

Data File : VU032279.D
Acq On : 23 May 2019 19:28
Operator : JC/SP
Sample : K2888-05DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN7DL

Quant Time: May 24 02:59:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 24 02:55:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	346613	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	354929	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	137830	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	110405	5.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.40%
7) Chloroethane-d5	1.68	69	92659	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.27	63	163028	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.80%
20) 2-Butanone-d5	4.20	46	237127	43.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.38%
24) Chloroform-d	4.64	84	218164	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.31	65	107709	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
32) Benzene-d6	5.33	84	443439	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.33	67	127916	3.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.20%
41) Toluene-d8	7.56	98	360545	3.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.60%
43) trans-1,3-Dichloropropene-	7.85	79	41161	3.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.40%
46) 2-Hexanone-d5	8.31	63	199004	42.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.10%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	102553	3.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	63.20%#
64) 1,2-Dichlorobenzene-d4	11.86	152	130993	3.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	69.00%#

Target Compounds

					Qvalue
3) Chloromethane	1.33	50	2853	0.192 ug/L	94
8) Chloroethane	1.68	64	1583	0.166 ug/L #	65
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1822	0.148 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	1599	0.130 ug/L #	1
13) Acetone	2.34	43	3728	2.191 ug/L	95
15) Methyl Acetate	2.63	43	975	0.195 ug/L #	41
16) Methylene chloride	2.69	84	1896	0.115 ug/L	90
35) Methylcyclohexane	6.33	83	31870	1.679 ug/L #	20
37) 1,2-Dichloropropane	6.33	63	13525	1.170 ug/L #	88
39) cis-1,3-Dichloropropene	7.23	75	3083	0.187 ug/L #	79
44) trans-1,3-Dichloropropene	7.85	75	1741	0.135 ug/L #	33
47) Tetrachloroethene	8.22	164	101277	9.521 ug/L	94
48) 2-Hexanone	8.37	43	7840	1.749 ug/L #	81
49) Dibromochloromethane	8.22	129	89559	8.814 ug/L #	13
59) 1,2,3-Trichloropropane	11.48	75	14174	1.883 ug/L	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052319\
Quantitation Report (Not Reviewed)

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 24 02:55:50 2019
Response via : Initial Calibration

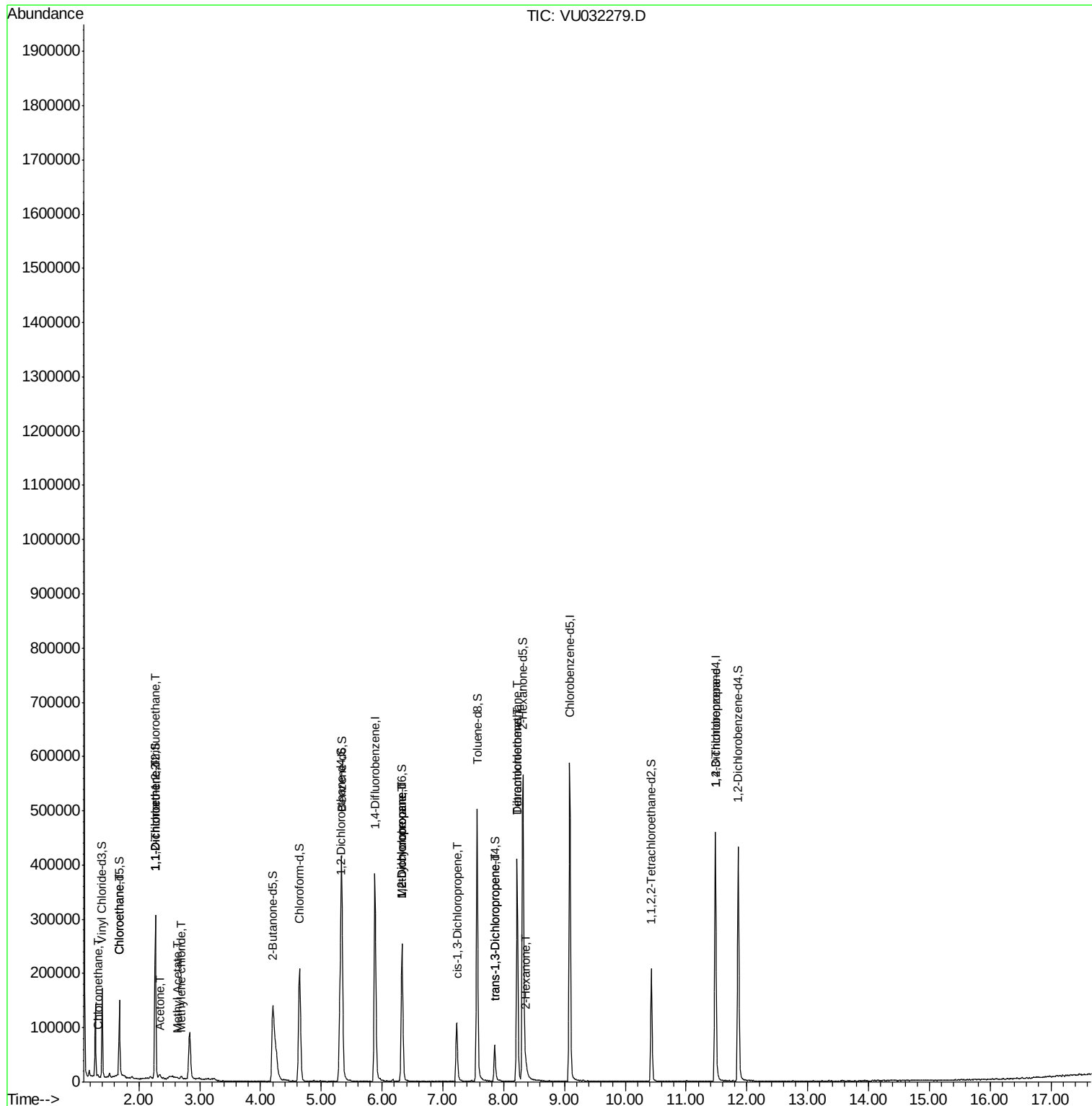
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

