

Data File : VU032277.D
Acq On : 23 May 2019 18:39
Operator : JC/SP
Sample : K2888-11DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BP3DL

Quant Time: May 24 02:59:26 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	362296	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	367861	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	143494	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	115155	5.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.20%
7) Chloroethane-d5	1.68	69	97922	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.20%
11) 1,1-Dichloroethene-d2	2.27	63	168573	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.00%
20) 2-Butanone-d5	4.21	46	255034	44.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.88%
24) Chloroform-d	4.64	84	223011	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	5.31	65	113288	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
32) Benzene-d6	5.33	84	457898	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.33	67	132474	3.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.20%
41) Toluene-d8	7.56	98	381112	3.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.20%
43) trans-1,3-Dichloropropene-	7.85	79	43220	3.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.40%
46) 2-Hexanone-d5	8.31	63	212463	43.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.64%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	109212	3.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	64.80%#
64) 1,2-Dichlorobenzene-d4	11.86	152	142041	3.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	71.80%#

Target Compounds

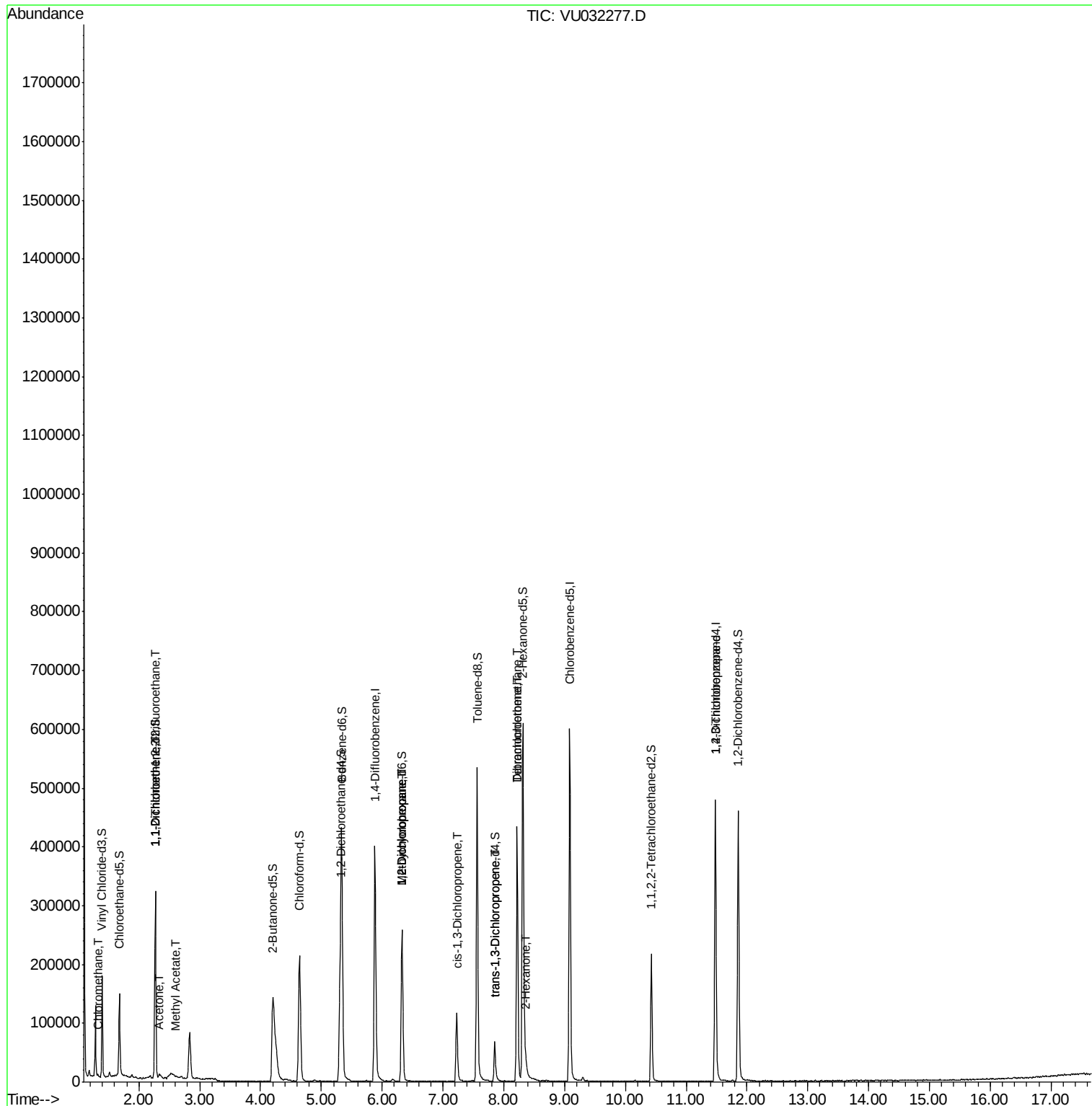
					Qvalue
3) Chloromethane	1.32	50	2556	0.165 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1900	0.148 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	1787	0.139 ug/L #	1
13) Acetone	2.34	43	2344	1.318 ug/L	98
15) Methyl Acetate	2.62	43	997	0.191 ug/L #	41
35) Methylcyclohexane	6.32	83	32747	1.665 ug/L #	20
37) 1,2-Dichloropropane	6.33	63	14045	1.172 ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	2822	0.165 ug/L #	72
44) trans-1,3-Dichloropropene	7.85	75	1931	0.144 ug/L	92
47) Tetrachloroethene	8.22	164	103607	9.398 ug/L	97
48) 2-Hexanone	8.37	43	8279	1.782 ug/L #	92
49) Dibromochloromethane	8.22	129	97325	9.242 ug/L #	13
59) 1,2,3-Trichloropropane	11.48	75	14956	1.917 ug/L	93

