

Data File : VU029770.D
Acq On : 01 Mar 2019 18:29
Operator : JC/SP
Sample : K1577-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Mar 01 22:18:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 22:12:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	226274	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	220690	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	108537	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	84510	5.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.40%
7) Chloroethane-d5	1.68	69	70067	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	2.27	63	118522	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	4.19	46	171449	51.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.62%
24) Chloroform-d	4.65	84	122785	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.31	65	69831	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.34	84	293939	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.33	67	88365	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.20%
41) Toluene-d8	7.56	98	273018	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
43) trans-1,3-Dichloropropene-	7.85	79	32391	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
46) 2-Hexanone-d5	8.31	63	165144	49.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	70597	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	110765	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

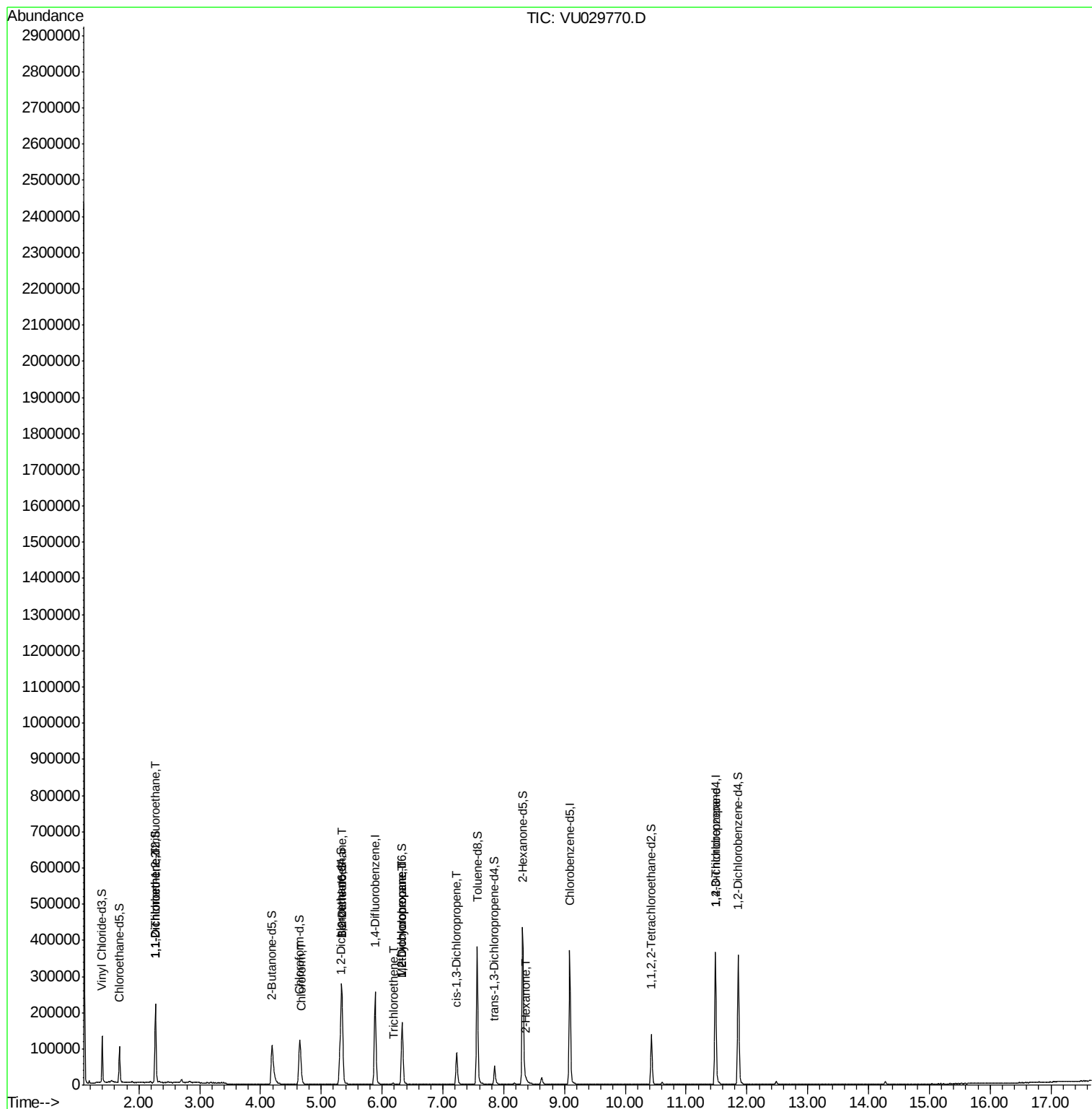
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1235	0.070 ug/L #	17
12) 1,1-Dichloroethene	2.28	96	1164	0.069 ug/L #	1
25) Chloroform	4.67	83	15438	0.542 ug/L	100
27) 1,2-Dichloroethane	5.33	62	1358	0.081 ug/L #	74
34) Trichloroethene	6.19	95	1173	0.072 ug/L #	82
35) Methylcyclohexane	6.33	83	20276	0.768 ug/L #	21
37) 1,2-Dichloropropane	6.33	63	9125	0.621 ug/L #	86
39) cis-1,3-Dichloropropene	7.22	75	2070	0.096 ug/L #	66
48) 2-Hexanone	8.38	43	2145	0.355 ug/L #	61
59) 1,2,3-Trichloropropane	11.48	75	11126	1.134 ug/L	90