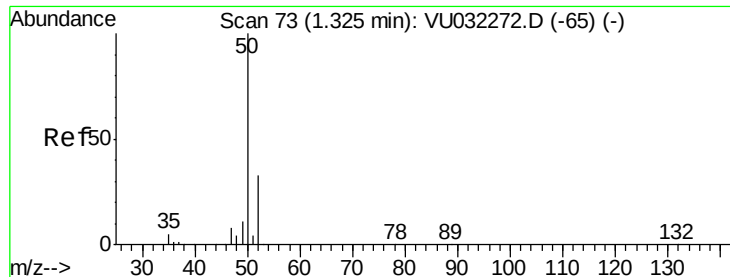
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#3

Chloromethane

Concen: 0.192 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU032279.D

Acq: 23 May 2019 19:28

Instrument :

MSVOA_U

ClientSampleId :

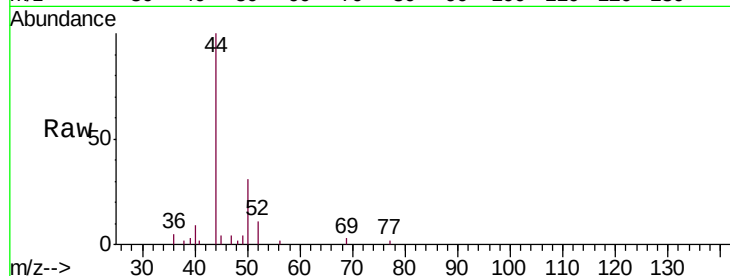
C0BN7DL

Tgt Ion: 50 Resp: 2853

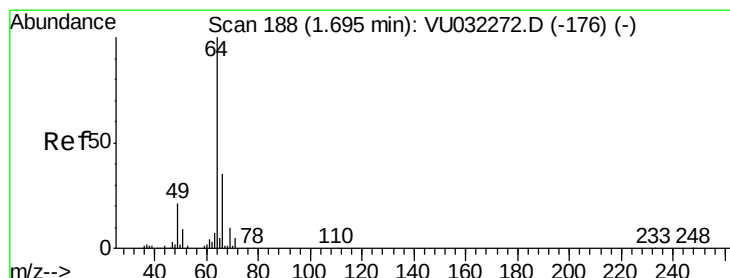
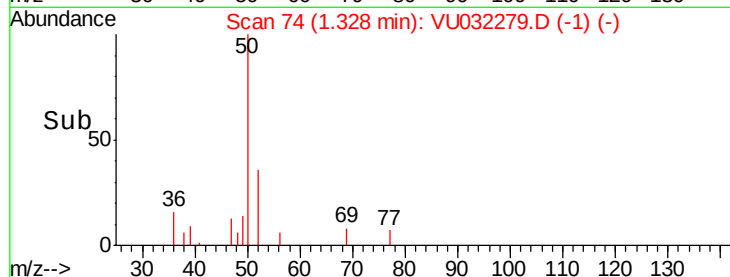
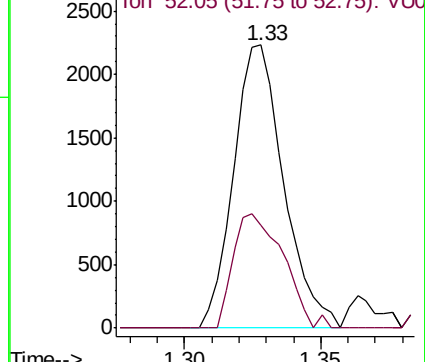
Ion Ratio Lower Upper

50 100

52 36.4 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VU032272.D (-65) (-)



#8

Chloroethane

Concen: 0.166 ug/L

RT: 1.68 min Scan# 182

Delta R.T. -0.02 min

Lab File: VU032279.D

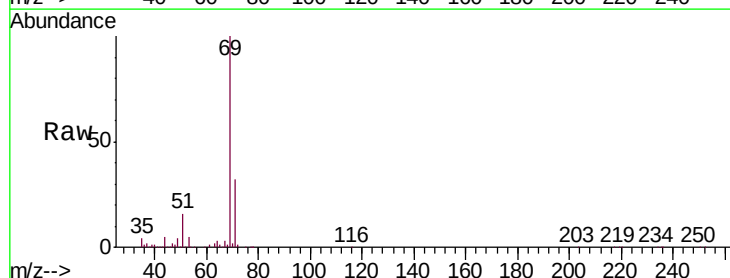
Acq: 23 May 2019 19:28

Tgt Ion: 64 Resp: 1583

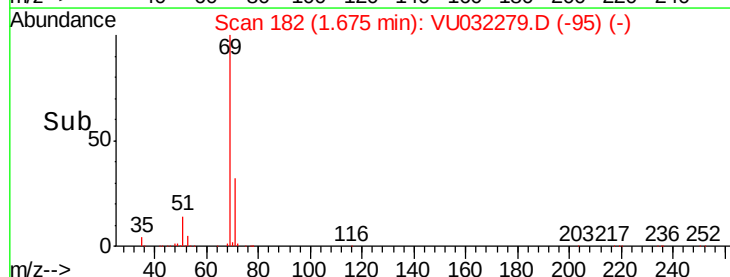
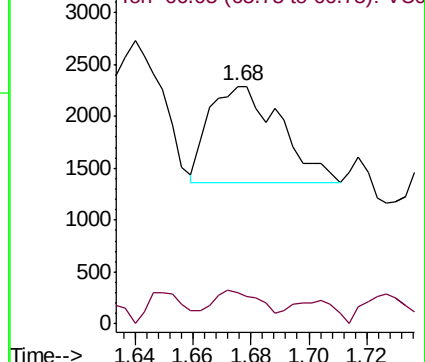
Ion Ratio Lower Upper

