

Data File : VU032051.D
Acq On : 16 May 2019 16:05
Operator : JC/SP
Sample : K2791-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: May 17 07:21:00 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	418276	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	424028	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	169564	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	160636	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.68	69	142639	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.27	63	227424	4.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.00%
20) 2-Butanone-d5	4.20	46	350746	50.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.42%
24) Chloroform-d	4.64	84	291445	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.31	65	153768	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.33	84	605348	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.33	67	181300	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.56	98	500176	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	7.85	79	62095	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.31	63	306677	49.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.80%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	146769	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	179714	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

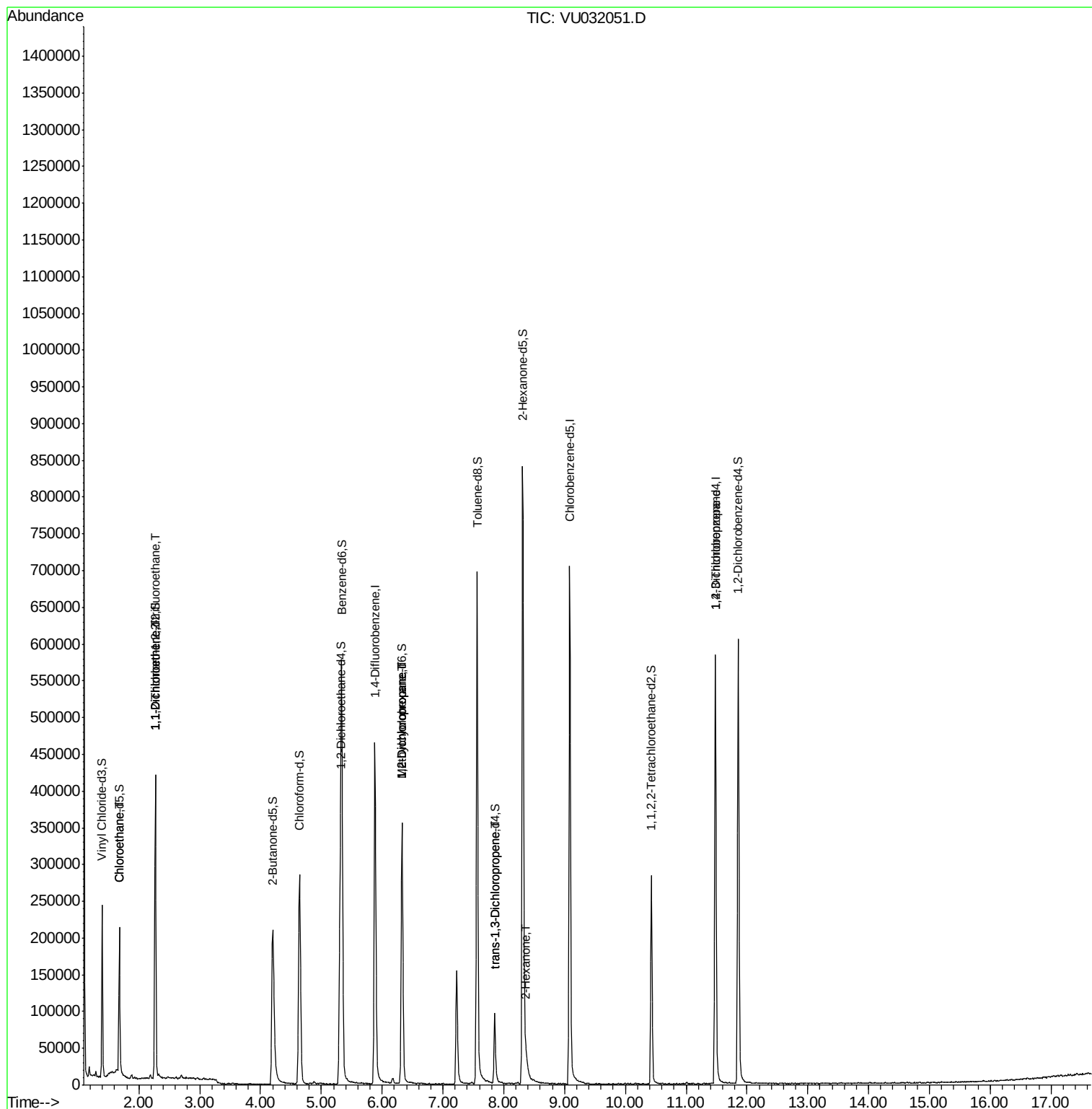
					Qvalue	
8) Chloroethane	1.68	64	1157	0.088	ug/L #	60
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	2870	0.167	ug/L #	23
12) 1,1-Dichloroethene	2.27	96	2273	0.135	ug/L #	1
35) Methylcyclohexane	6.32	83	44380	1.745	ug/L #	20
37) 1,2-Dichloropropane	6.32	63	18682	1.174	ug/L #	88
44) trans-1,3-Dichloropropene	7.85	75	2419	0.141	ug/L	88
48) 2-Hexanone	8.37	43	14105	2.464	ug/L #	75
59) 1,2,3-Trichloropropane	11.48	75	20140	1.992	ug/L	91