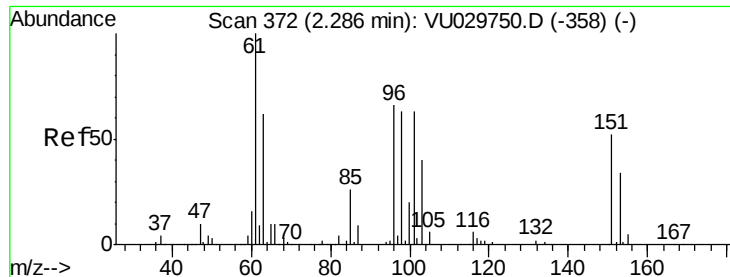
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.070 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029770.D

Acq: 01 Mar 2019 18:29

Instrument :

MSVOA_U

ClientSampled :

VHBLK01

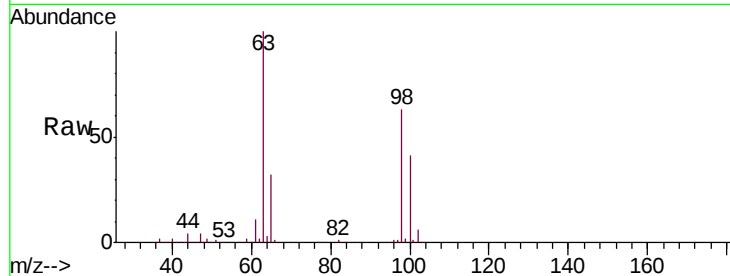
Tgt Ion: 101 Resp: 1235

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

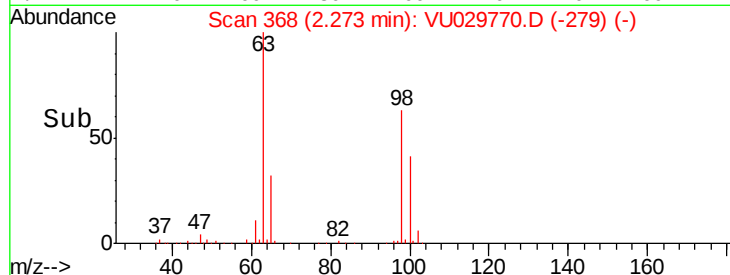
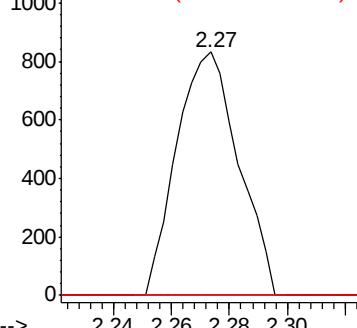
151 0.0 65.9 98.9#



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: 0.069 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.01 min

