

Data File : VU032227.D
Acq On : 22 May 2019 17:09
Operator : JC/SP
Sample : K2889-06DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM3DL

Quant Time: May 23 01:51:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 23 01:46:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	388770	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	402268	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	160930	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	123347	5.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.00%
7) Chloroethane-d5	1.68	69	100343	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.27	63	179467	4.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.20%
20) 2-Butanone-d5	4.20	46	257927	41.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.76%
24) Chloroform-d	4.64	84	228513	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.00%
26) 1,2-Dichloroethane-d4	5.31	65	113753	3.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.00%
32) Benzene-d6	5.33	84	475859	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
36) 1,2-Dichloropropane-d6	6.33	67	140022	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.60%
41) Toluene-d8	7.56	98	409331	3.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.80%
43) trans-1,3-Dichloropropene-	7.85	79	46960	3.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.80%
46) 2-Hexanone-d5	8.31	63	218787	40.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	107947	2.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	58.60%#
64) 1,2-Dichlorobenzene-d4	11.86	152	145523	3.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	65.60%#

Target Compounds

					Qvalue
3) Chloromethane	1.33	50	2538	0.152 ug/L	91
6) Bromomethane	1.63	94	1697	0.159 ug/L	92
8) Chloroethane	1.68	64	1094	0.102 ug/L #	59
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1997	0.145 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	1801	0.130 ug/L #	1
13) Acetone	2.34	43	2460	1.289 ug/L	98
16) Methylene chloride	2.69	84	2621	0.142 ug/L	97
35) Methylcyclohexane	6.33	83	34401	1.599 ug/L #	20
37) 1,2-Dichloropropane	6.32	63	14697	1.122 ug/L #	86
39) cis-1,3-Dichloropropene	7.22	75	2948	0.158 ug/L	86
44) trans-1,3-Dichloropropene	7.85	75	2406	0.164 ug/L	99
47) Tetrachloroethene	8.22	164	110358	9.154 ug/L	99
48) 2-Hexanone	8.36	43	9931	1.955 ug/L #	39
49) Dibromochloromethane	8.22	129	98370	8.542 ug/L #	13
59) 1,2,3-Trichloropropane	11.48	75	16348	1.916 ug/L	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052219\
Quantitation Report (Not Reviewed)

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 23 01:46:44 2019
Response via : Initial Calibration

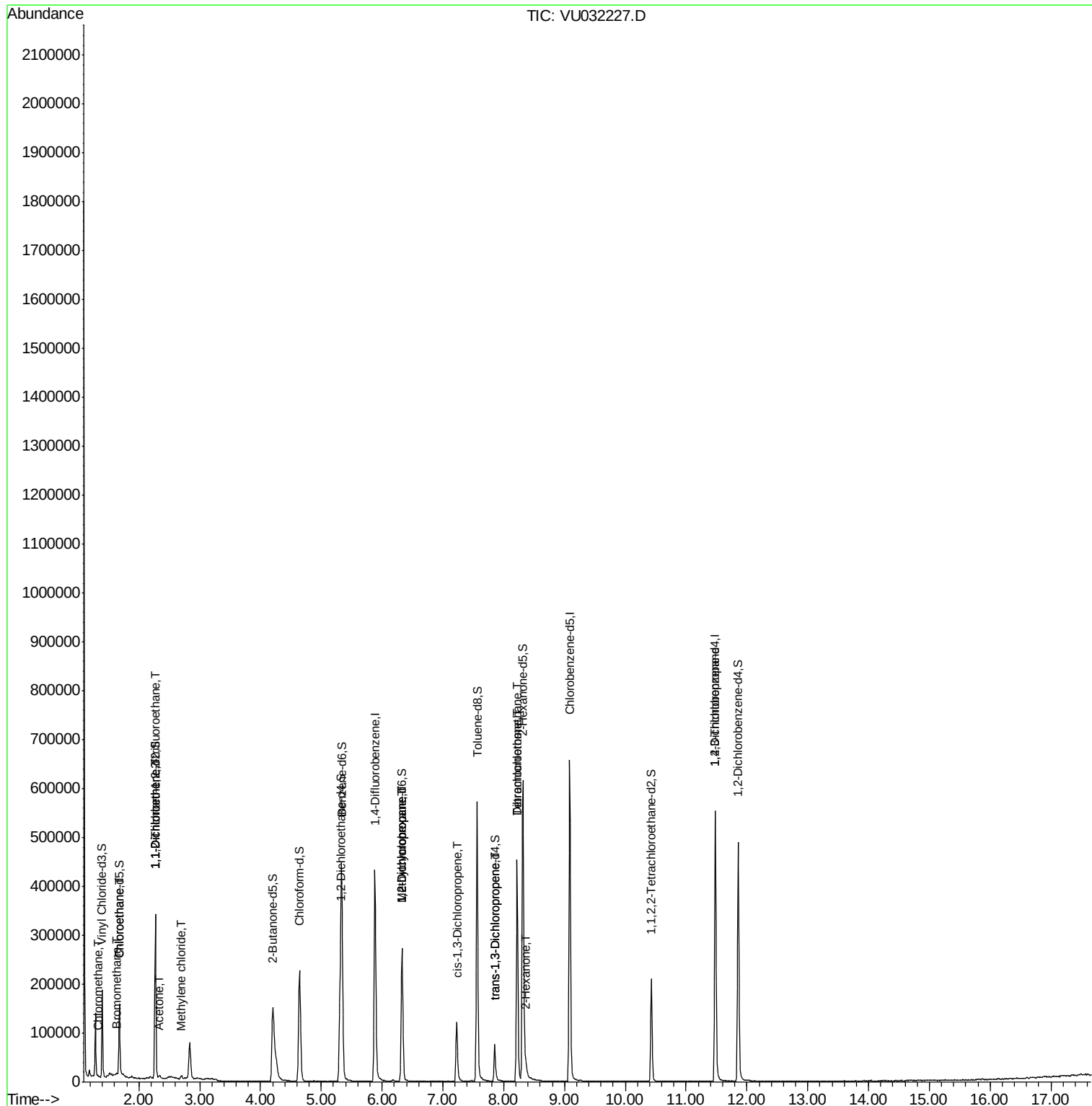
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