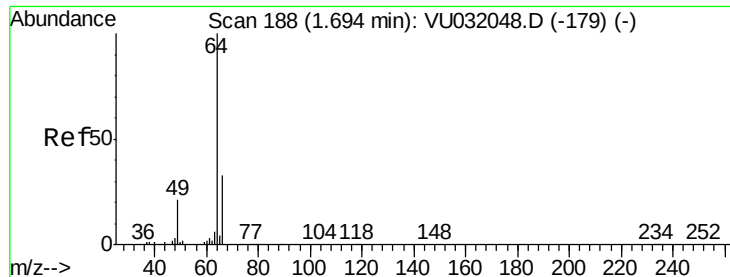
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 17 07:17:36 2019
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#8

Chloroethane

Concen: 0.088 ug/L

RT: 1.68 min Scan# 182

Delta R.T. -0.02 min

Lab File: VU032051.D

Acq: 16 May 2019 16:05

Instrument :

MSVOA_U

ClientSampleId :

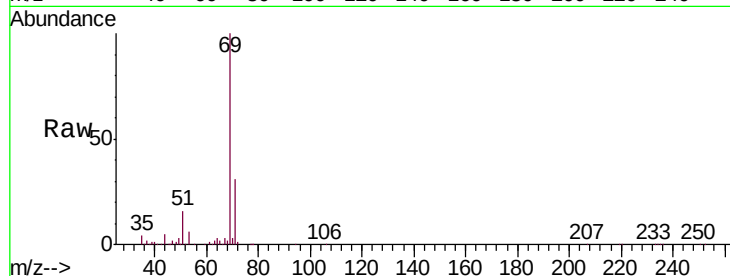
VHBLK01

Tgt Ion: 64 Resp: 1157

Ion Ratio Lower Upper

64 100

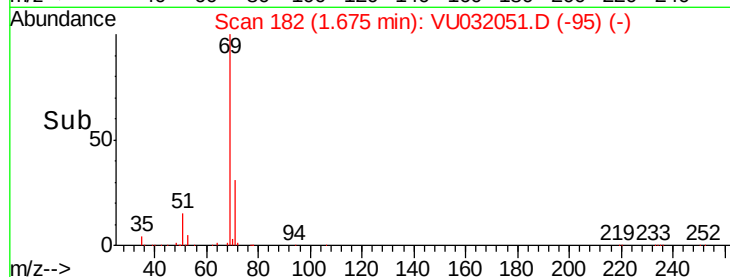
66 9.3 22.0 41.0#



Abundance Ion 64.10 (63.80 to 64.80): VU032048.D (-179) (-)

Ion 66.05 (65.75 to 66.75): VU032048.D (-179) (-)

Time-->

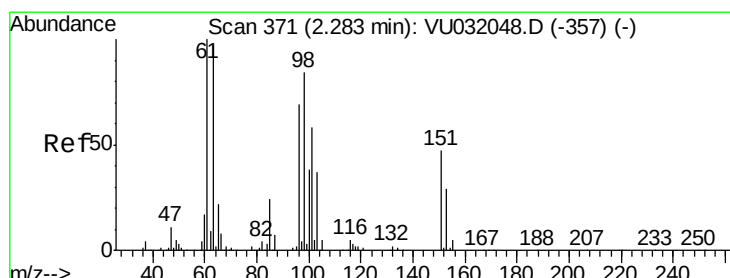


Abundance

Ion 64.10 (63.80 to 64.80): VU032048.D (-179) (-)

Ion 66.05 (65.75 to 66.75): VU032048.D (-179) (-)