Lab File: VU029770.D

Acq: 01 Mar 2019 18:29

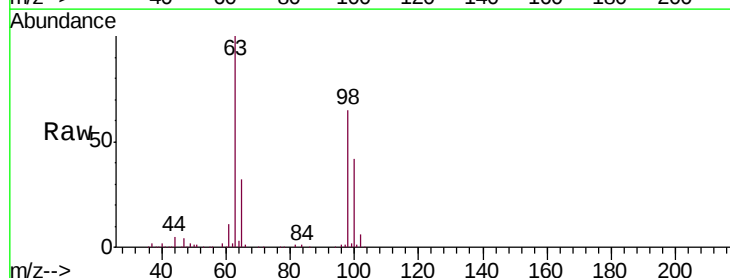
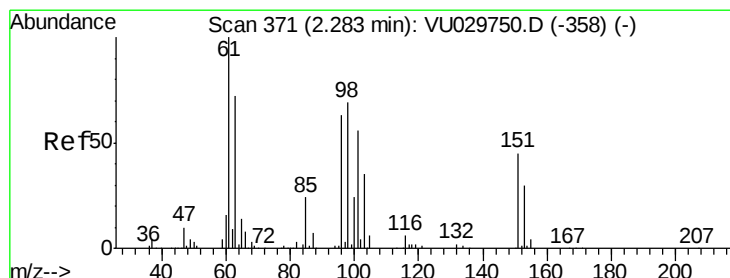
Tgt Ion: 96 Resp: 1164

Ion Ratio Lower Upper

96 100

61 1204.9 111.3 206.7#

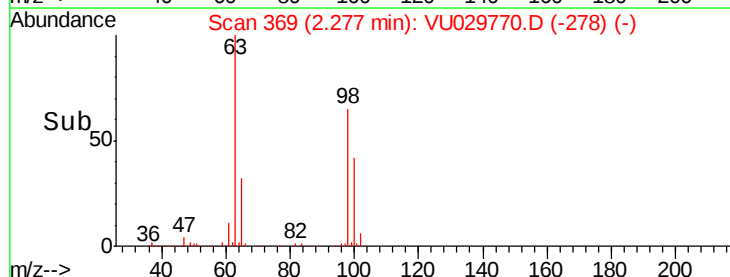
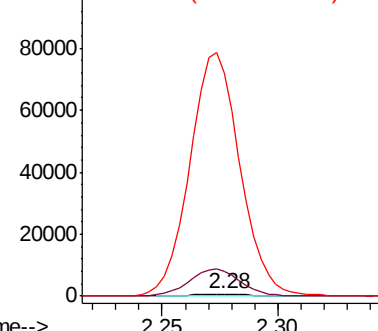
63 10750.4 88.5 164.3#