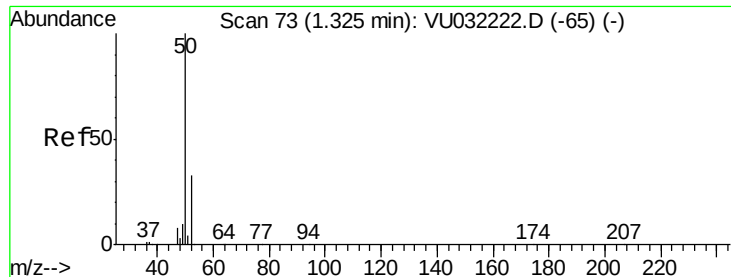
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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QLast Update : Thu May 23 01:46:44 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.152 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU032227.D

Acq: 22 May 2019 17:09

Instrument :

MSVOA_U

ClientSampleId :

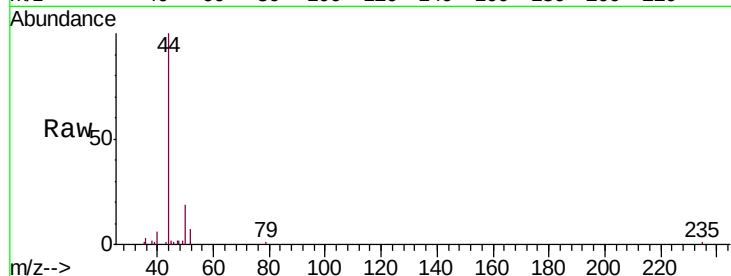
C0BM3DL

Tgt Ion: 50 Resp: 2538

Ion Ratio Lower Upper

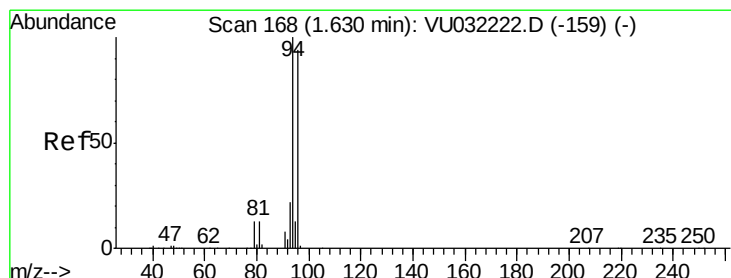
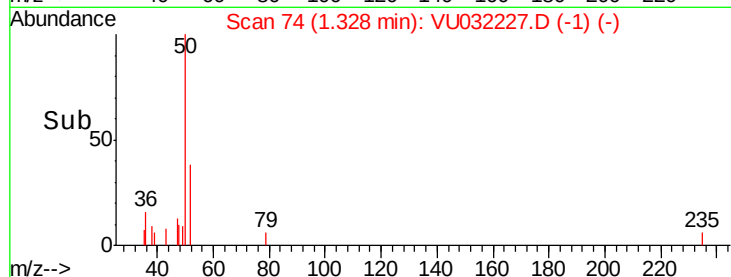
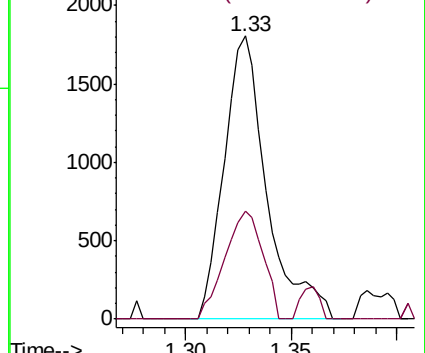
50 100

52 38.1 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#6

Bromomethane

Concen: 0.159 ug/L

RT: 1.63 min Scan# 169

Delta R.T. 0.00 min

Lab File: VU032227.D

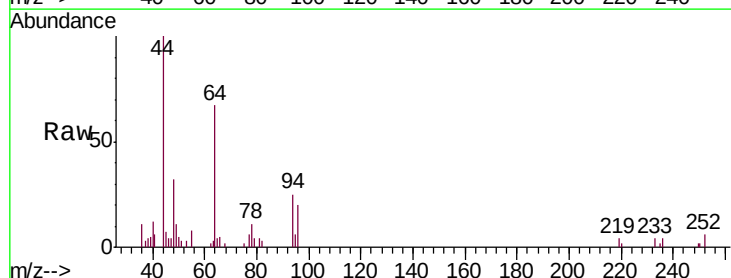
Acq: 22 May 2019 17:09

Tgt Ion: 94 Resp: 1697

Ion Ratio Lower Upper

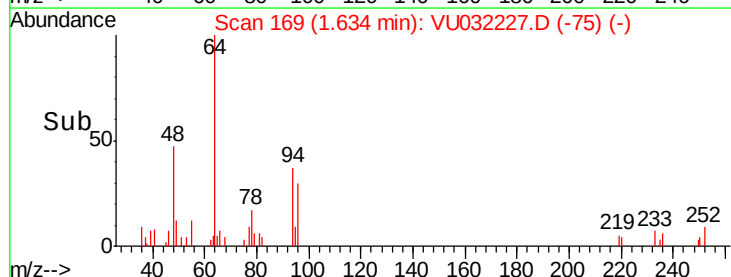
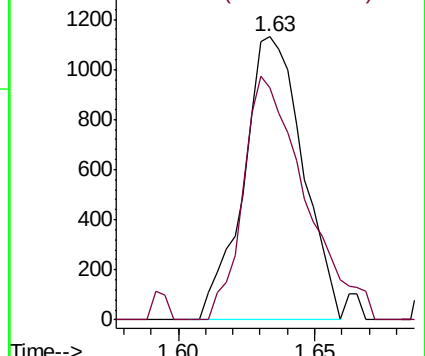
94 100