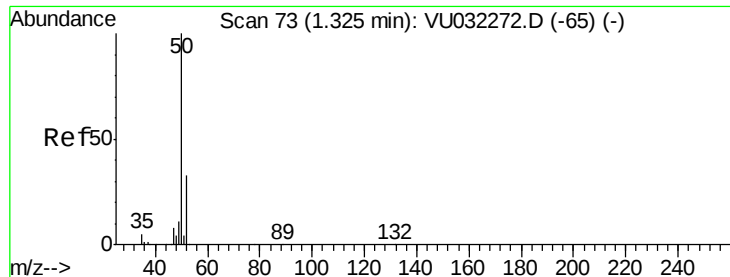
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.165 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU032277.D

Acq: 23 May 2019 18:39

Instrument :

MSVOA_U

ClientSampleId :

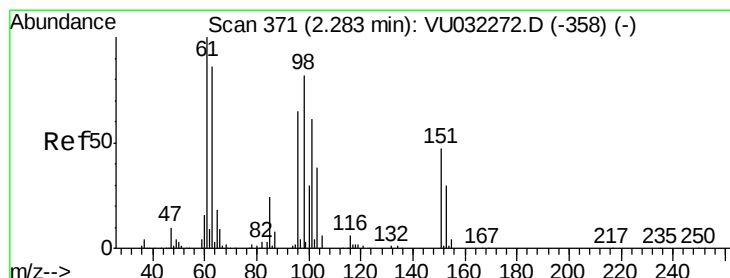
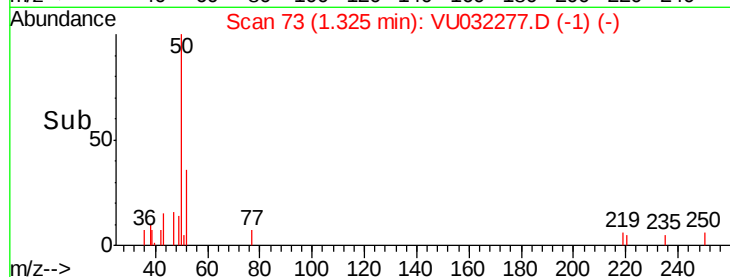
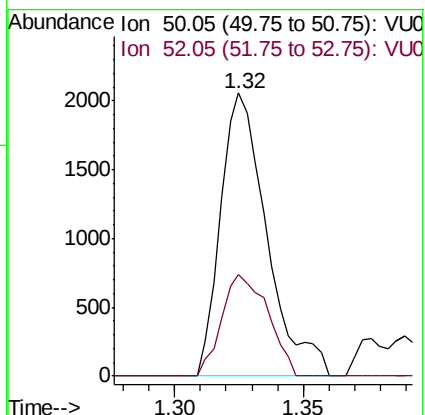
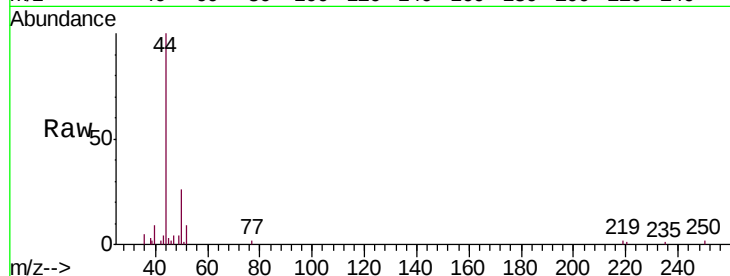
C0BP3DL

Tgt Ion: 50 Resp: 2556

Ion Ratio Lower Upper

50 100

52 35.8 23.3 43.3



#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: VU032277.D

Acq: 23 May 2019 18:39

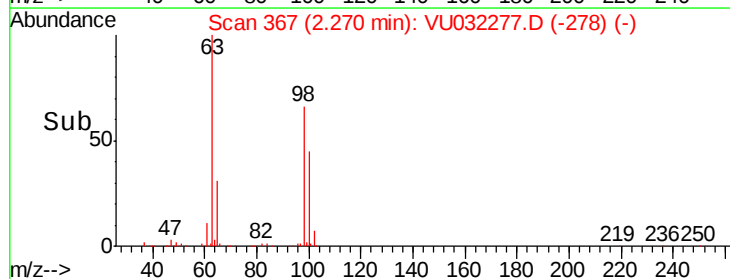
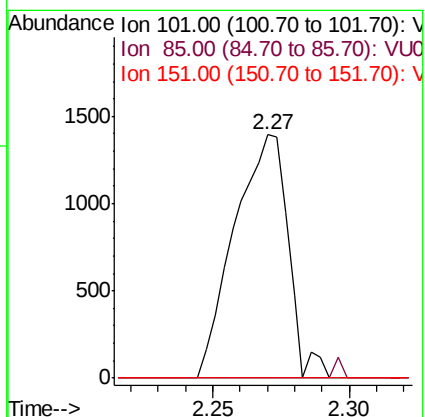
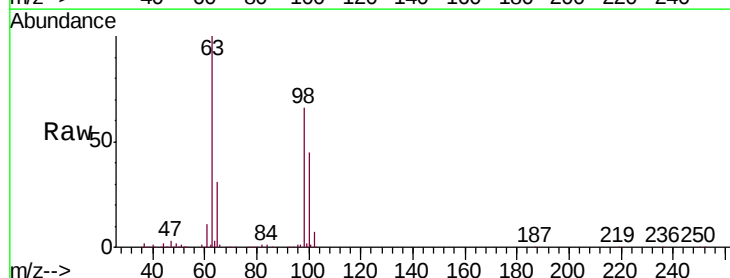
Tgt Ion: 101 Resp: 1900

