

Data File : VU032050.D
Acq On : 16 May 2019 15:40
Operator : JC/SP
Sample : K2744-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: May 17 07:20:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 17 07:17:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	403454	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	411303	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	168454	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	166535	4.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.00%
7) Chloroethane-d5	1.68	69	141220	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.27	63	224142	4.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.80%
20) 2-Butanone-d5	4.20	46	338617	50.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.50%
24) Chloroform-d	4.64	84	291790	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.31	65	147505	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.33	84	604699	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.33	67	182428	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.56	98	514782	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	7.85	79	61782	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.31	63	300625	50.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.86%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	141723	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	182496	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

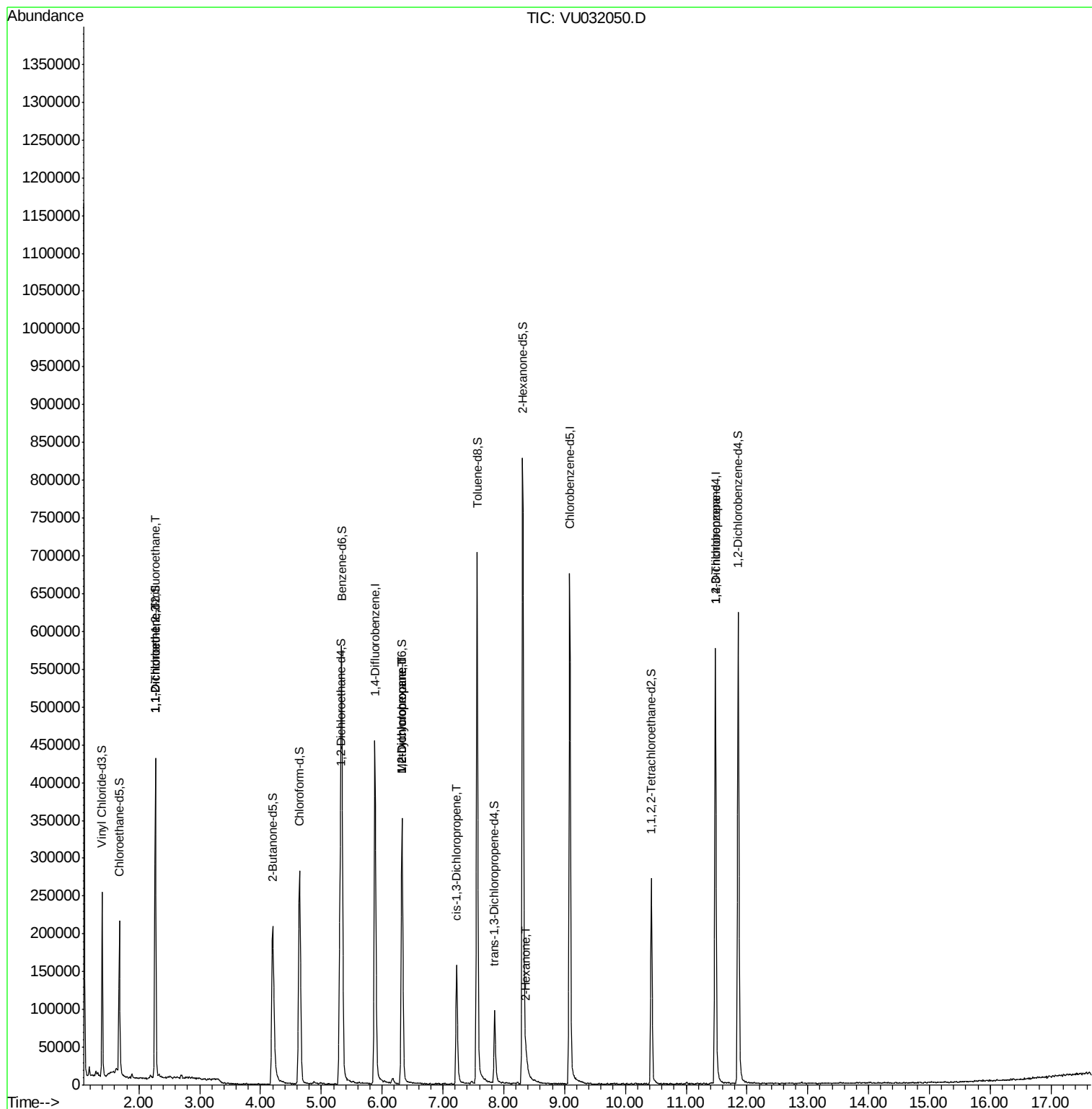
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2586	0.156	ug/L #	20
12) 1,1-Dichloroethene	2.27	96	2010	0.124	ug/L #	1
35) Methylcyclohexane	6.33	83	42032	1.704	ug/L #	20
37) 1,2-Dichloropropane	6.33	63	18737	1.213	ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	4073	0.191	ug/L #	55
48) 2-Hexanone	8.37	43	18227	3.283	ug/L #	43
59) 1,2,3-Trichloropropane	11.48	75	19381	1.976	ug/L	96