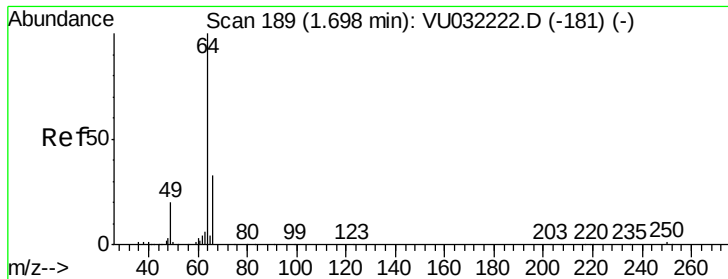
96 82.0 63.0 117.0



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#8

Chloroethane

Concen: 0.102 ug/L

RT: 1.68 min Scan# 185

Delta R.T. -0.01 min

Lab File: VU032227.D

Acq: 22 May 2019 17:09

Instrument :

MSVOA_U

ClientSampleId :

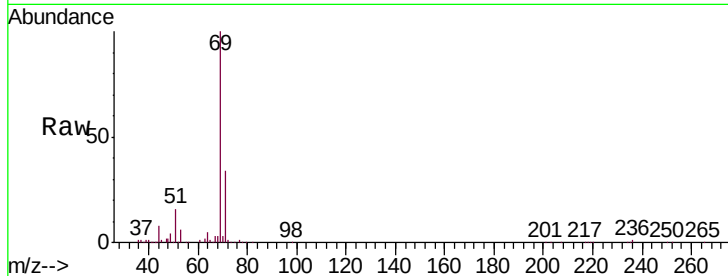
C0BM3DL

Tgt Ion: 64 Resp: 1094

Ion Ratio Lower Upper

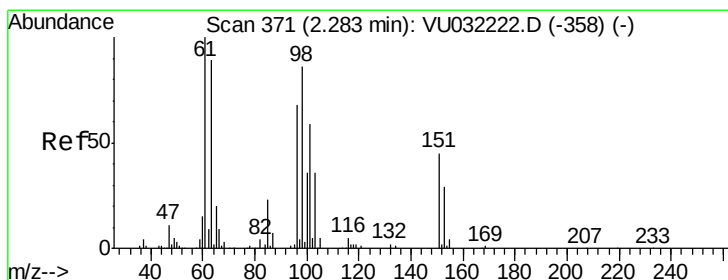
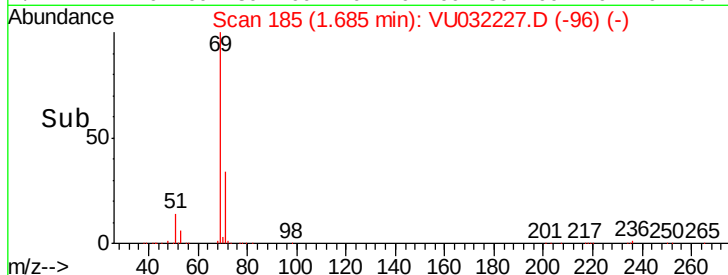
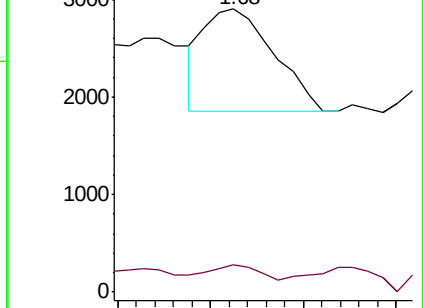
64 100

66 9.8 23.1 42.9#



Abundance Ion 64.10 (63.80 to 64.80): VU032227.D (-181) (-)

Ion 66.05 (65.75 to 66.75): VU032227.D (-181) (-)



#10

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

Concen: 0.145 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032227.D

Acq: 22 May 2019 17:09

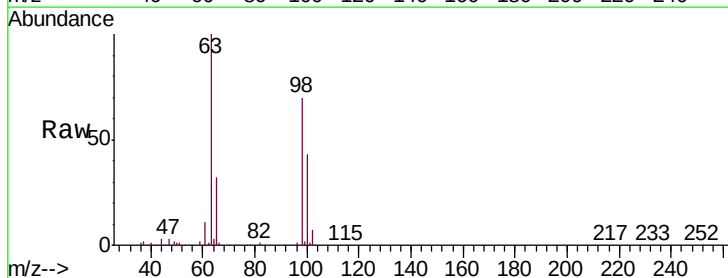
Tgt Ion: 101 Resp: 1997

Ion Ratio Lower Upper

101 100

85 1.0 34.2 51.4#

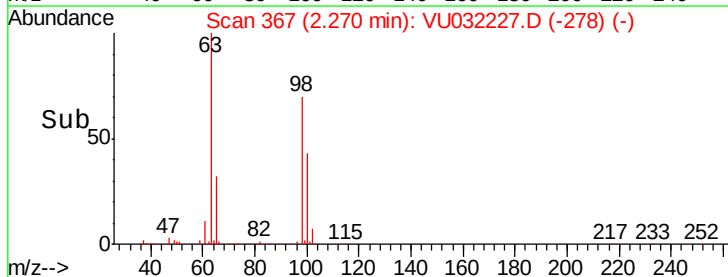
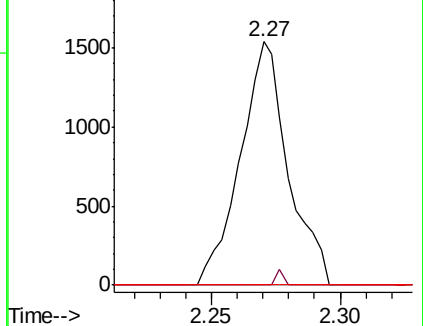
151 0.0 64.4 96.6#

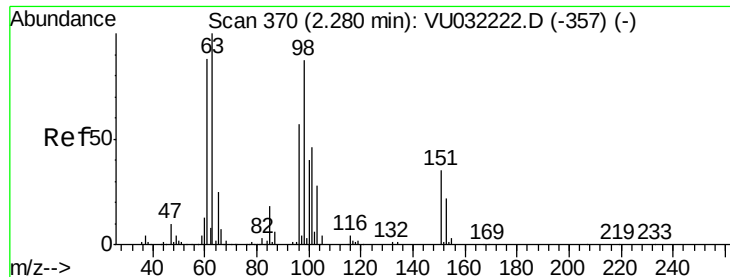


Abundance Ion 101.00 (100.70 to 101.70): VU032227.D (-358) (-)