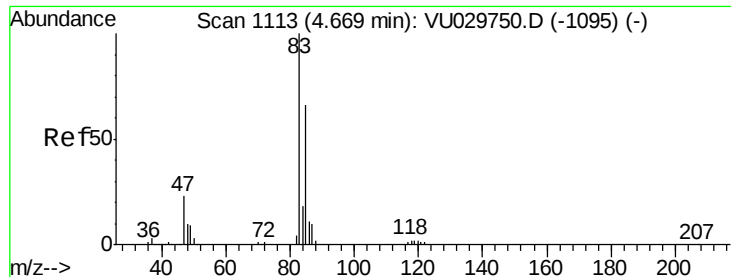


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

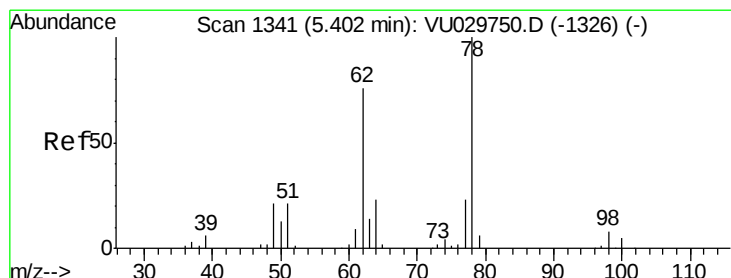
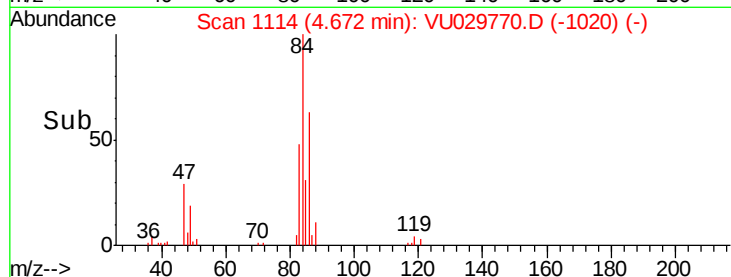
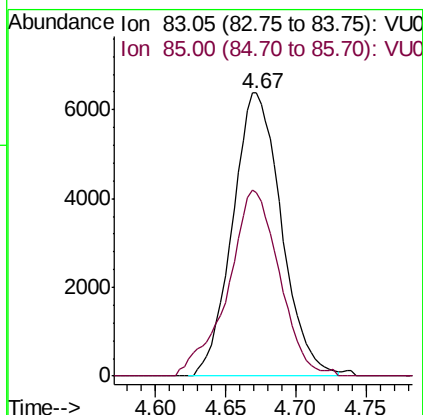
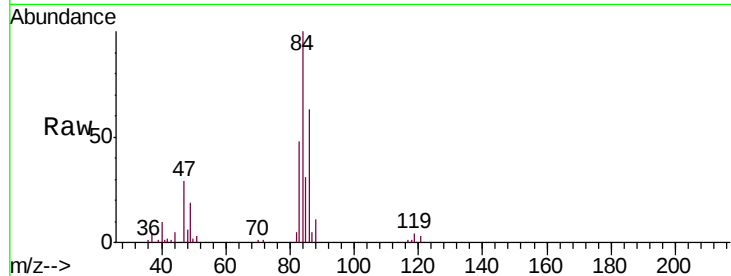




#25
Chloroform
Concen: 0.542 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029770.D
Acq: 01 Mar 2019 18:29

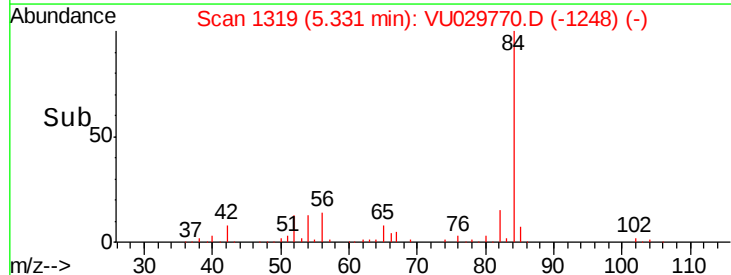
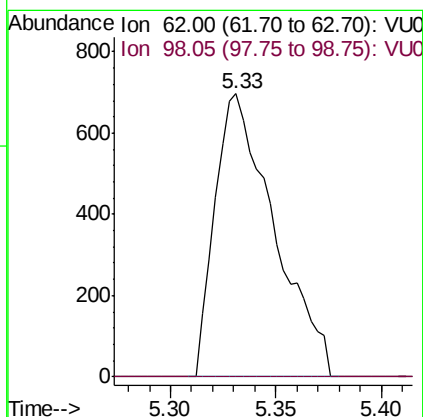
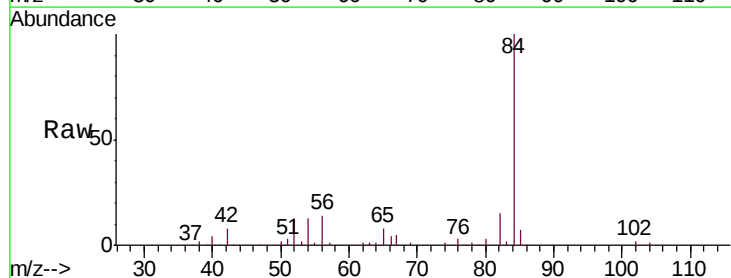
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