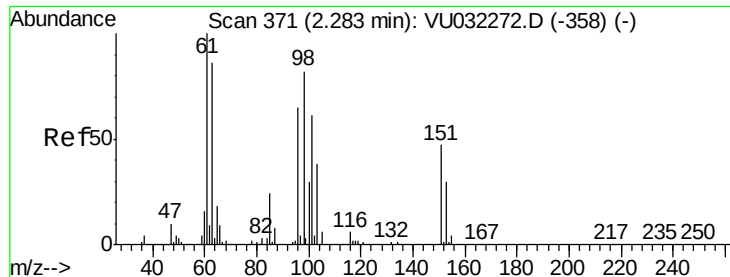
64 100

66 13.2 23.1 42.9#



Abundance Ion 64.10 (63.80 to 64.80): VU032272.D (-176) (-)





#10

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

Concen: 0.148 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032279.D

Acq: 23 May 2019 19:28

Instrument :

MSVOA_U

ClientSampleId :

C0BN7DL

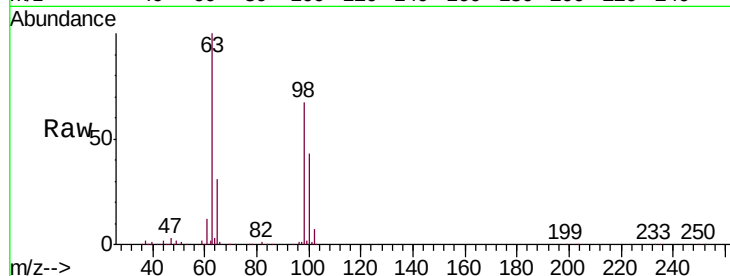
Tgt Ion:101 Resp: 1822

Ion Ratio Lower Upper

101 100

85 1.0 34.2 51.4#

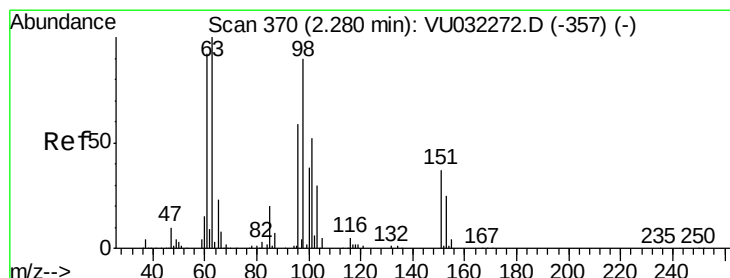
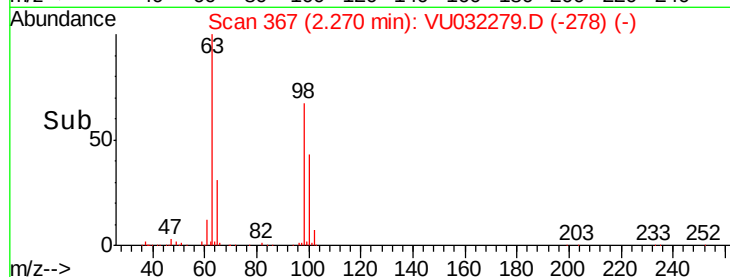
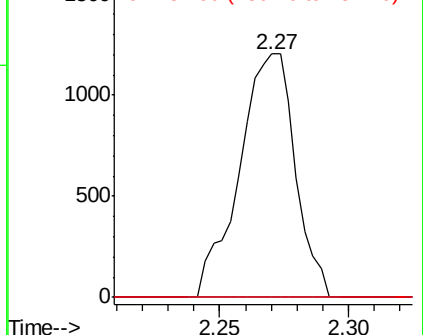
151 0.0 64.4 96.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.130 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU032279.D

Acq: 23 May 2019 19:28

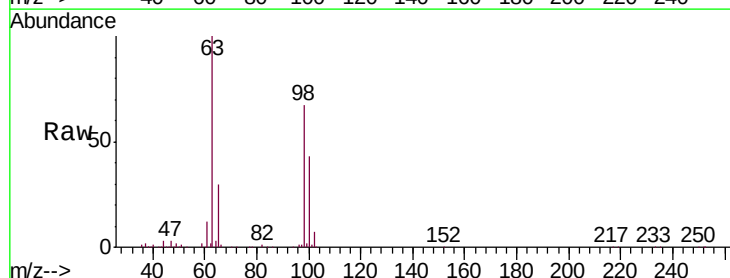
Tgt Ion: 96 Resp: 1599

Ion Ratio Lower Upper

96 100

61 1128.4 113.8 211.3#

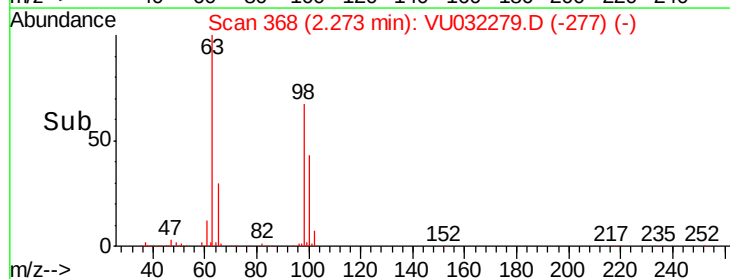
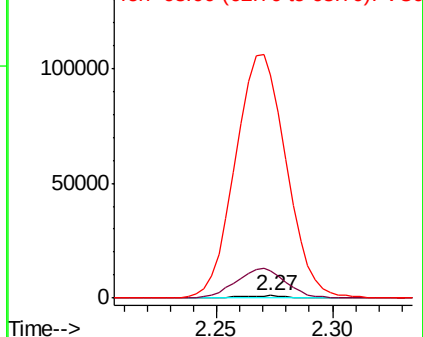
63 9301.9 108.8 202.2#