Ion 85.00 (84.70 to 85.70): VU032227.D (-358) (-)

Ion 151.00 (150.70 to 151.70): VU032227.D (-358) (-)





#12

1,1-Dichloroethene

Concen: 0.130 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032227.D

Acq: 22 May 2019 17:09

Instrument :

MSVOA_U

ClientSampleId :

C0BM3DL

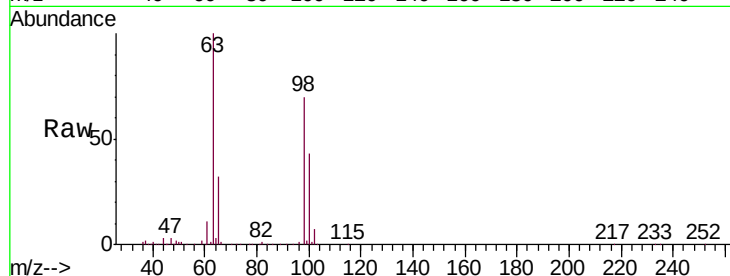
Tgt Ion: 96 Resp: 1801

Ion Ratio Lower Upper

96 100

61 1027.6 113.8 211.3#

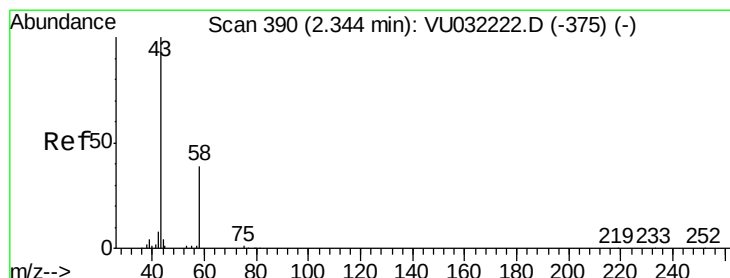
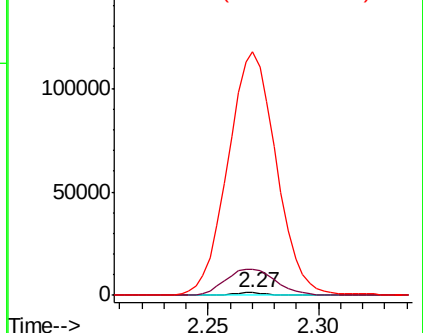
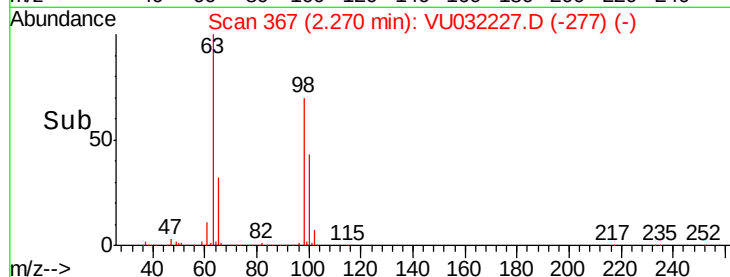
63 9489.8 108.8 202.2#



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



#13

Acetone

Concen: 1.289 ug/L

RT: 2.34 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU032227.D

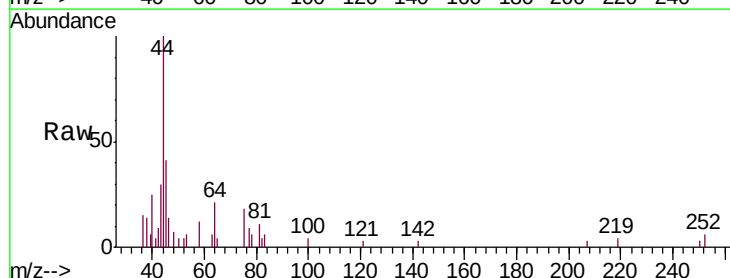
Acq: 22 May 2019 17:09

Tgt Ion: 43 Resp: 2460

Ion Ratio Lower Upper

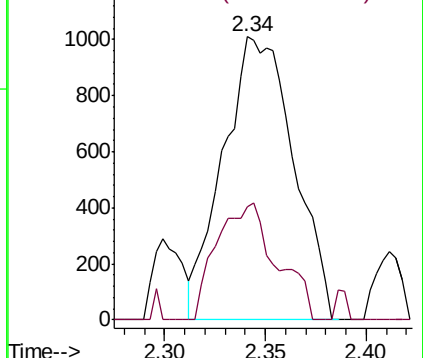
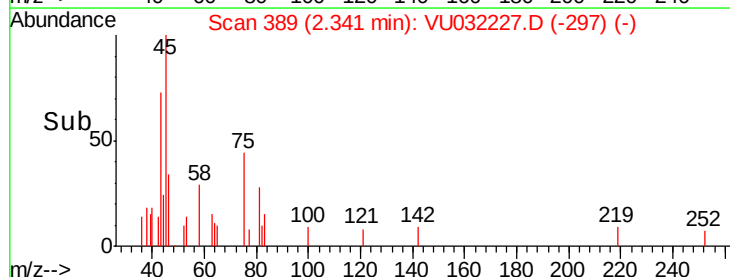
43 100

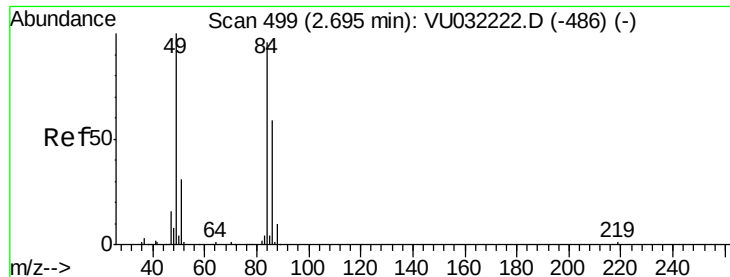
58 35.0 0.0 72.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

