

Data File : VU030542.D
Acq On : 29 Mar 2019 14:40
Operator : JC/SP
Sample : K2084-25
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK03

Quant Time: Mar 30 01:13:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 30 00:57:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	212996	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	208774	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	85592	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	77041	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.68	69	65038	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.27	63	118163	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	4.21	46	203520	48.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.06%
24) Chloroform-d	4.64	84	118872	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
26) 1,2-Dichloroethane-d4	5.31	65	70975	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.34	84	267288	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.33	67	91956	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.56	98	220143	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.85	79	30263	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.31	63	142747	47.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.88%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	63298	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	73791	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

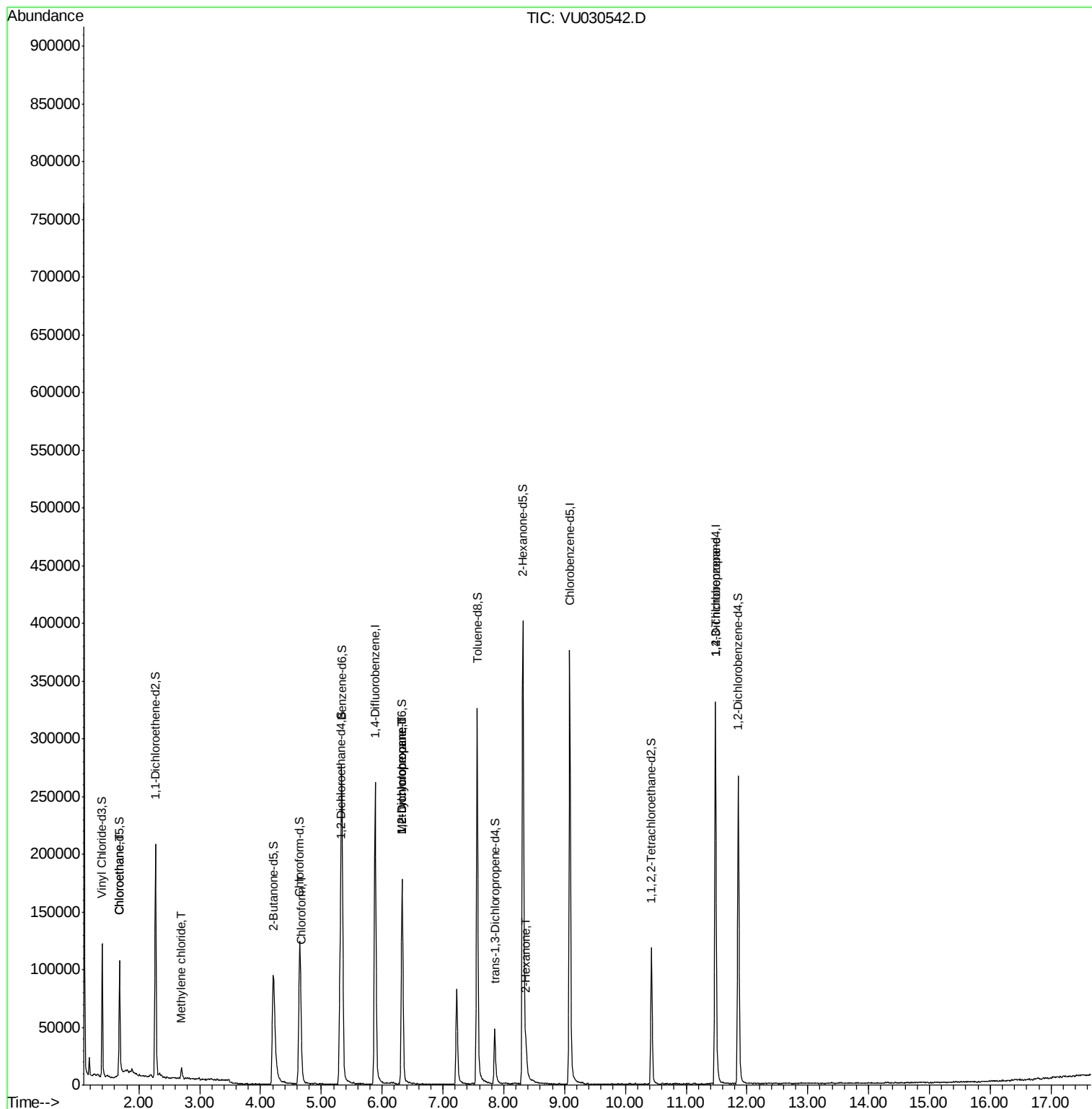
					Qvalue
8) Chloroethane	1.68	64	3404	0.235 ug/L #	55
16) Methylene chloride	2.70	84	3238	0.179 ug/L	77
25) Chloroform	4.67	83	14586	0.461 ug/L	89
35) Methylcyclohexane	6.33	83	19590	0.694 ug/L #	14
37) 1,2-Dichloropropane	6.33	63	9414	0.484 ug/L #	90
48) 2-Hexanone	8.37	43	13525	1.610 ug/L #	88
59) 1,2,3-Trichloropropane	11.48	75	11320	1.042 ug/L	94