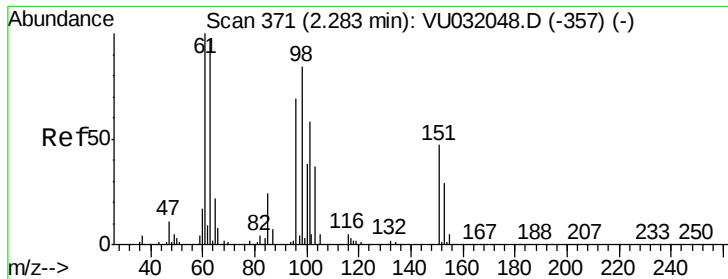
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU032050.D
Acq On : 16 May 2019 15:40
Operator : JC/SP
Sample : K2744-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: May 17 07:20:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 17 07:17:36 2019
Response via : Initial Calibration





#10

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

Concen: 0.156 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032050.D

Acq: 16 May 2019 15:40

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

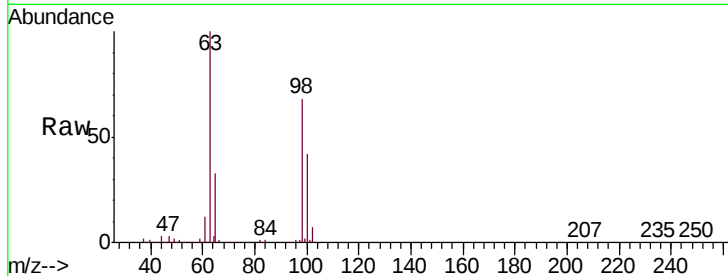
Tgt Ion: 101 Resp: 2586

Ion Ratio Lower Upper

101 100

85 0.9 33.8 50.8#

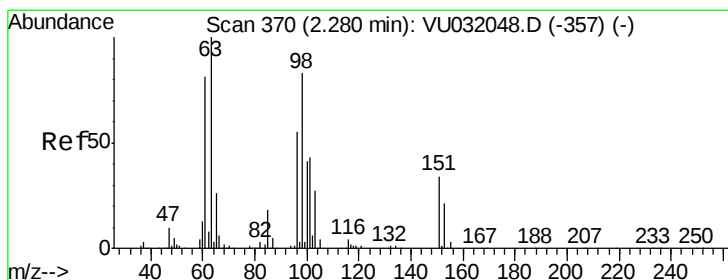
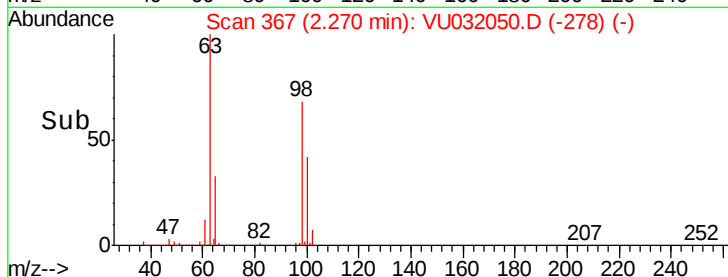
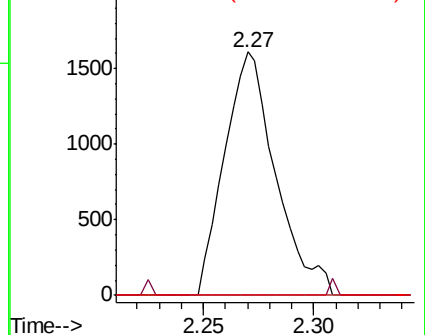
151 0.0 59.4 89.2#