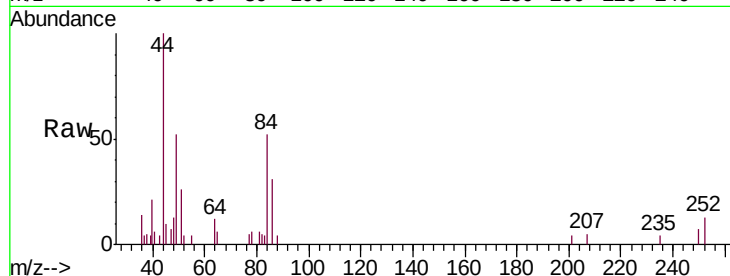




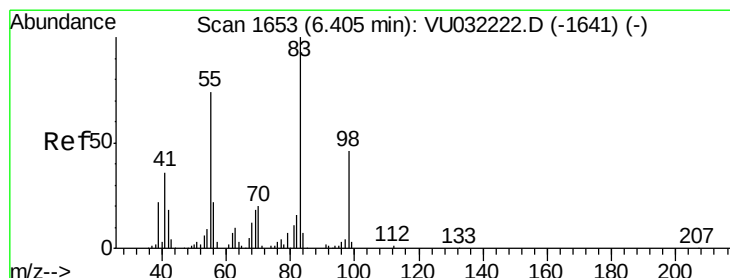
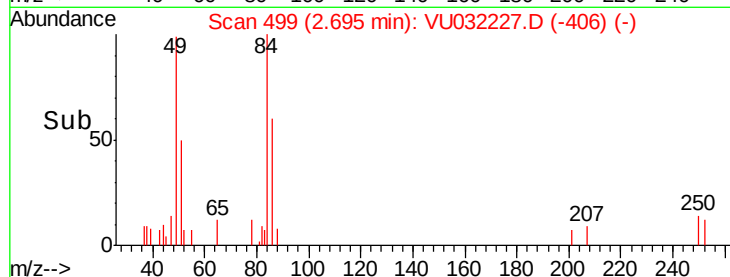
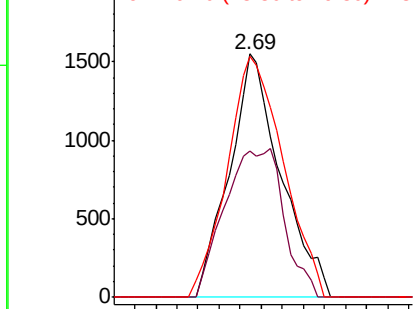
#16
Methylene chloride
Concen: 0.142 ug/L
RT: 2.69 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU032227.D
Acq: 22 May 2019 17:09

Instrument :
MSVOA_U
ClientSampleId :
C0BM3DL

Tgt Ion: 84 Resp: 2621
Ion Ratio Lower Upper
84 100
86 59.9 43.6 81.0
49 98.8 71.1 132.1

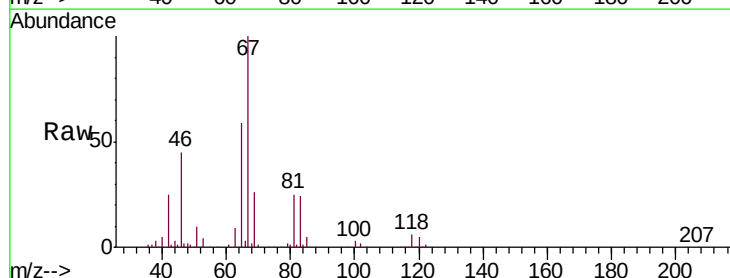


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

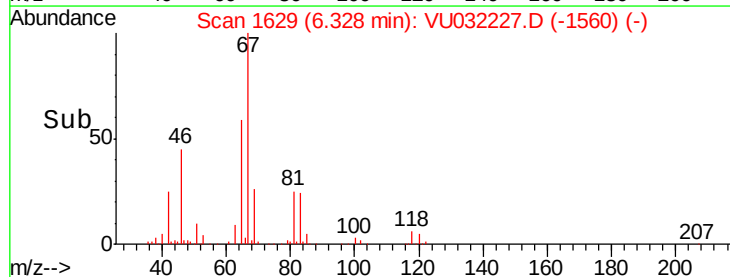
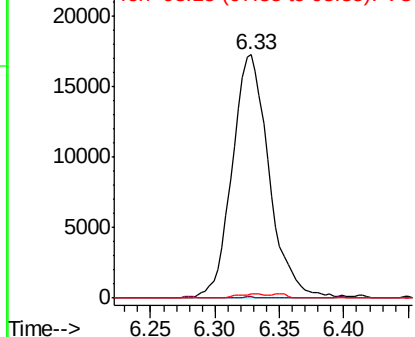


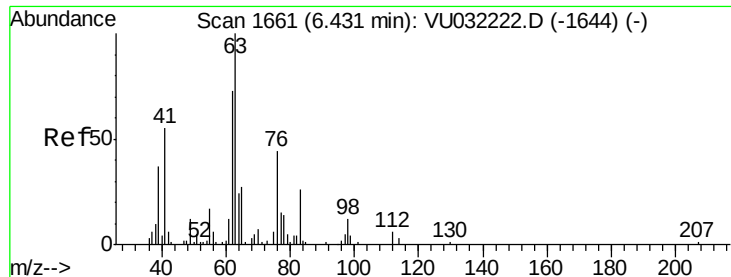
#35
Methylcyclohexane
Concen: 1.599 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032227.D
Acq: 22 May 2019 17:09

Tgt Ion: 83 Resp: 34401
Ion Ratio Lower Upper
83 100
55 0.1 59.7 89.5#
98 1.4 37.5 56.3#



Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

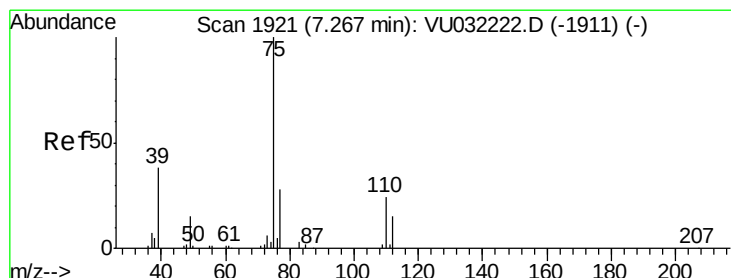
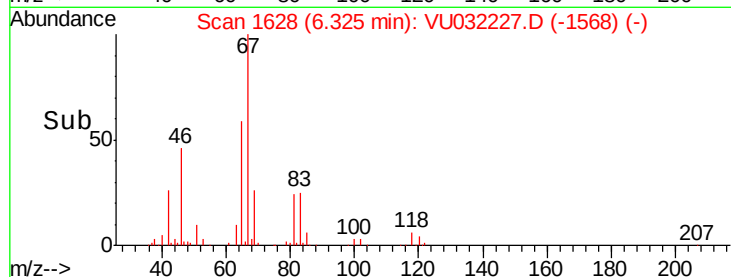
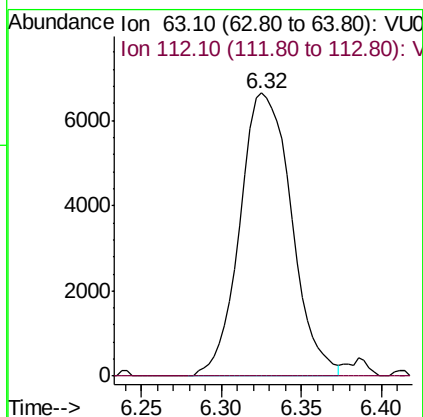
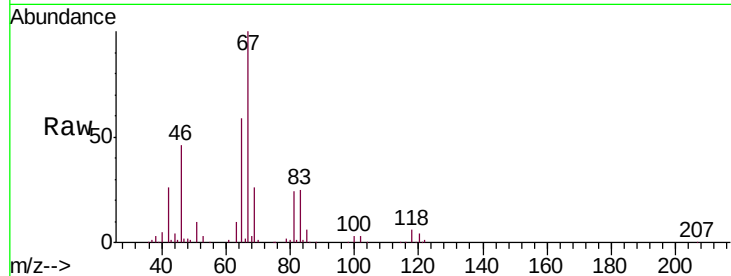




#37
 1,2-Dichloropropane
 Concen: 1.122 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.11 min
 Lab File: VU032227.D
 Acq: 22 May 2019 17:09

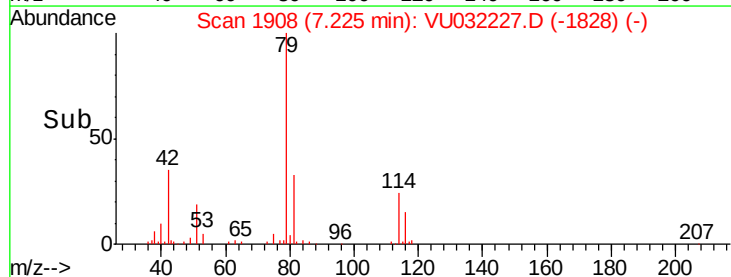
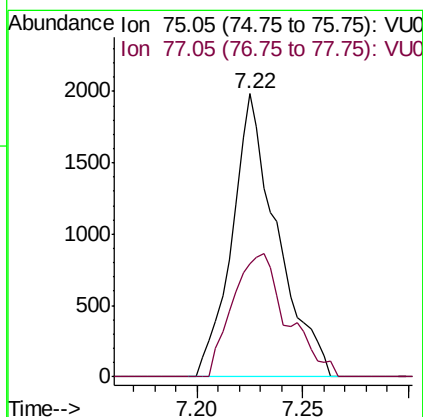
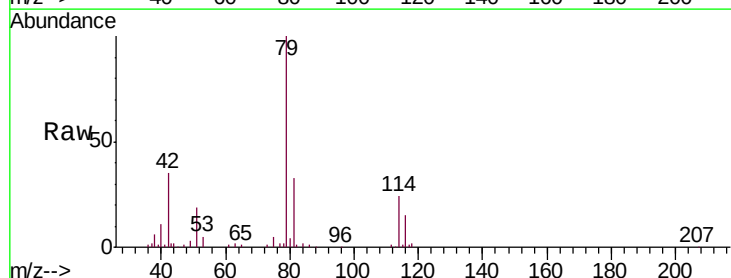
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 C0BM3DL

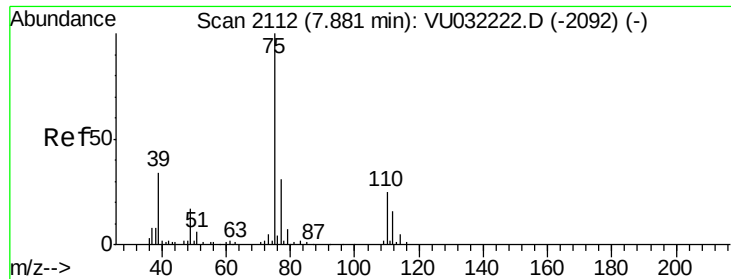
Tgt Ion: 63 Resp: 14697
 Ion Ratio Lower Upper
 63 100
 112 0.1 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.158 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU032227.D
 Acq: 22 May 2019 17:09

Tgt Ion: 75 Resp: 2948
 Ion Ratio Lower Upper
 75 100
 77 40.1 22.6 42.0





#44

trans-1,3-Dichloropropene

Concen: 0.164 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.04 min

Lab File: VU032227.D

Acq: 22 May 2019 17:09

Instrument :

MSVOA_U

ClientSampleId :