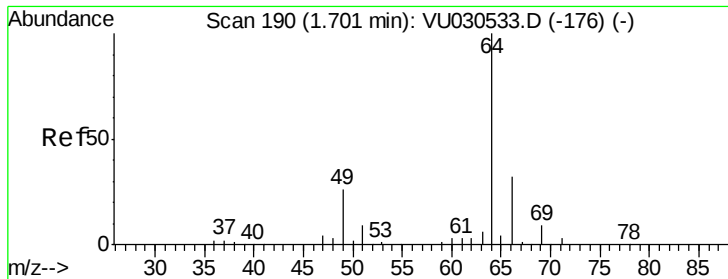
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.235 ug/L

RT: 1.68 min Scan# 184

Delta R.T. -0.02 min

Lab File: VU030542.D

Acq: 29 Mar 2019 14:40

Instrument :

MSVOA_U

ClientSampleId :

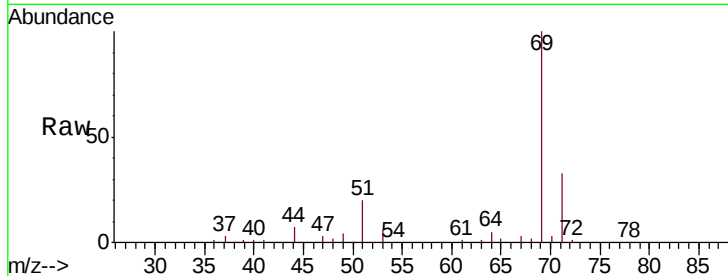
VHBLK03

Tgt Ion: 64 Resp: 3404

Ion Ratio Lower Upper

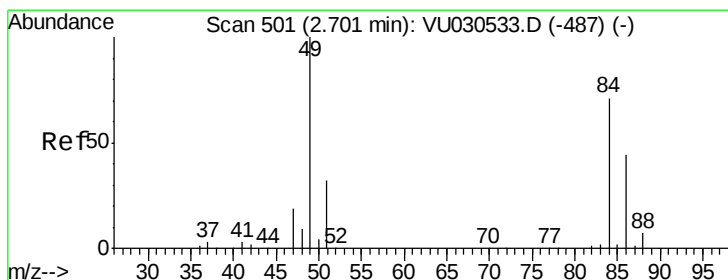
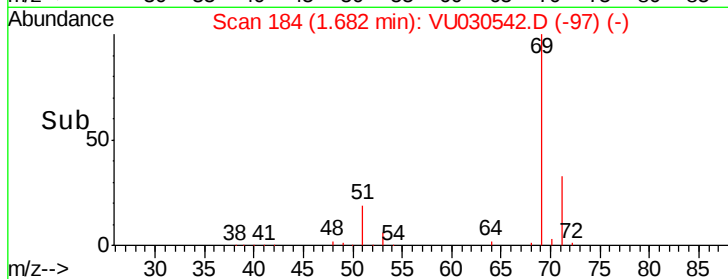
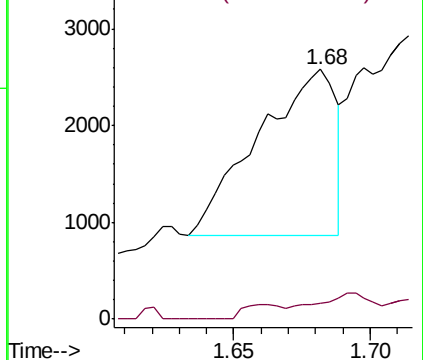
64 100