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: 0.124 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU032050.D

Acq: 16 May 2019 15:40

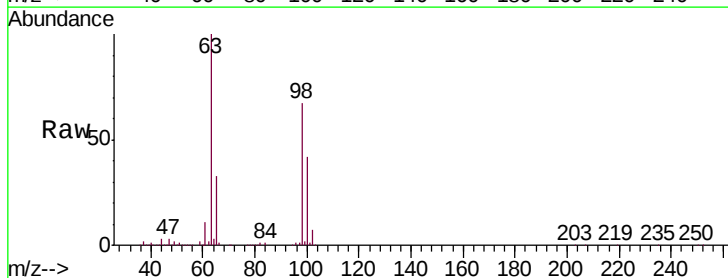
Tgt Ion: 96 Resp: 2010

Ion Ratio Lower Upper

96 100

61 1234.2 111.7 207.5#

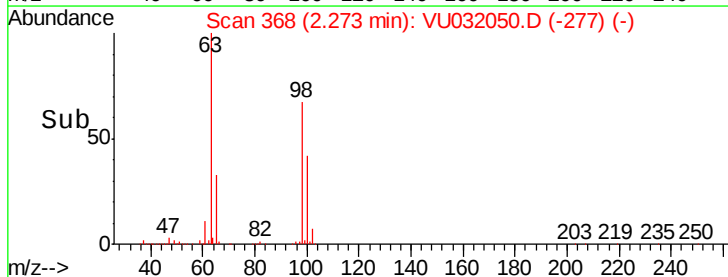
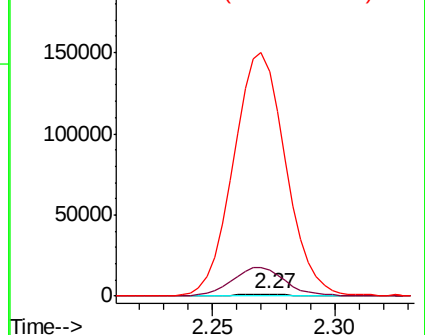
63 10751.4 152.2 282.6#