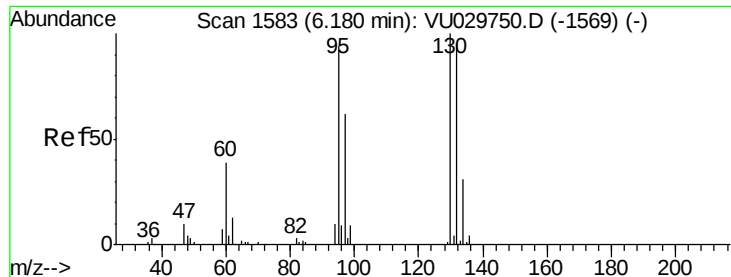
Tgt Ion: 83 Resp: 15438
Ion Ratio Lower Upper
83 100
85 64.8 45.6 84.6



#27
1,2-Dichloroethane
Concen: 0.081 ug/L
RT: 5.33 min Scan# 1319
Delta R.T. -0.07 min
Lab File: VU029770.D
Acq: 01 Mar 2019 18:29

Tgt Ion: 62 Resp: 1358
Ion Ratio Lower Upper
62 100
98 0.0 7.6 11.4#





#34

Trichloroethene

Concen: 0.072 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU029770.D

Acq: 01 Mar 2019 18:29

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 95 Resp: 1173

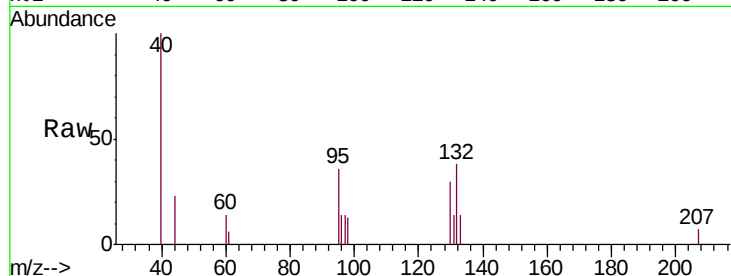
Ion Ratio Lower Upper

95 100

97 39.3 45.6 84.8#

132 104.3 72.9 135.3

130 83.2 77.5 143.9

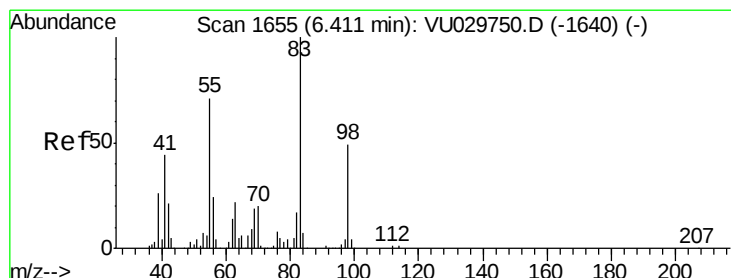
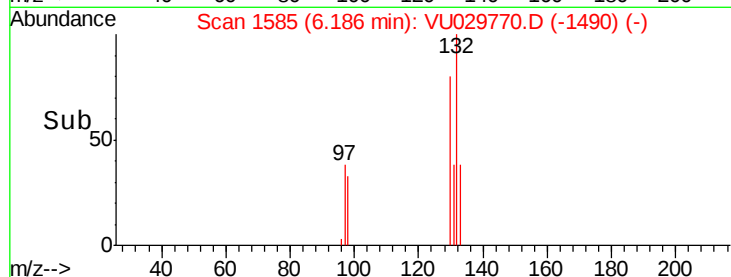
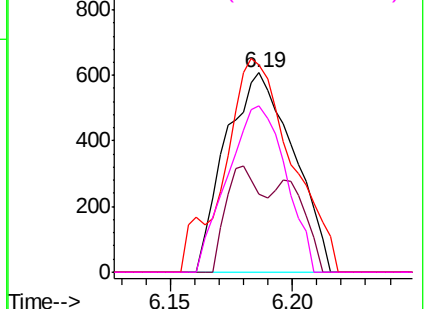


Abundance Ion 95.00 (94.70 to 95.70): VU029770.D (-1490) (-)

Ion 96.95 (96.65 to 97.65): VU029770.D (-1490) (-)

Ion 131.95 (131.65 to 132.65): VU029770.D (-1490) (-)