66 6.5 22.1 41.1#



Abundance Ion 64.10 (63.80 to 64.80): VU030533.D (-176) (-)

Ion 66.05 (65.75 to 66.75): VU030533.D (-176) (-)



#16

Methylene chloride

Concen: 0.179 ug/L

RT: 2.70 min Scan# 501

Delta R.T. -0.00 min

Lab File: VU030542.D

Acq: 29 Mar 2019 14:40

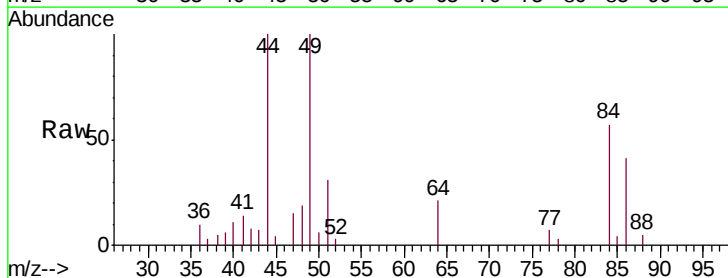
Tgt Ion: 84 Resp: 3238

Ion Ratio Lower Upper

84 100

86 71.7 43.4 80.6

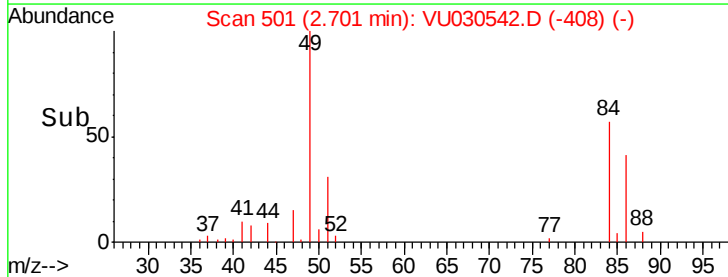
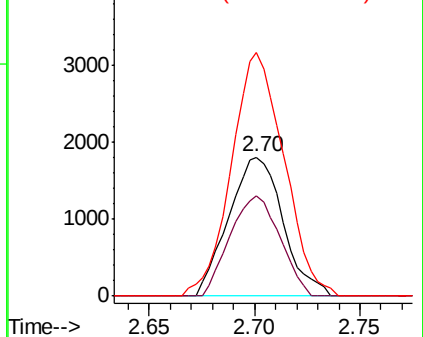
49 175.1 98.5 182.9

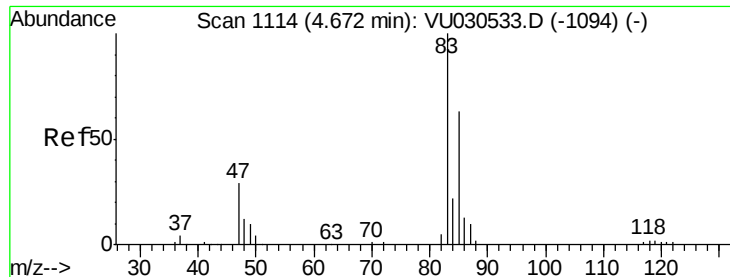


Abundance Ion 84.05 (83.75 to 84.75): VU030533.D (-487) (-)

Ion 86.00 (85.70 to 86.70): VU030533.D (-487) (-)

Ion 49.10 (48.80 to 49.80): VU030533.D (-487) (-)