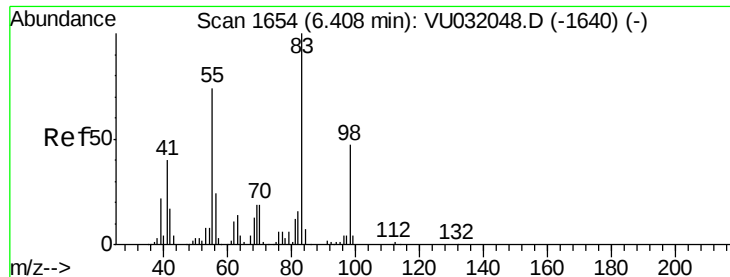


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

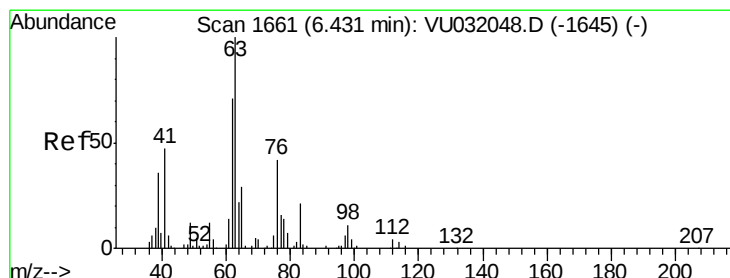
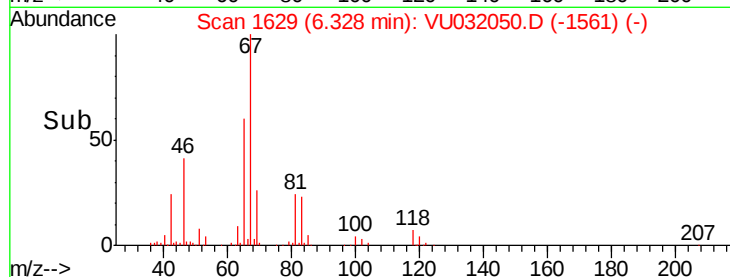
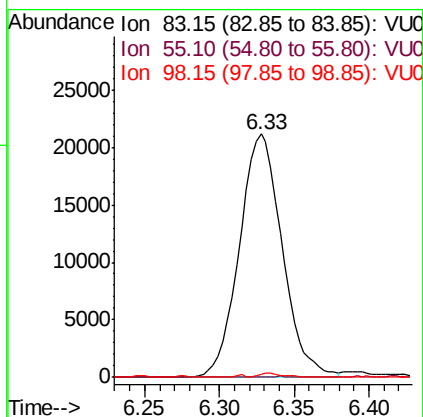
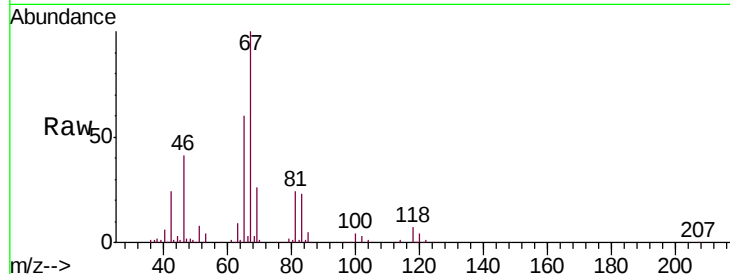




#35
Methylcyclohexane
Concen: 1.704 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032050.D
Acq: 16 May 2019 15:40

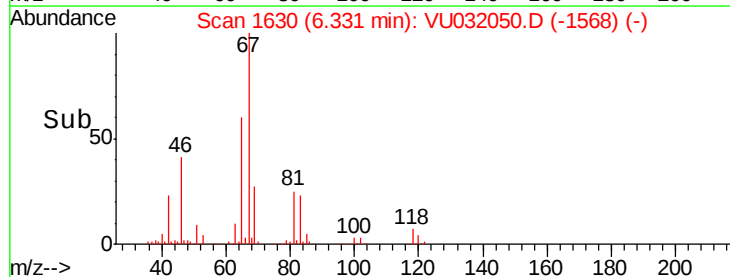
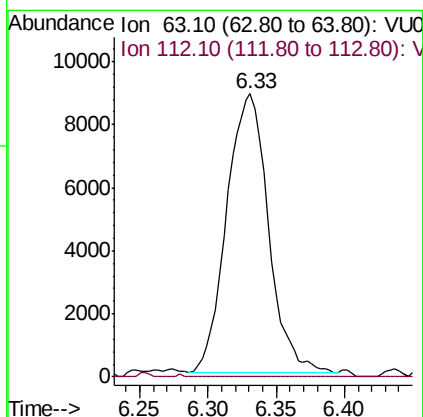
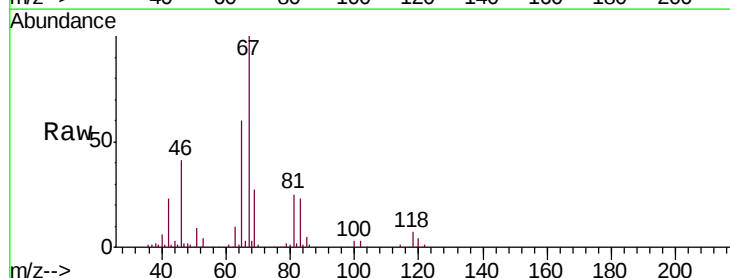
Instrument :
MSVOA_U
ClientSampled :
VHBLK01