Time-->



#10

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

Concen: 0.167 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.01 min

Lab File: VU032051.D

Acq: 16 May 2019 16:05

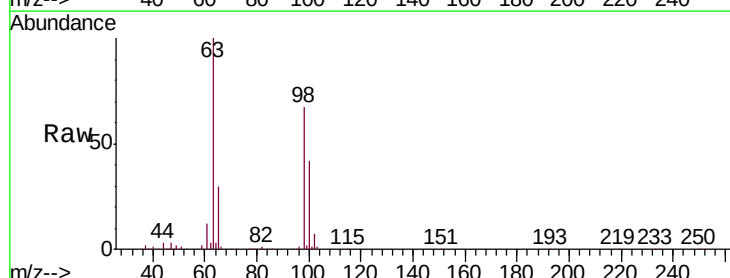
Tgt Ion: 101 Resp: 2870

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.8#

151 4.6 59.4 89.2#

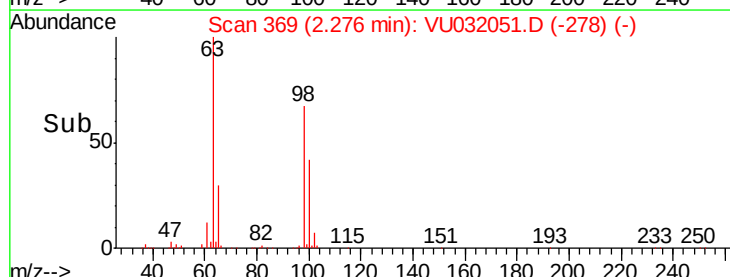


Abundance Ion 101.00 (100.70 to 101.70): VU032048.D (-357) (-)

Ion 85.00 (84.70 to 85.70): VU032048.D (-357) (-)

Ion 151.00 (150.70 to 151.70): VU032048.D (-357) (-)

Time-->



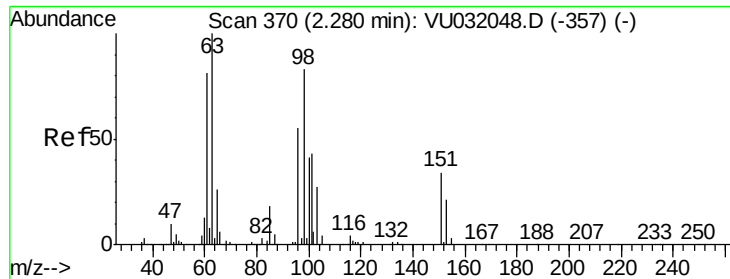
Abundance

Ion 101.00 (100.70 to 101.70): VU032048.D (-357) (-)

Ion 85.00 (84.70 to 85.70): VU032048.D (-357) (-)

Ion 151.00 (150.70 to 151.70): VU032048.D (-357) (-)

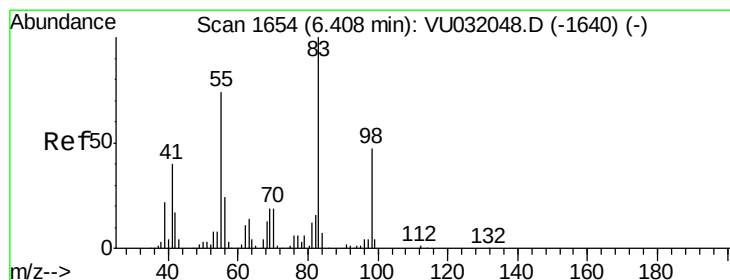
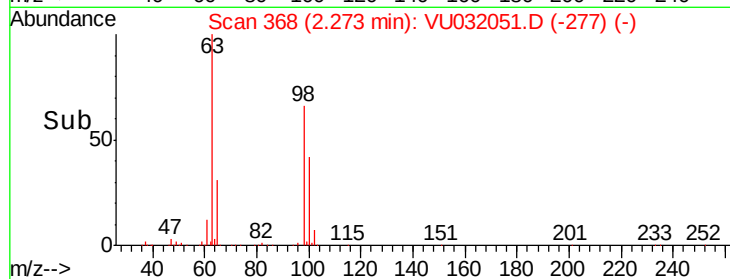
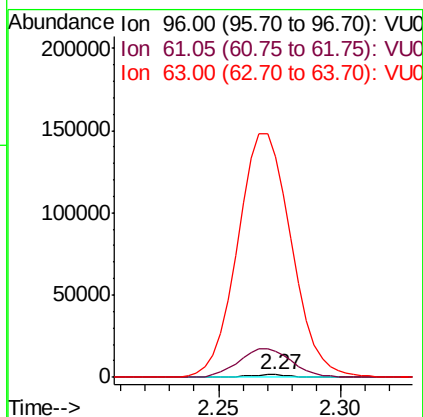
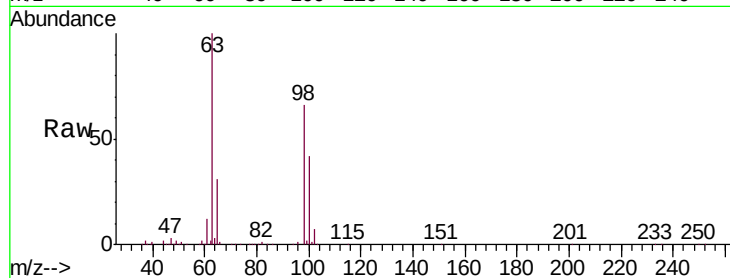
Time-->