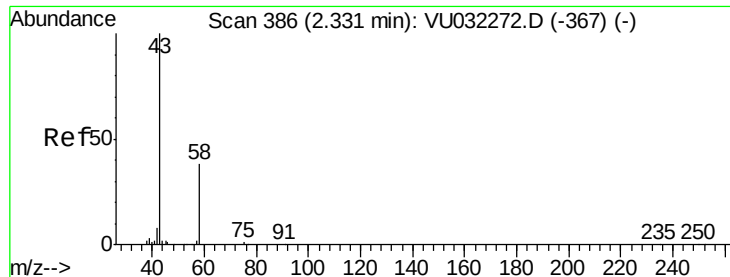


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.191 ug/L

RT: 2.34 min Scan# 390

Delta R.T. 0.01 min

Lab File: VU032279.D

Acq: 23 May 2019 19:28

Instrument :

MSVOA_U

ClientSampleId :

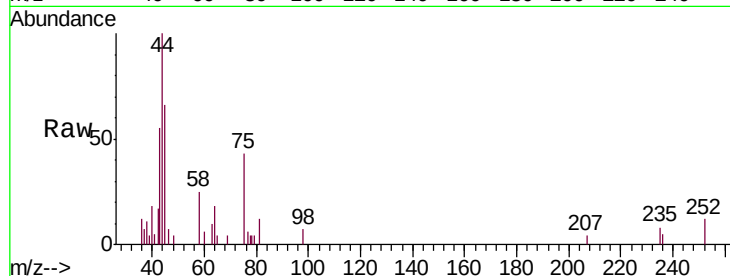
C0BN7DL

Tgt Ion: 43 Resp: 3728

Ion Ratio Lower Upper

43 100

58 39.1 0.0 72.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.34

1500

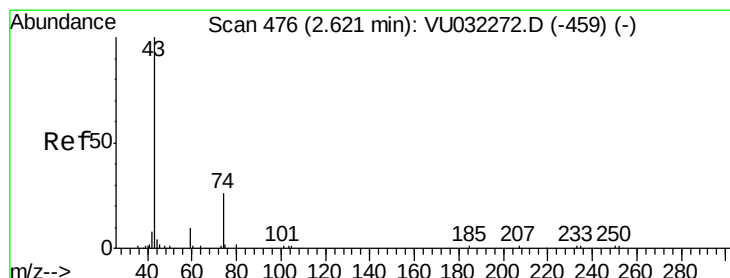
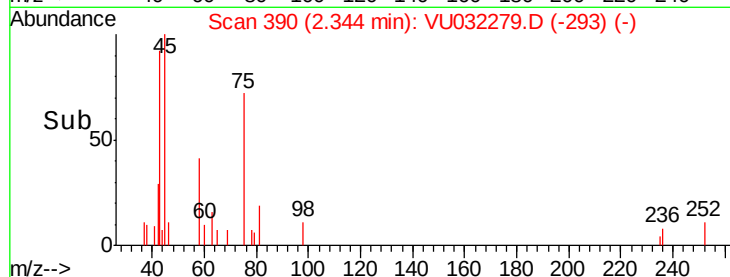
1000

500

0

2.30 2.35 2.40

Time-->



#15

Methyl Acetate

Concen: 0.195 ug/L

RT: 2.63 min Scan# 479

Delta R.T. 0.01 min

Lab File: VU032279.D

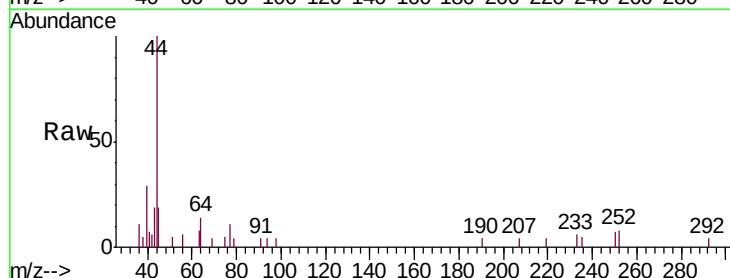
Acq: 23 May 2019 19:28

Tgt Ion: 43 Resp: 975

Ion Ratio Lower Upper

43 100

74 0.0 27.3 40.9#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0

2.63

600

500

400

300

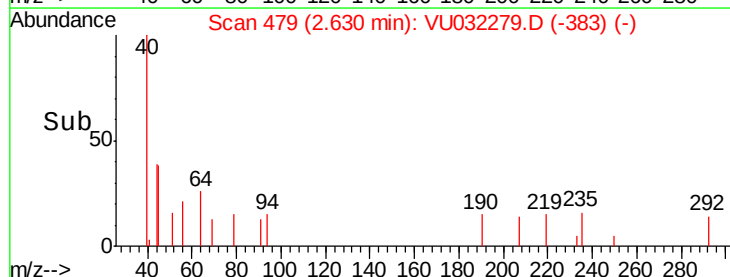
200

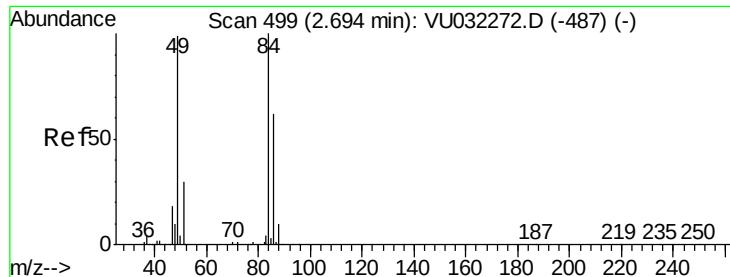
100

0

2.60 2.62 2.64 2.66

Time-->





#16

Methylene chloride

Concen: 0.115 ug/L

RT: 2.69 min Scan# 498

Delta R.T. -0.00 min

Lab File: VU032279.D

Acq: 23 May 2019 19:28

Instrument :