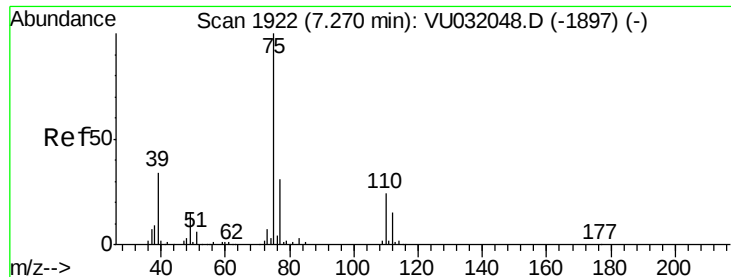
Tgt Ion: 83 Resp: 42032
Ion Ratio Lower Upper
83 100
55 0.0 59.7 89.5#
98 0.9 36.8 55.2#



#37
1,2-Dichloropropane
Concen: 1.213 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.10 min
Lab File: VU032050.D
Acq: 16 May 2019 15:40

Tgt Ion: 63 Resp: 18737
Ion Ratio Lower Upper
63 100
112 0.1 3.8 5.6#

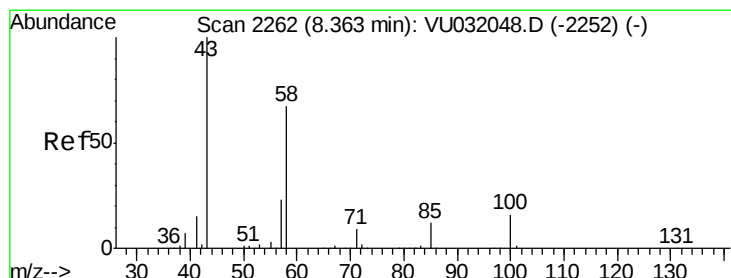
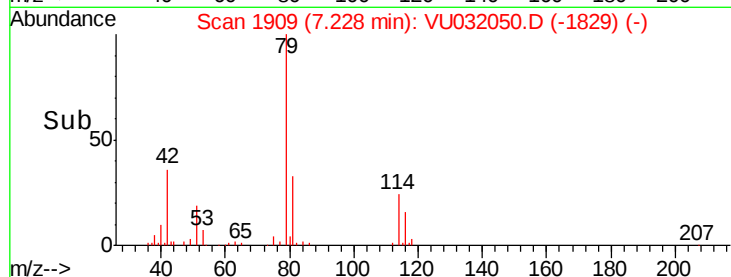
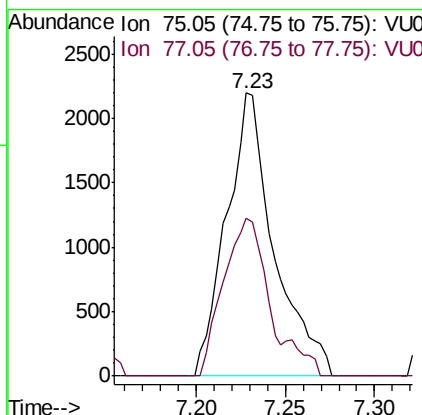
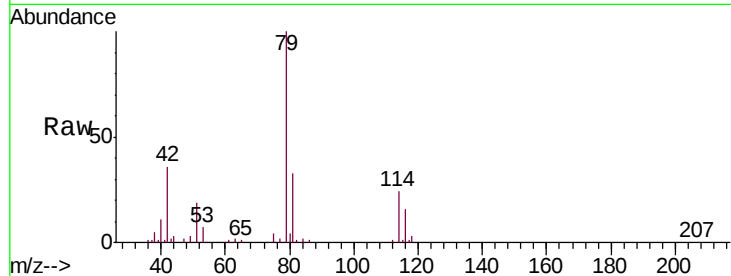