#12
 1,1-Dichloroethene
 Concen: 0.135 ug/L
 RT: 2.27 min Scan# 368
 Delta R.T. -0.01 min
 Lab File: VU032051.D
 Acq: 16 May 2019 16:05

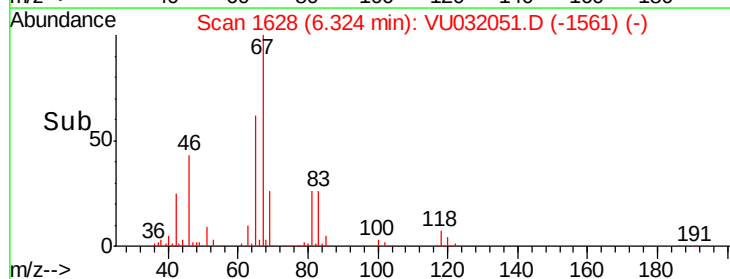
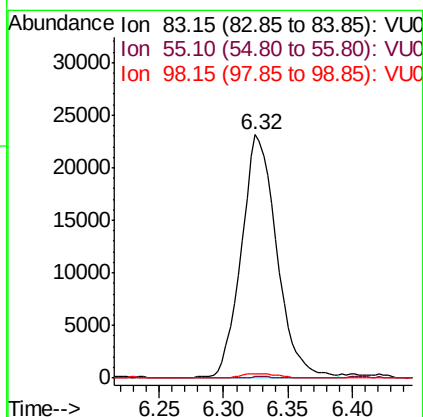
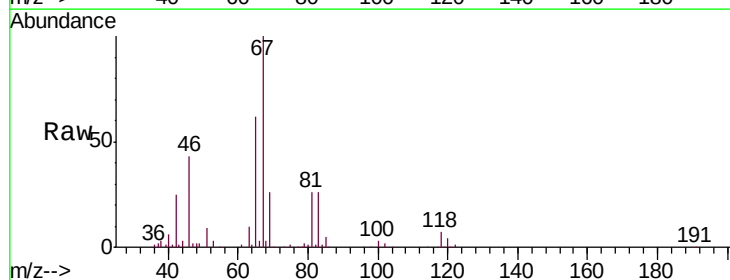
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

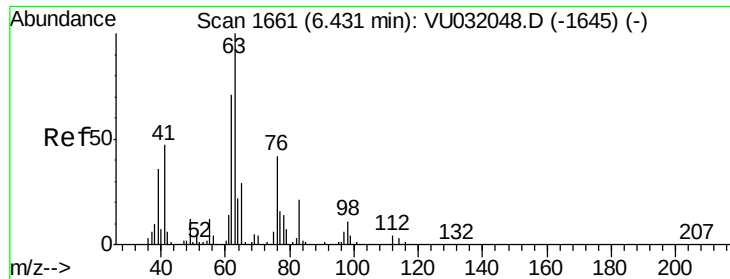
Tgt Ion: 96 Resp: 2273
 Ion Ratio Lower Upper
 96 100
 61 1012.7 111.7 207.5#
 63 8560.5 152.2 282.6#



#35
 Methylcyclohexane
 Concen: 1.745 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.08 min
 Lab File: VU032051.D
 Acq: 16 May 2019 16:05

Tgt Ion: 83 Resp: 44380
 Ion Ratio Lower Upper
 83 100
 55 0.3 59.7 89.5#
 98 1.8 36.8 55.2#