Ion 129.95 (129.65 to 130.65): VU029770.D (-1490) (-)



#35

Methylcyclohexane

Concen: 0.768 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU029770.D

Acq: 01 Mar 2019 18:29

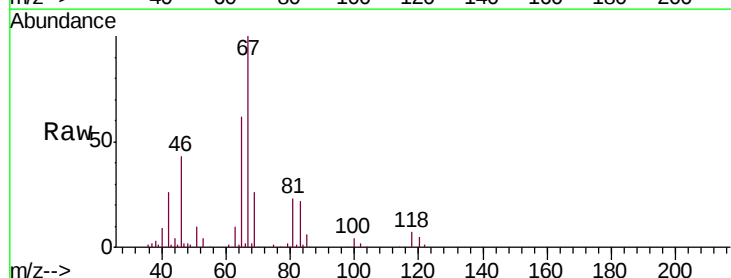
Tgt Ion: 83 Resp: 20276

Ion Ratio Lower Upper

83 100

55 0.2 56.5 84.7#

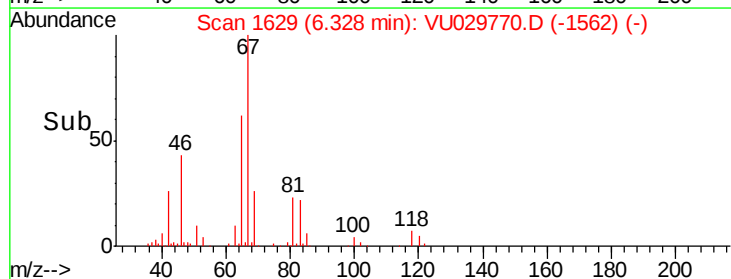
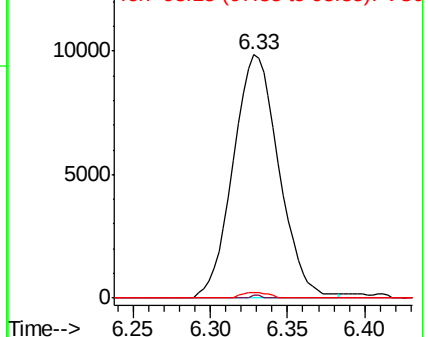
98 1.3 39.4 59.2#

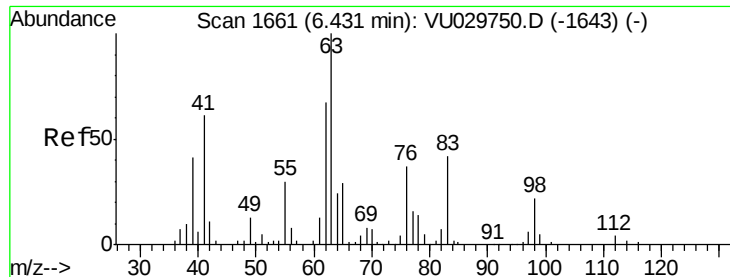


Abundance Ion 83.15 (82.85 to 83.85): VU029770.D (-1562) (-)

Ion 55.10 (54.80 to 55.80): VU029770.D (-1562) (-)

Ion 98.15 (97.85 to 98.85): VU029770.D (-1562) (-)