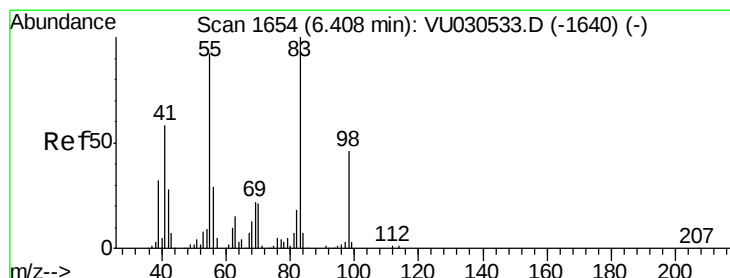
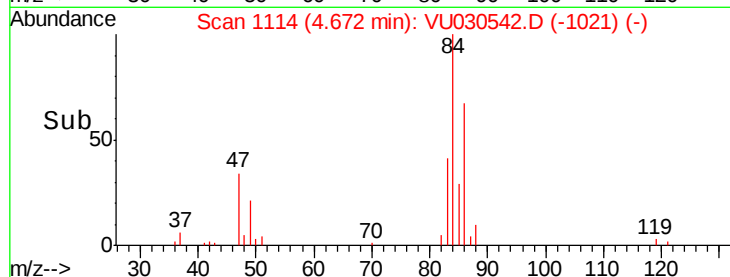
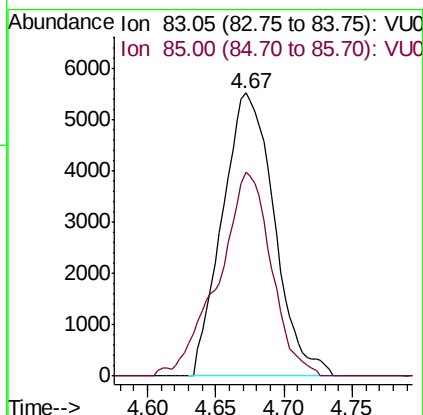
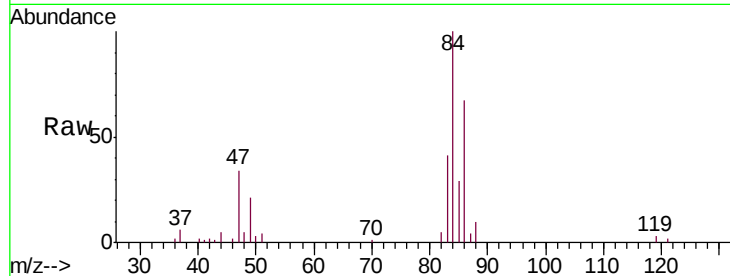




#25
Chloroform
Concen: 0.461 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VU030542.D
Acq: 29 Mar 2019 14:40

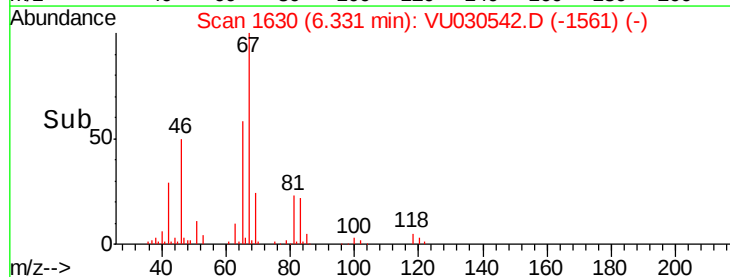
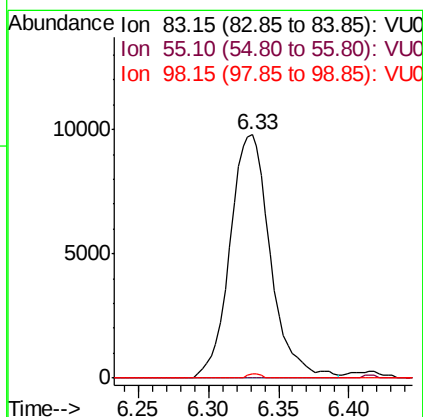
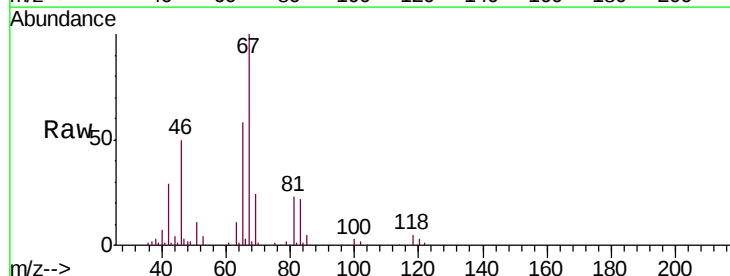
Instrument :
MSVOA_U
ClientSampleId :
VHBLK03