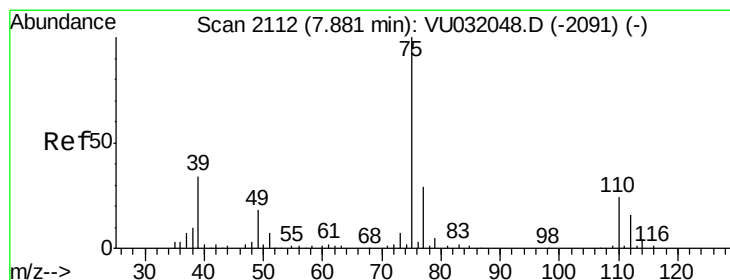
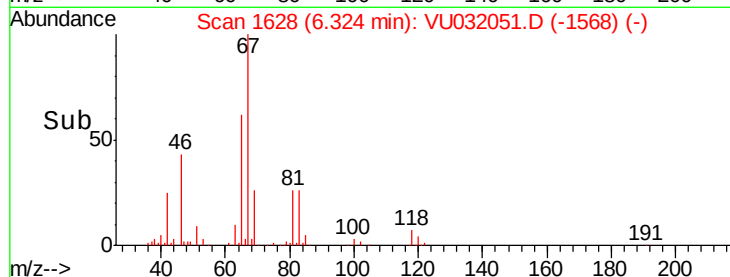
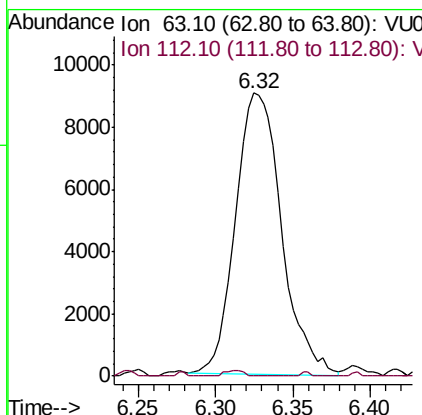
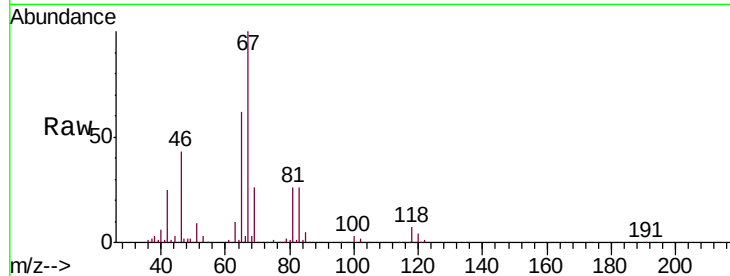




#37
 1,2-Dichloropropane
 Concen: 1.174 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.11 min
 Lab File: VU032051.D
 Acq: 16 May 2019 16:05

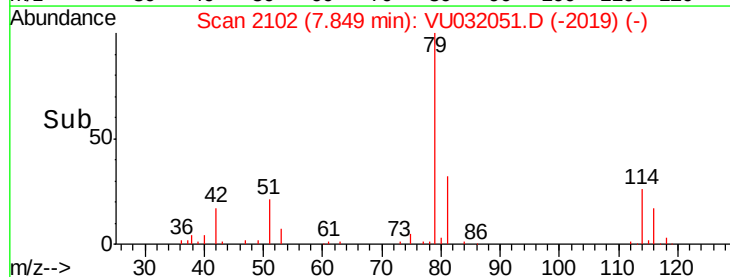
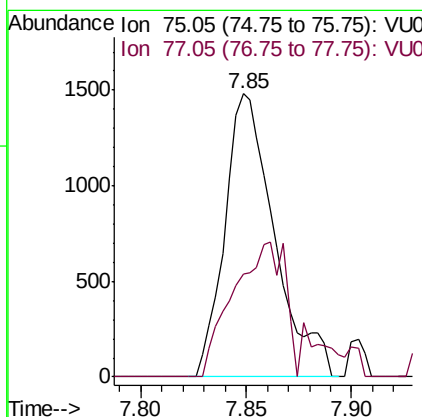
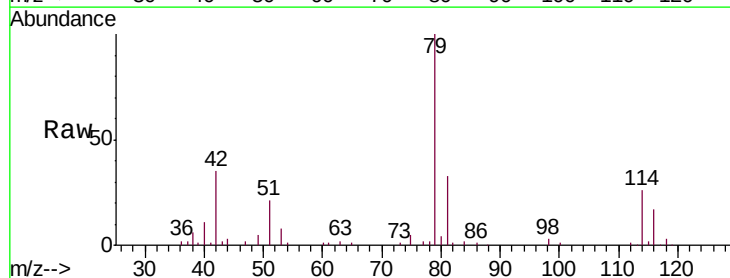
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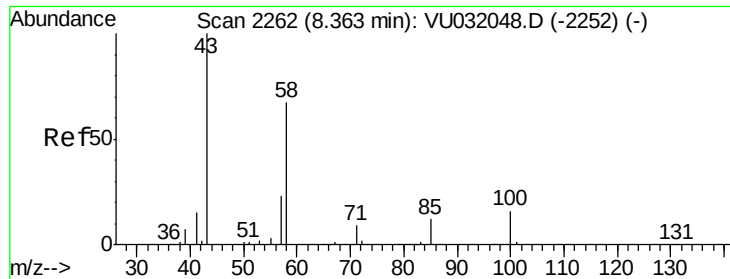
Tgt Ion: 63 Resp: 18682
 Ion Ratio Lower Upper
 63 100
 112 0.8 3.8 5.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.141 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU032051.D
 Acq: 16 May 2019 16:05