MSVOA_U

ClientSampleId :

C0BN7DL

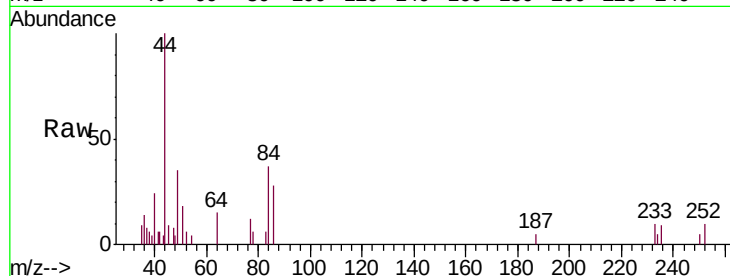
Tgt Ion: 84 Resp: 1896

Ion Ratio Lower Upper

84 100

86 74.5 43.6 81.0

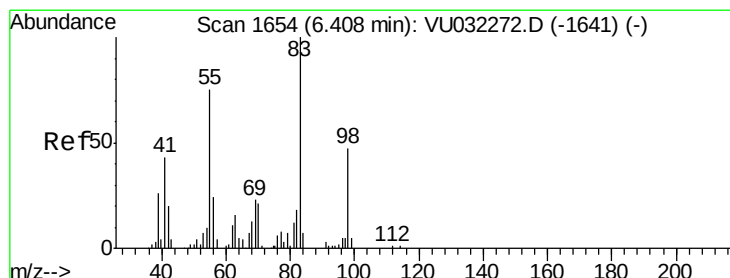
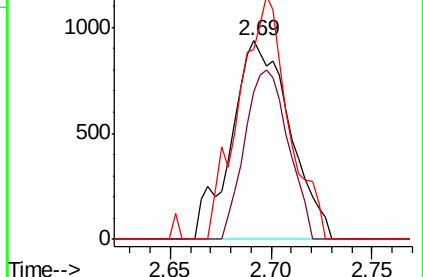
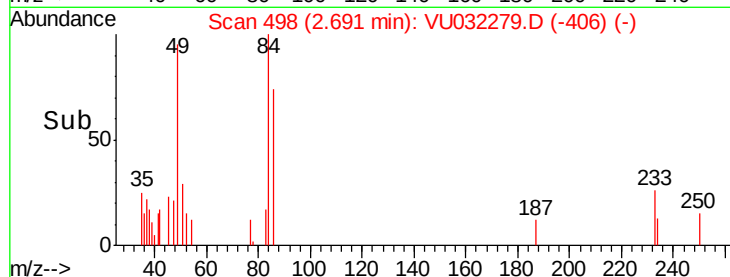
49 95.3 71.1 132.1



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: 1.679 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU032279.D

Acq: 23 May 2019 19:28

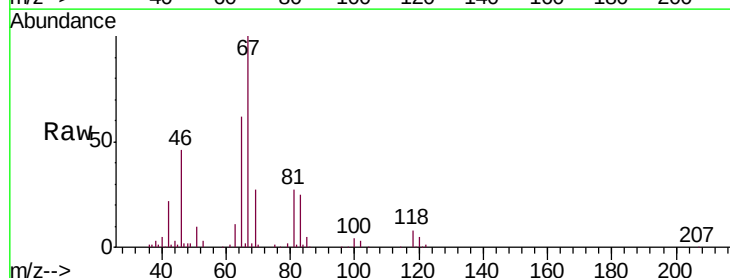
Tgt Ion: 83 Resp: 31870

Ion Ratio Lower Upper

83 100

55 0.0 59.7 89.5#

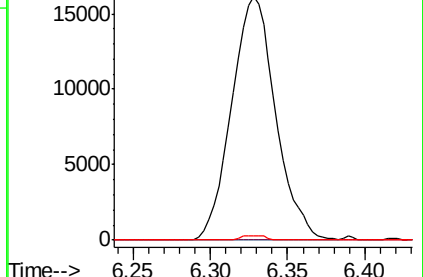
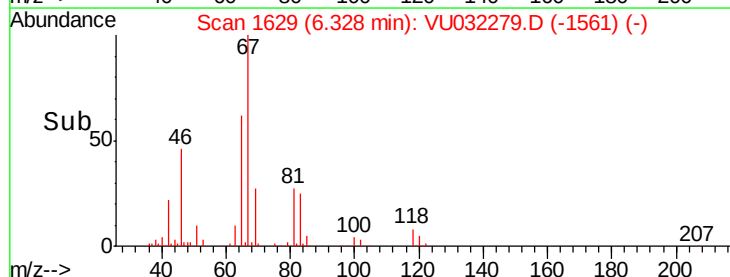
98 1.1 37.5 56.3#