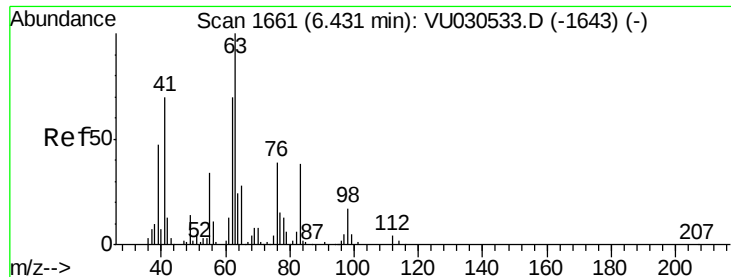
Tgt Ion: 83 Resp: 14586
Ion Ratio Lower Upper
83 100
85 71.9 44.2 82.2



#35
Methylcyclohexane
Concen: 0.694 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.08 min
Lab File: VU030542.D
Acq: 29 Mar 2019 14:40

Tgt Ion: 83 Resp: 19590
Ion Ratio Lower Upper
83 100
55 0.3 72.6 108.8#
98 0.6 35.0 52.6#





#37

1,2-Dichloropropane

Concen: 0.484 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU030542.D

Acq: 29 Mar 2019 14:40

Instrument :

MSVOA_U

ClientSampled :

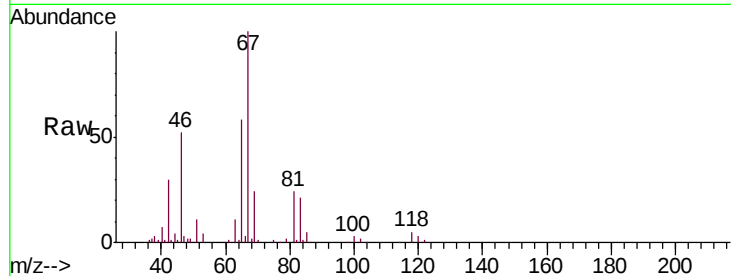
VHBLK03

Tgt Ion: 63 Resp: 9414

Ion Ratio Lower Upper

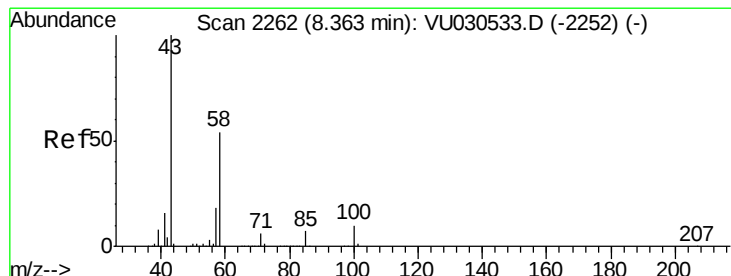
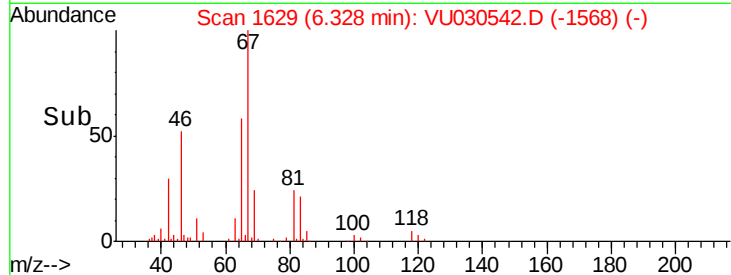
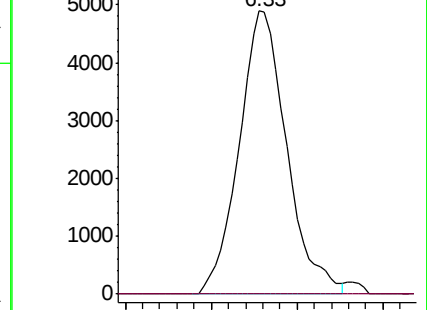
63 100

