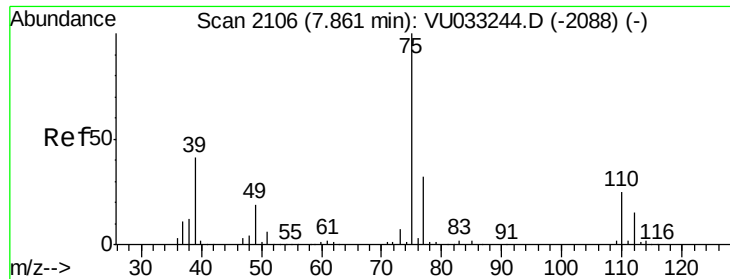
Tgt Ion: 83 Resp: 7040
Ion Ratio Lower Upper
83 100
85 67.7 45.4 84.4



#37
1,2-Dichloropropane
Concen: 5.542 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU033249.D
Acq: 15 Jul 2019 11:24

Tgt Ion: 63 Resp: 13156
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#44

trans-1,3-Dichloropropene

Concen: 0.752 ug/L

RT: 7.83 min Scan# 2097

Delta R.T. -0.03 min

Lab File: VU033249.D

Acq: 15 Jul 2019 11:24

Instrument :

MSVOA_U

ClientSampleId :

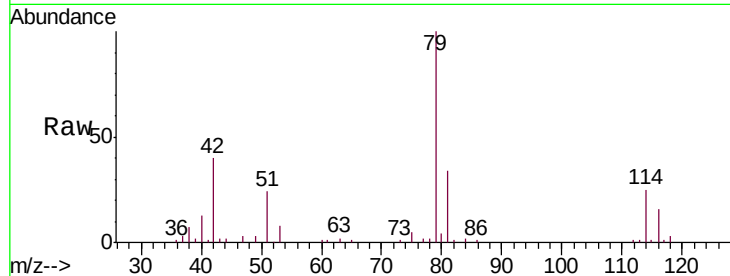
VHBLK01

Tgt Ion: 75 Resp: 2469

Ion Ratio Lower Upper

75 100

77 40.4 22.4 41.6



Abundance Ion 75.00 (74.70 to 75.70): VU033249.D (-2088) (-)

Ion 77.00 (76.70 to 77.70): VU033249.D (-2088) (-)

7.83

1500

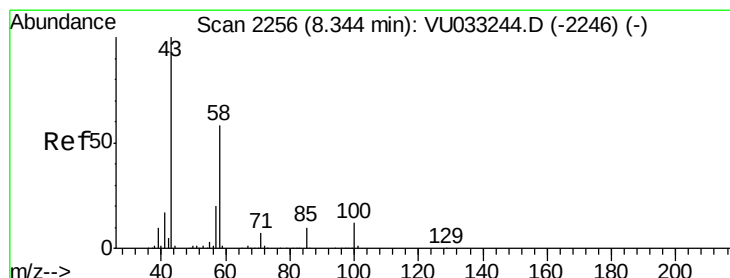
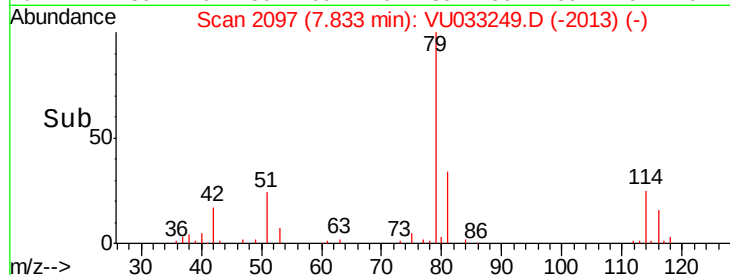
1000

500

0

7.80 7.85

Time-->



#48

2-Hexanone

Concen: 4.829 ug/L

RT: 8.30 min Scan# 2241

Delta R.T. -0.05 min

Lab File: VU033249.D

Acq: 15 Jul 2019 11:24

Tgt Ion: 43 Resp: 12529

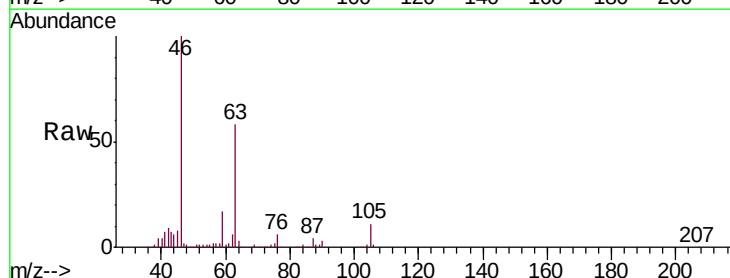
Ion Ratio Lower Upper

43 100

58 31.0 46.1 69.1#

57 31.7 15.8 23.8#

100 1.0 9.4 14.2#



Abundance Ion 43.00 (42.70 to 43.70): VU033249.D (-2163) (-)

Ion 58.00 (57.70 to 58.70): VU033249.D (-2163) (-)

Ion 57.00 (56.70 to 57.70): VU033249.D (-2163) (-)

Ion 100.00 (99.70 to 100.70): VU033249.D (-2163) (-)

8.30

10000

8000

6000

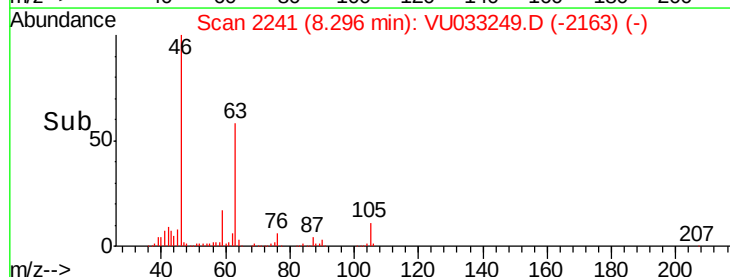
4000

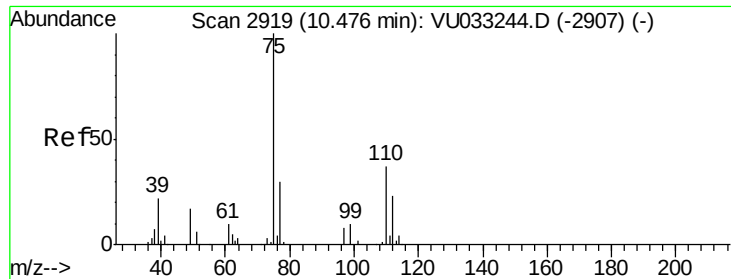
2000

0

8.25 8.30 8.35

Time-->





#59

1,2,3-Trichloropropane

Concen: 5.282 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU033249.D

Acq: 15 Jul 2019 11:24

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 16325

Ion Ratio Lower Upper

75 100

77 37.3 26.0 39.0