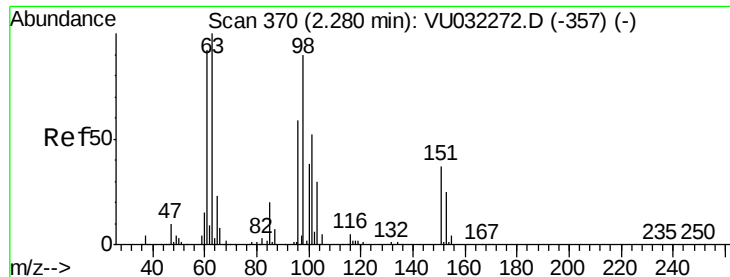
Ion Ratio Lower Upper

101 100

85 1.3 34.2 51.4#

151 0.0 64.4 96.6#





#12

1,1-Dichloroethene

Concen: 0.139 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032277.D

Acq: 23 May 2019 18:39

Instrument :

MSVOA_U

ClientSampleId :

C0BP3DL

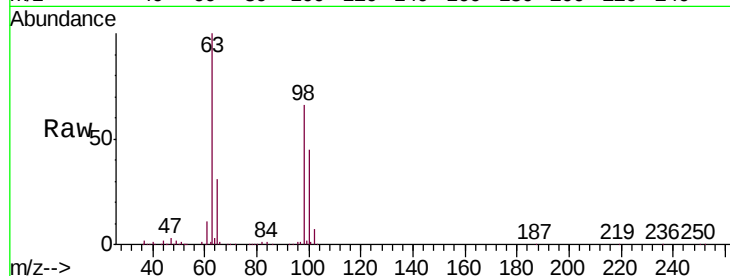
Tgt Ion: 96 Resp: 1787

Ion Ratio Lower Upper

96 100

61 1103.4 113.8 211.3#

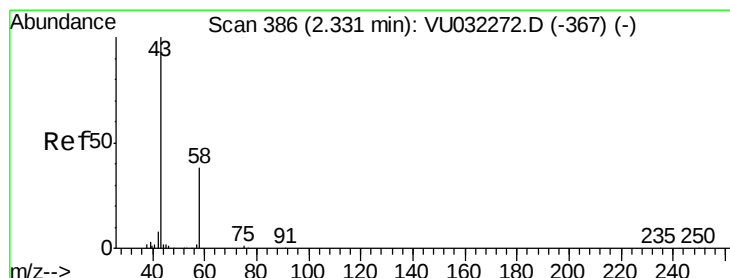
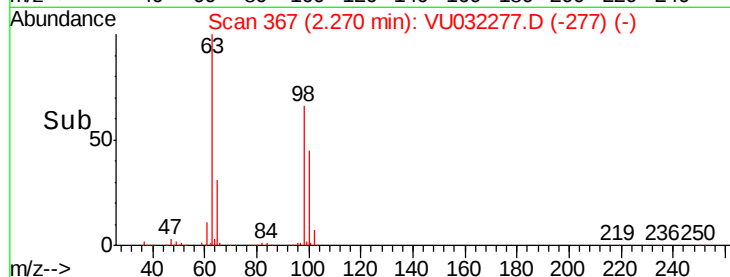
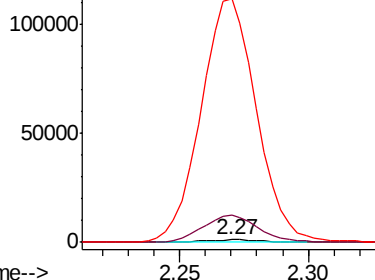
63 9762.8 108.8 202.2#