112 0.2 2.8 4.2#



Abundance Ion 63.10 (62.80 to 63.80): VU030533.D (-1643) (-)

Ion 112.10 (111.80 to 112.80): VU030533.D (-1643) (-)



#48

2-Hexanone

Concen: 1.610 ug/L

RT: 8.37 min Scan# 2264

Delta R.T. 0.01 min

Lab File: VU030542.D

Acq: 29 Mar 2019 14:40

Tgt Ion: 43 Resp: 13525

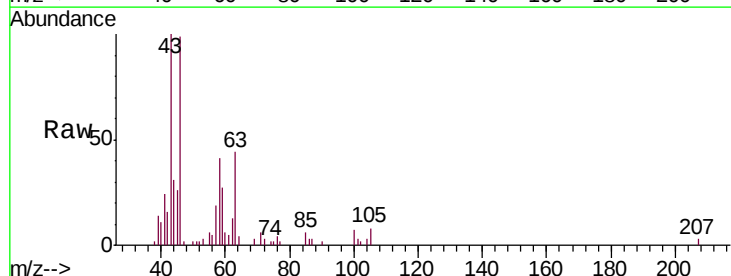
Ion Ratio Lower Upper

43 100

58 42.2 42.5 63.7#

57 18.8 13.9 20.9

100 6.2 7.1 10.7#

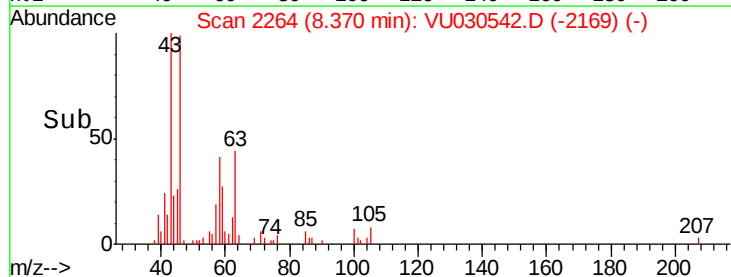
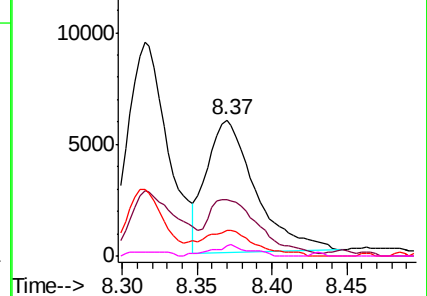


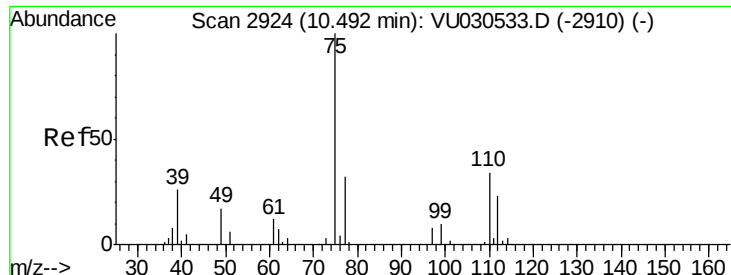
Abundance Ion 43.05 (42.75 to 43.75): VU030533.D (-2252) (-)

Ion 58.05 (57.75 to 58.75): VU030533.D (-2252) (-)

Ion 57.20 (56.90 to 57.90): VU030533.D (-2252) (-)

Ion 100.15 (99.85 to 100.85): VU030533.D (-2252) (-)





#59

1,2,3-Trichloropropane

Concen: 1.042 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030542.D

Acq: 29 Mar 2019 14:40

Instrument :

MSVOA_U

ClientSampleId :

VHBLK03

Tgt Ion: 75 Resp: 11320

Ion Ratio Lower Upper

75 100

77 35.3 25.6 38.4