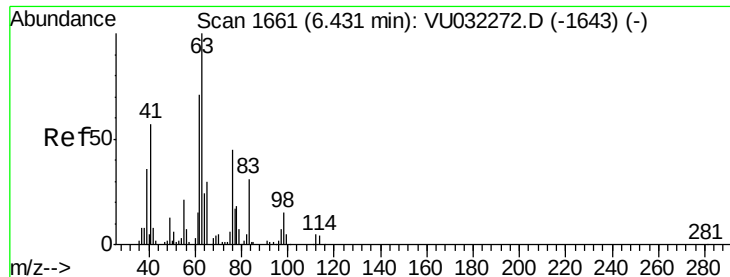


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

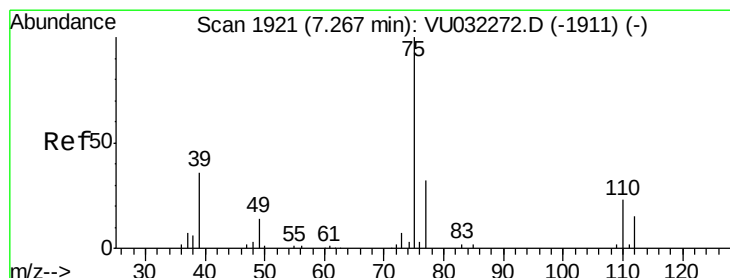
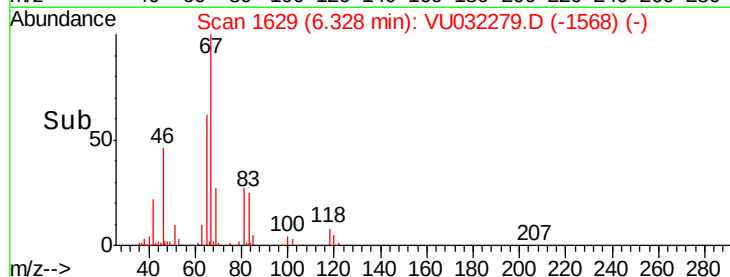
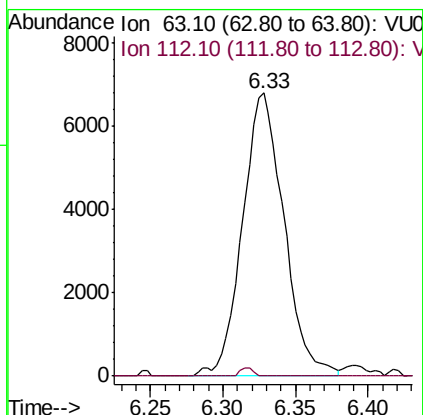
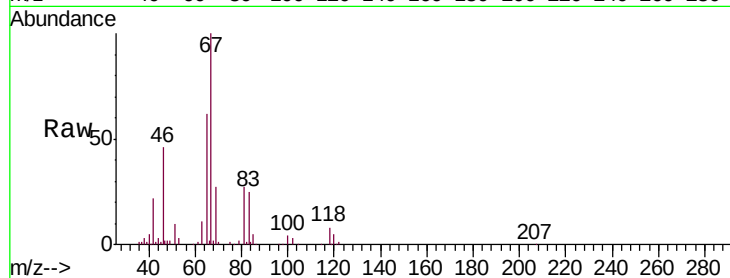




#37
 1,2-Dichloropropane
 Concen: 1.170 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU032279.D
 Acq: 23 May 2019 19:28

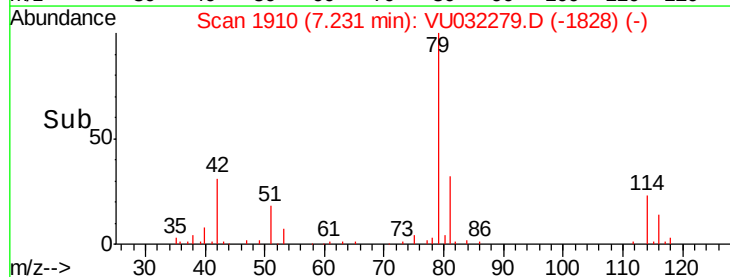
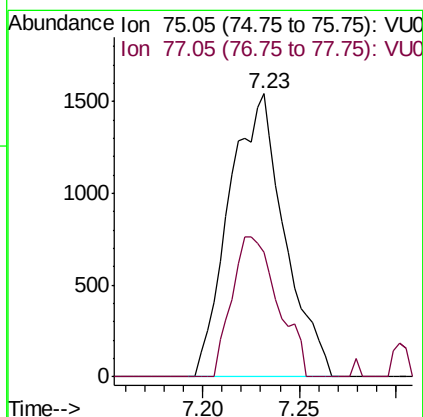
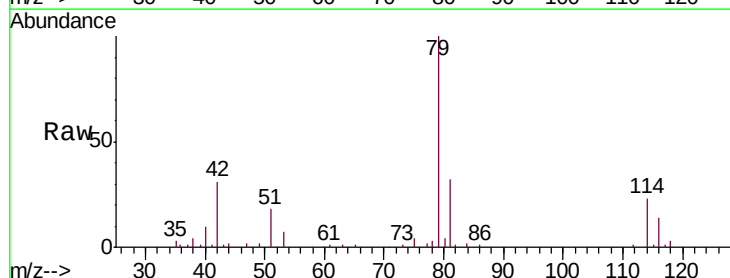
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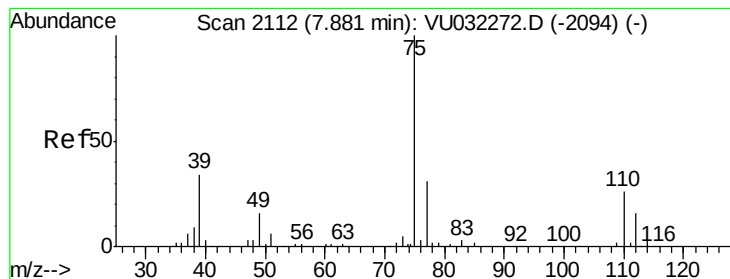
Tgt Ion: 63 Resp: 13525
 Ion Ratio Lower Upper
 63 100
 112 0.9 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.187 ug/L
 RT: 7.23 min Scan# 1910
 Delta R.T. -0.04 min
 Lab File: VU032279.D
 Acq: 23 May 2019 19:28

Tgt Ion: 75 Resp: 3083
 Ion Ratio Lower Upper
 75 100
 77 44.1 22.6 42.0#





#44

trans-1,3-Dichloropropene

Concen: 0.135 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.03 min

Lab File: VU032279.D

Acq: 23 May 2019 19:28

Instrument :

MSVOA_U

ClientSampleId :