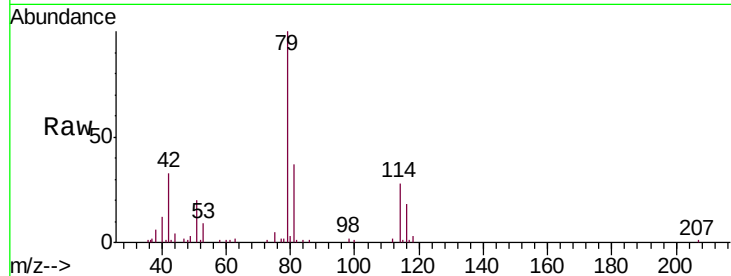
C0BM3DL

Tgt Ion: 75 Resp: 2406

Ion Ratio Lower Upper

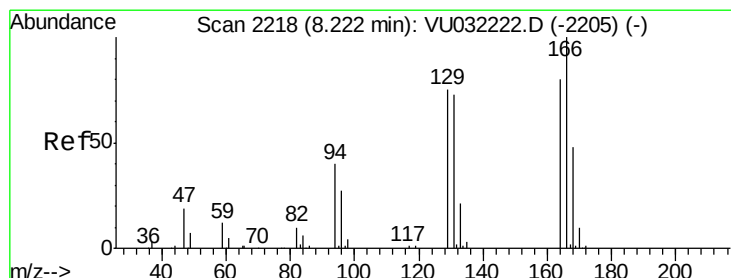
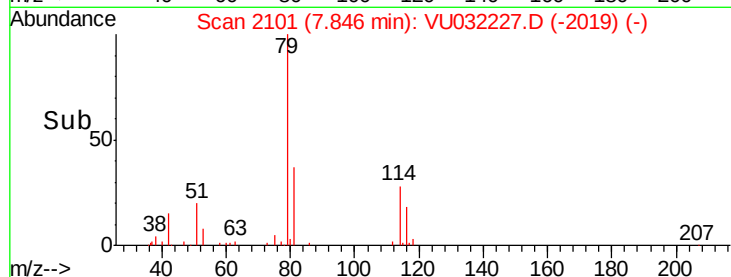
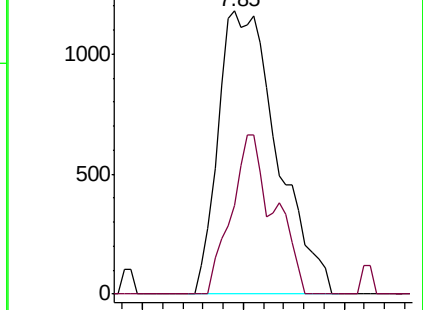
75 100

77 31.5 22.5 41.9



Abundance Ion 75.05 (74.75 to 75.75): VU032227.D (-2101) (-)

Ion 77.05 (76.75 to 77.75): VU032227.D (-2101) (-)



#47

Tetrachloroethene

Concen: 9.154 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU032227.D

Acq: 22 May 2019 17:09

Tgt Ion: 164 Resp: 110358

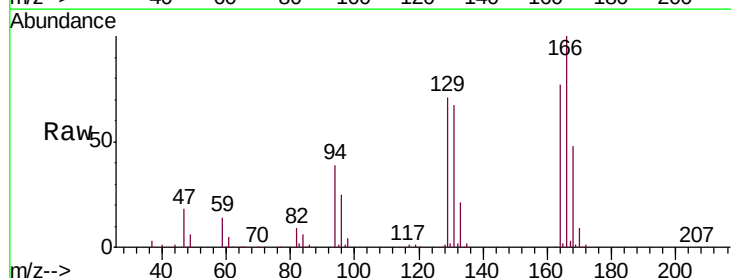
Ion Ratio Lower Upper

164 100

129 93.4 67.1 124.7

131 87.4 62.2 115.4

166 130.7 90.9 168.9

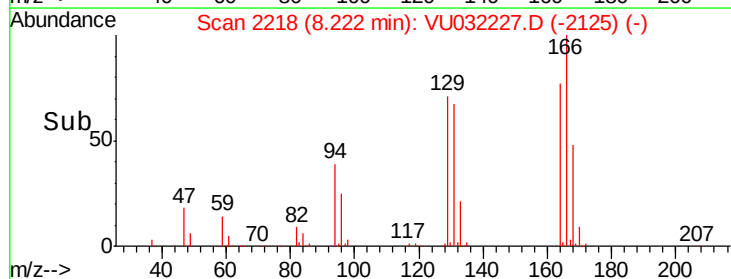
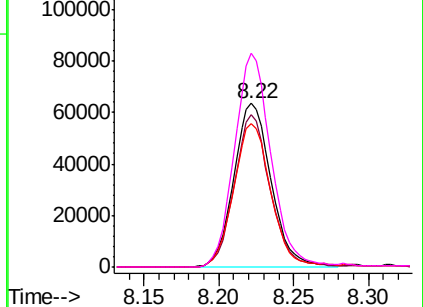


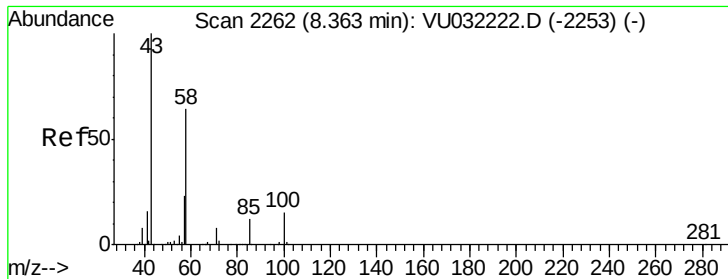
Abundance Ion 163.90 (163.60 to 164.60): VU032227.D (-2218) (-)

Ion 128.95 (128.65 to 129.65): VU032227.D (-2218) (-)

Ion 130.95 (130.65 to 131.65): VU032227.D (-2218) (-)

Ion 165.90 (165.60 to 166.60): VU032227.D (-2218) (-)