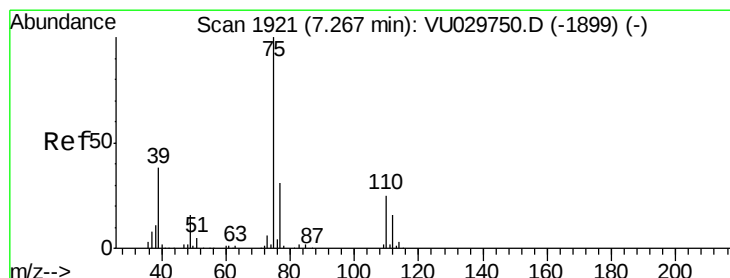
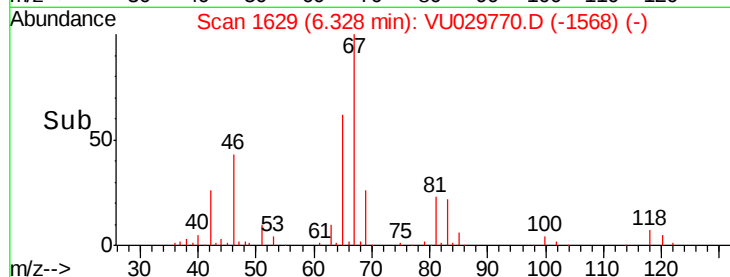
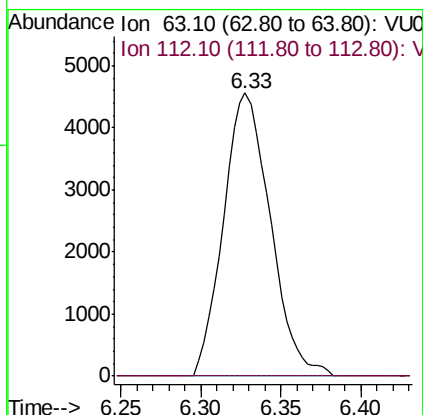
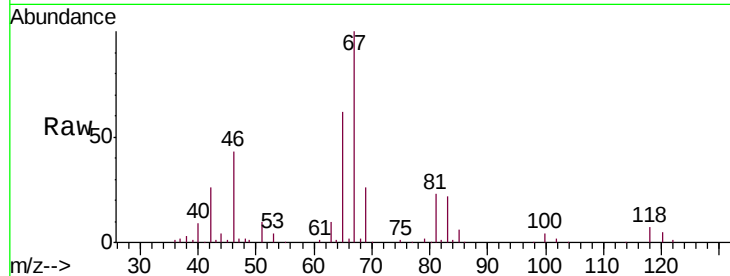




#37
 1,2-Dichloropropane
 Concen: 0.621 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU029770.D
 Acq: 01 Mar 2019 18:29

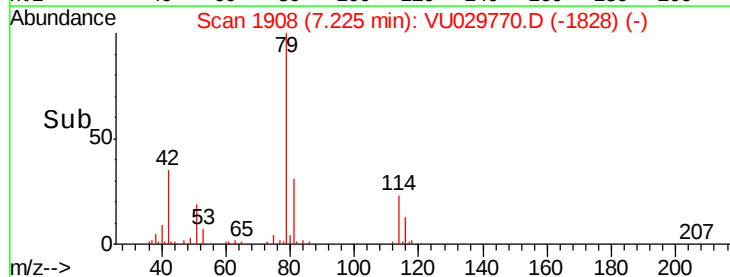
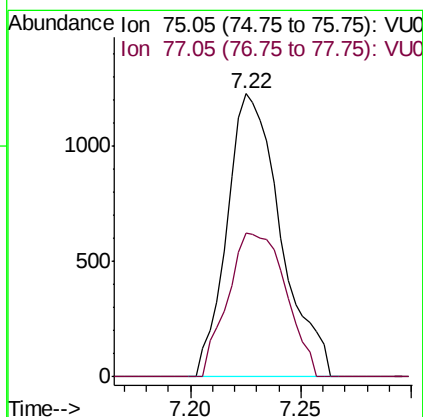
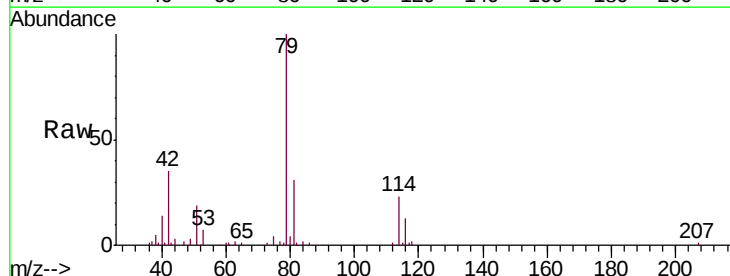
Instrument :
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 VHBLK01