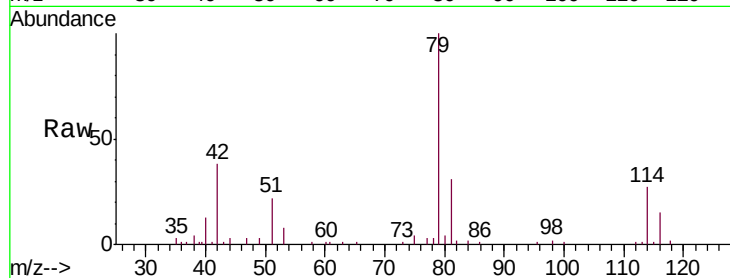
C0BN7DL

Tgt Ion: 75 Resp: 1741

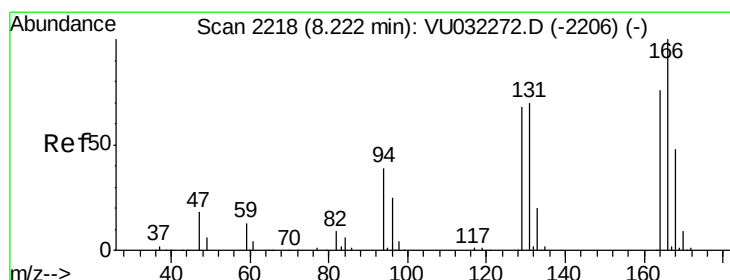
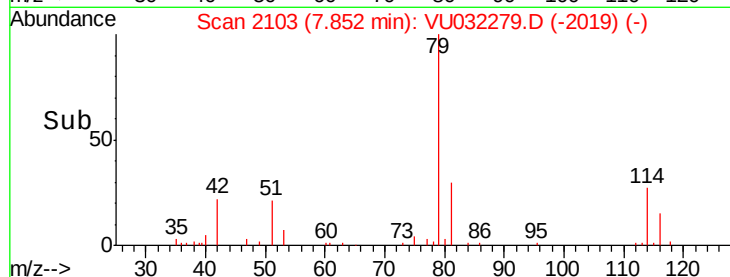
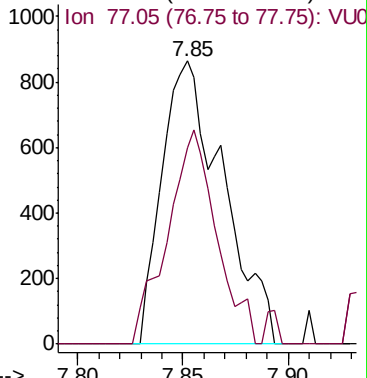
Ion Ratio Lower Upper

75 100

77 69.6 22.5 41.9#



Abundance Ion 75.05 (74.75 to 75.75): VU032279.D (-2019) (-)



#47

Tetrachloroethene

Concen: 9.521 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU032279.D

Acq: 23 May 2019 19:28

Tgt Ion: 164 Resp: 101277

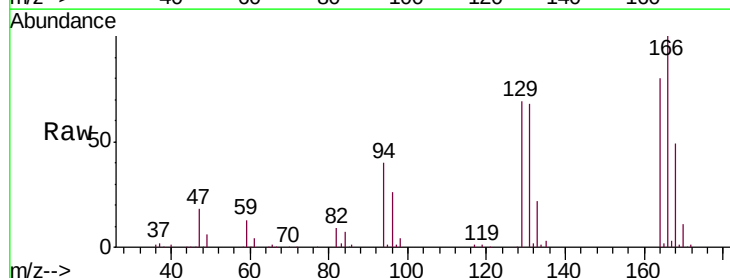
Ion Ratio Lower Upper

164 100

129 85.6 67.1 124.7

131 84.8 62.2 115.4

166 124.6 90.9 168.9

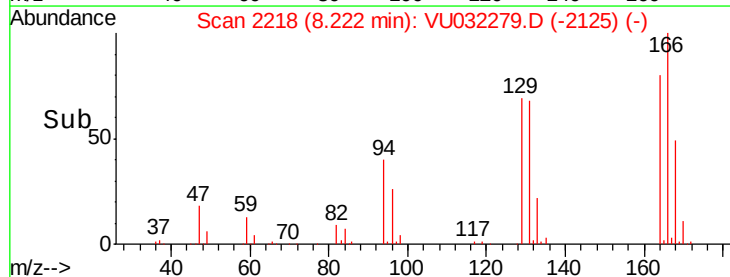
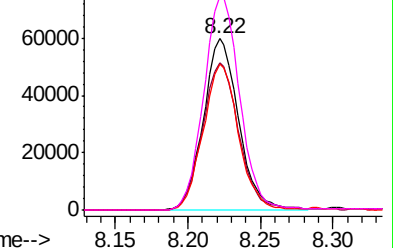


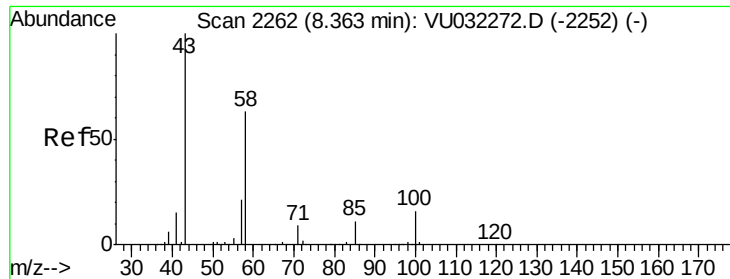
Abundance Ion 163.90 (163.60 to 164.60): VU032279.D (-2125) (-)

Ion 128.95 (128.65 to 129.65): VU032279.D (-2125) (-)

Ion 130.95 (130.65 to 131.65): VU032279.D (-2125) (-)

Ion 165.90 (165.60 to 166.60): VU032279.D (-2125) (-)