#39
 cis-1,3-Dichloropropene
 Concen: 0.191 ug/L
 RT: 7.23 min Scan# 1909
 Delta R.T. -0.04 min
 Lab File: VU032050.D
 Acq: 16 May 2019 15:40

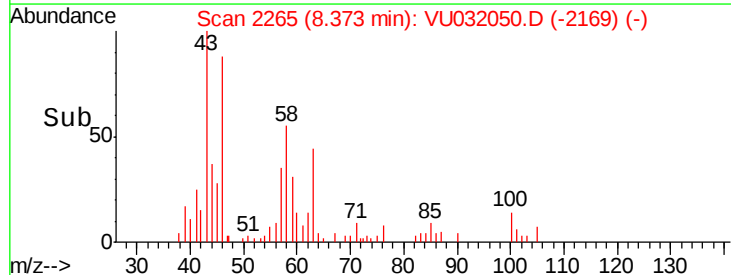
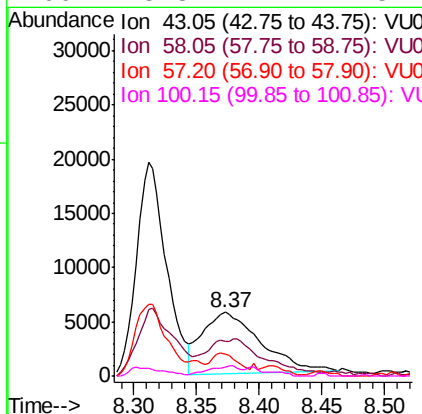
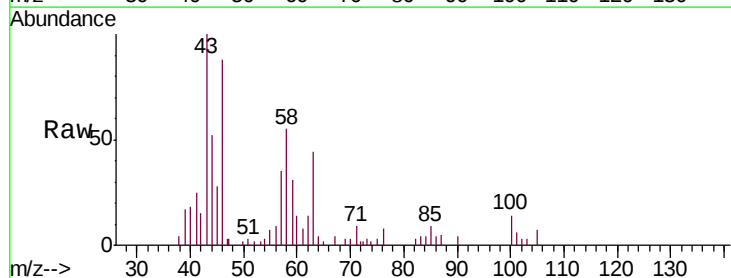
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

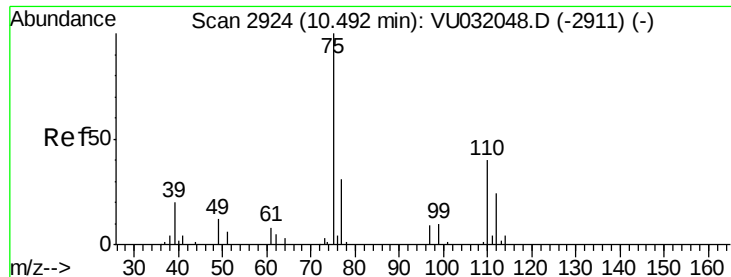
Tgt Ion: 75 Resp: 4073
 Ion Ratio Lower Upper
 75 100
 77 55.7 21.7 40.3#



#48
 2-Hexanone
 Concen: 3.283 ug/L
 RT: 8.37 min Scan# 2265
 Delta R.T. 0.01 min
 Lab File: VU032050.D
 Acq: 16 May 2019 15:40

Tgt Ion: 43 Resp: 18227
 Ion Ratio Lower Upper
 43 100
 58 0.0 51.6 77.4#
 57 17.2 18.4 27.6#
 100 8.8 12.2 18.4#





#59

1,2,3-Trichloropropane

Concen: 1.976 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU032050.D

Acq: 16 May 2019 15:40

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 19381

Ion Ratio Lower Upper

75 100

77 34.7 26.2 39.2