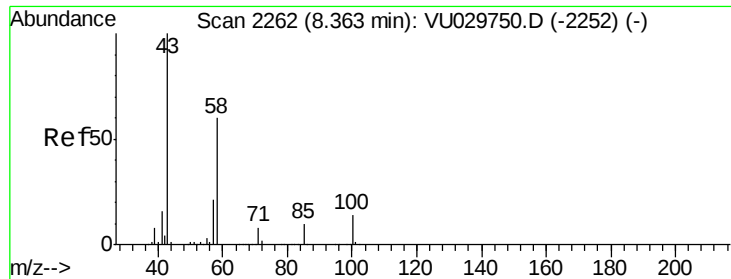
Tgt Ion: 63 Resp: 9125
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.096 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU029770.D
 Acq: 01 Mar 2019 18:29

Tgt Ion: 75 Resp: 2070
 Ion Ratio Lower Upper
 75 100
 77 50.6 22.3 41.5#

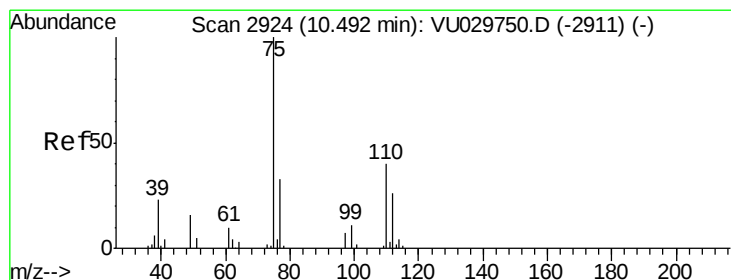
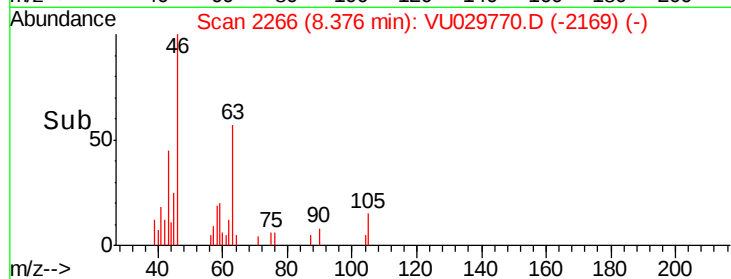
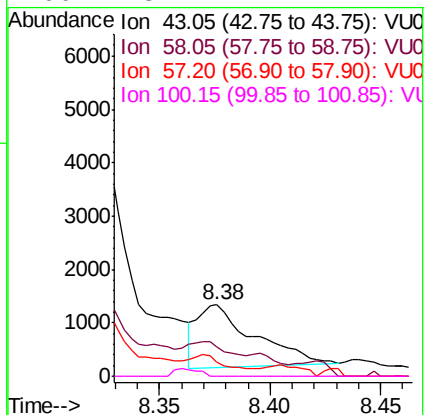
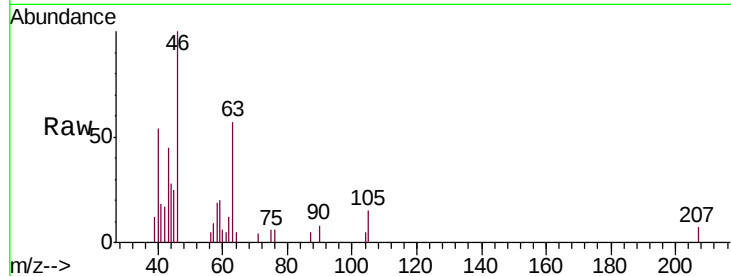




#48
 2-Hexanone
 Concen: 0.355 ug/L
 RT: 8.38 min Scan# 2266
 Delta R.T. 0.01 min
 Lab File: VU029770.D
 Acq: 01 Mar 2019 18:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Tgt Ion: 43 Resp: 2145
 Ion Ratio Lower Upper
 43 100
 58 18.5 46.6 69.8#
 57 24.1 15.9 23.9#
 100 5.4 11.4 17.2#



#59
 1,2,3-Trichloropropane
 Concen: 1.134 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU029770.D
 Acq: 01 Mar 2019 18:29

Tgt Ion: 75 Resp: 11126
 Ion Ratio Lower Upper
 75 100
 77 37.3 25.6 38.4