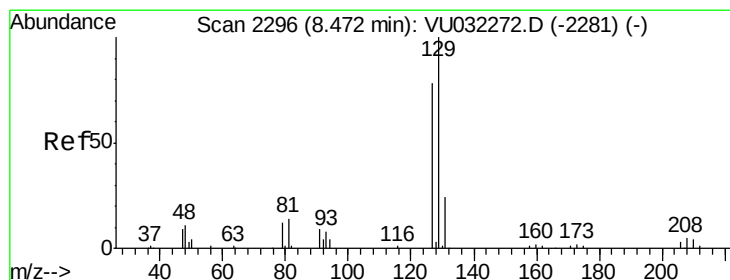
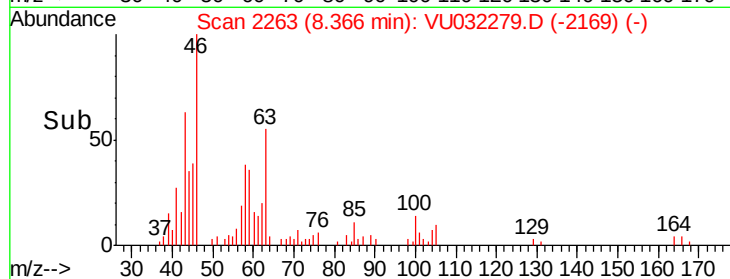
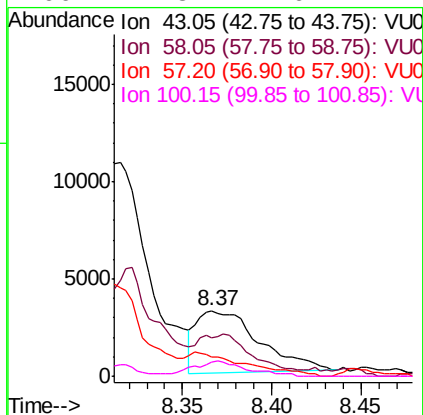
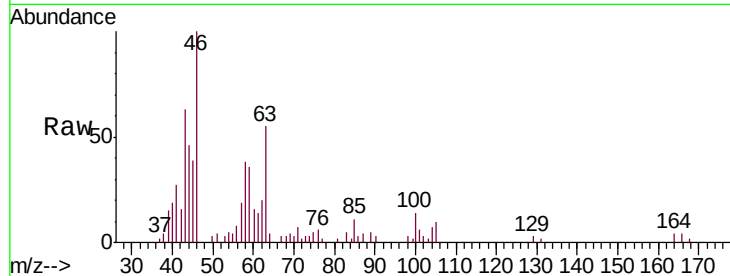




#48
2-Hexanone
Concen: 1.749 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VU032279.D
Acq: 23 May 2019 19:28

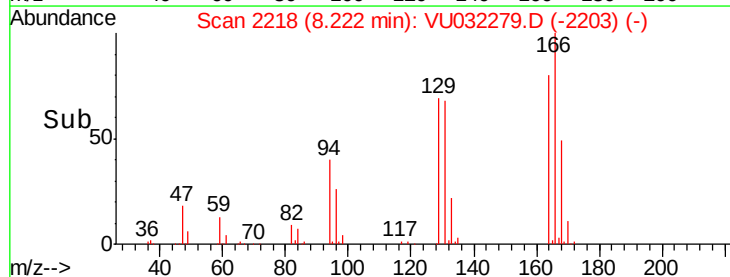
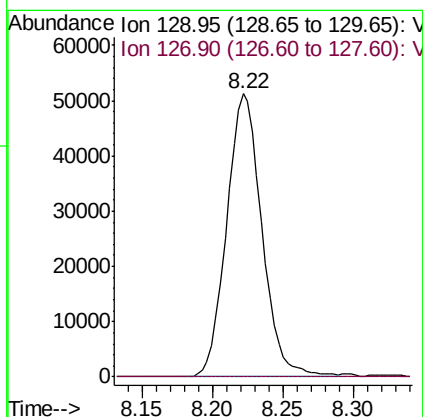
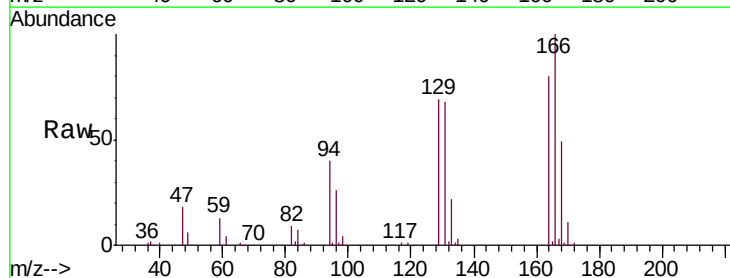
Instrument :
MSVOA_U
ClientSampleId :
C0BN7DL

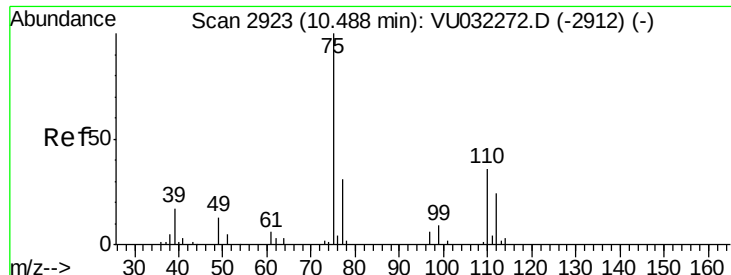
Tgt Ion: 43 Resp: 7840
Ion Ratio Lower Upper
43 100
58 49.3 49.7 74.5#
57 35.0 17.1 25.7#
100 21.3 11.6 17.4#



#49
Dibromochloromethane
Concen: 8.814 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU032279.D
Acq: 23 May 2019 19:28

Tgt Ion: 129 Resp: 89559
Ion Ratio Lower Upper
129 100
127 0.0 51.7 95.9#





#59
 1,2,3-Trichloropropane
 Concen: 1.883 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032279.D
 Acq: 23 May 2019 19:28

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BN7DL

Tgt Ion: 75 Resp: 14174
 Ion Ratio Lower Upper
 75 100
 77 38.6 28.2 42.4