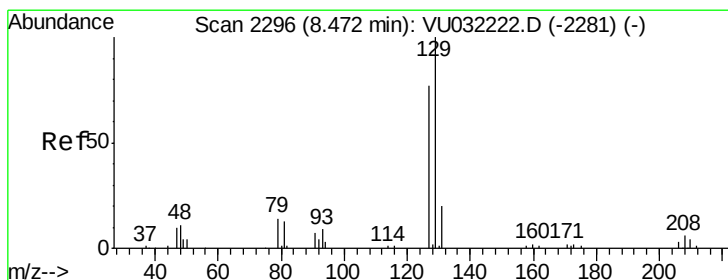
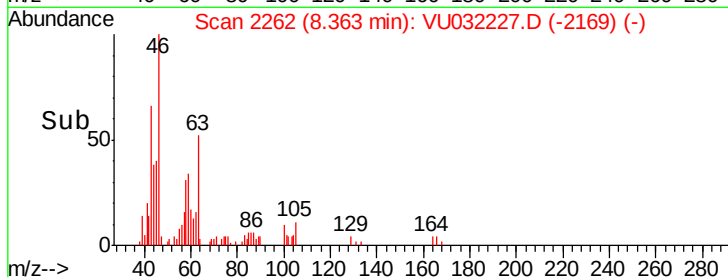
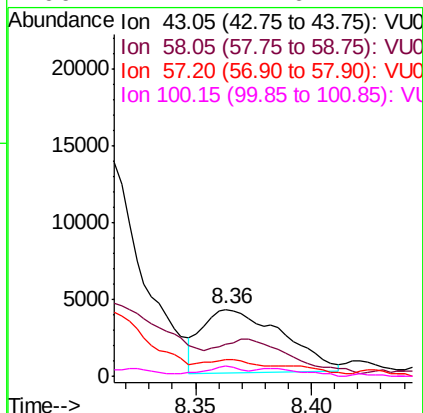
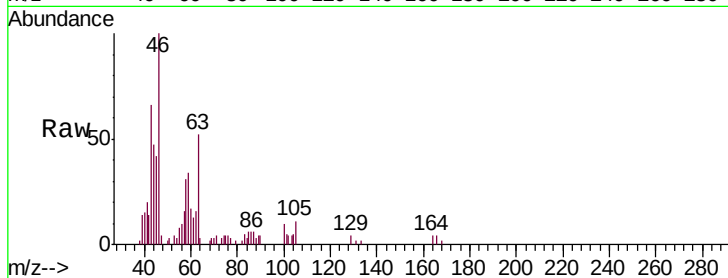




#48
2-Hexanone
Concen: 1.955 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU032227.D
Acq: 22 May 2019 17:09

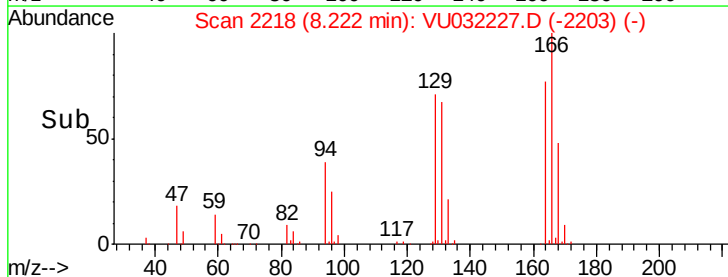
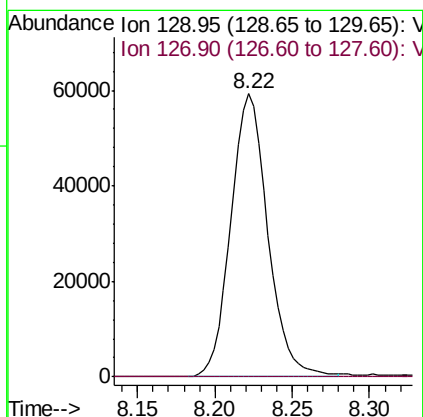
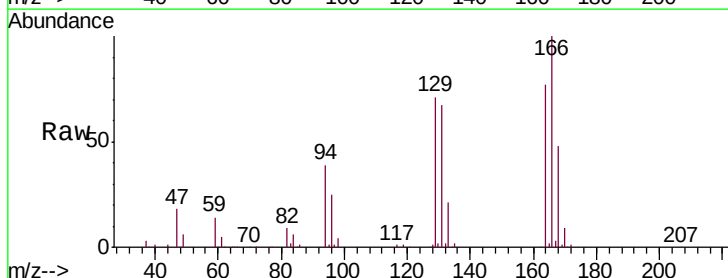
Instrument :
MSVOA_U
ClientSampleId :
C0BM3DL

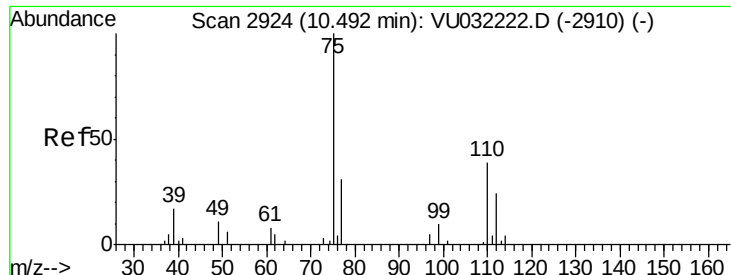
Tgt Ion: 43 Resp: 9931
Ion Ratio Lower Upper
43 100
58 0.0 49.7 74.5#
57 6.3 17.1 25.7#
100 7.7 11.6 17.4#



#49
Dibromochloromethane
Concen: 8.542 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU032227.D
Acq: 22 May 2019 17:09

Tgt Ion: 129 Resp: 98370
Ion Ratio Lower Upper
129 100
127 0.2 51.7 95.9#





#59

1,2,3-Trichloropropane

Concen: 1.916 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU032227.D

Acq: 22 May 2019 17:09

Instrument :

MSVOA_U

ClientSampleId :

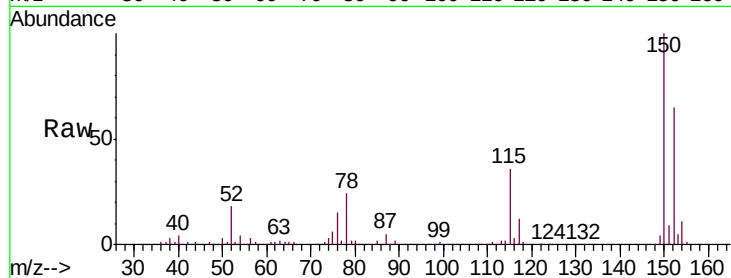
C0BM3DL

Tgt Ion: 75 Resp: 16348

Ion Ratio Lower Upper

75 100

77 39.4 28.2 42.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