Tgt Ion: 75 Resp: 2419
 Ion Ratio Lower Upper
 75 100
 77 36.5 21.0 39.0

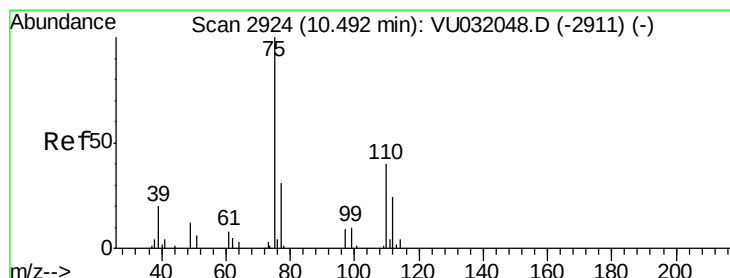
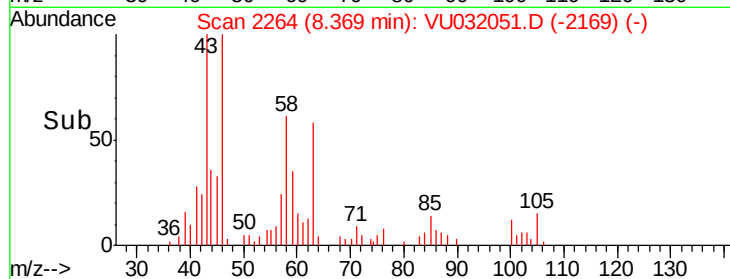
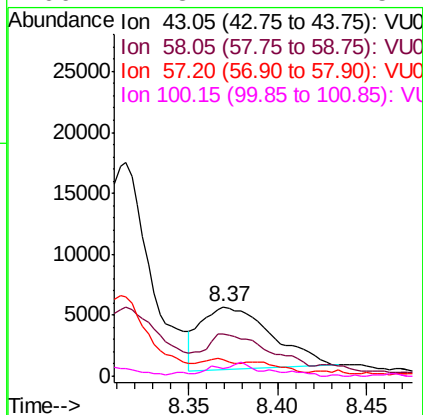
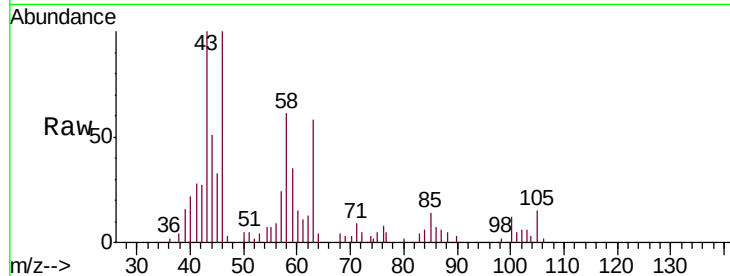




#48
 2-Hexanone
 Concen: 2.464 ug/L
 RT: 8.37 min Scan# 2264
 Delta R.T. 0.01 min
 Lab File: VU032051.D
 Acq: 16 May 2019 16:05

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Tgt Ion: 43 Resp: 14105
 Ion Ratio Lower Upper
 43 100
 58 45.9 51.6 77.4#
 57 10.1 18.4 27.6#
 100 4.3 12.2 18.4#



#59
 1,2,3-Trichloropropane
 Concen: 1.992 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU032051.D
 Acq: 16 May 2019 16:05

Tgt Ion: 75 Resp: 20140
 Ion Ratio Lower Upper
 75 100
 77 38.0 26.2 39.2