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: 1.318 ug/L

RT: 2.34 min Scan# 388

Delta R.T. 0.01 min

Lab File: VU032277.D

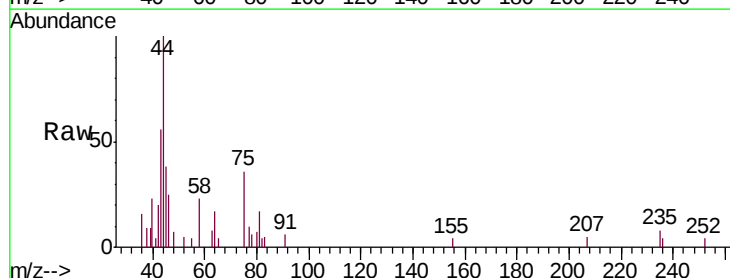
Acq: 23 May 2019 18:39

Tgt Ion: 43 Resp: 2344

Ion Ratio Lower Upper

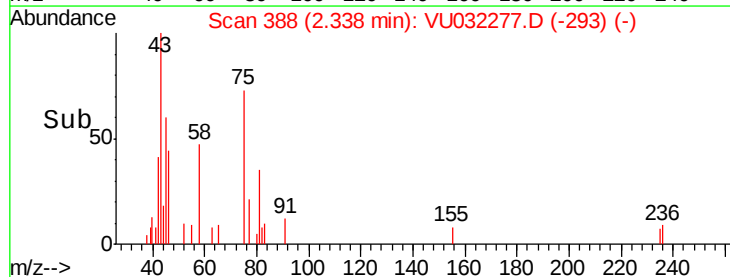
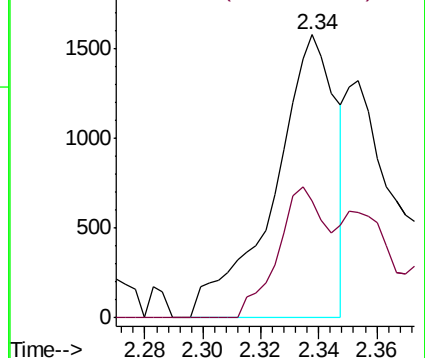
43 100

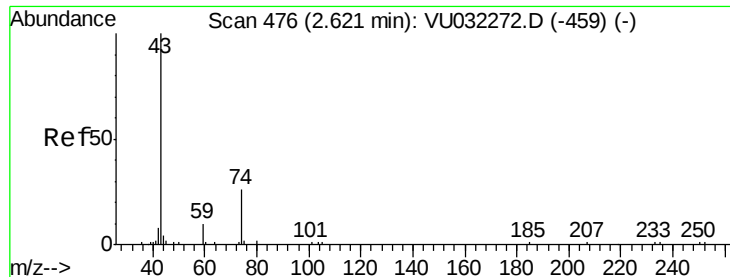
58 35.3 0.0 72.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

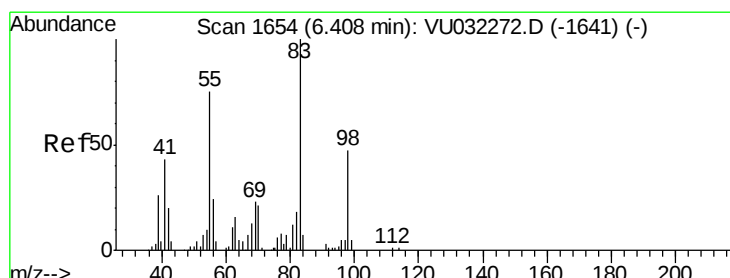
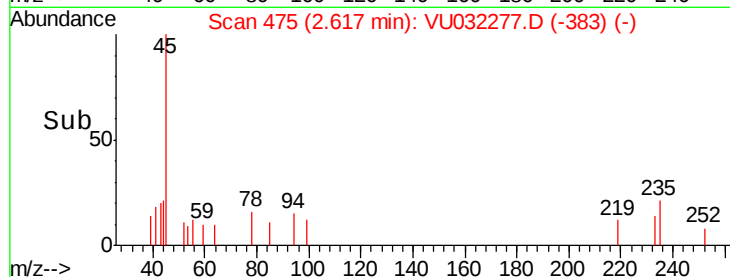
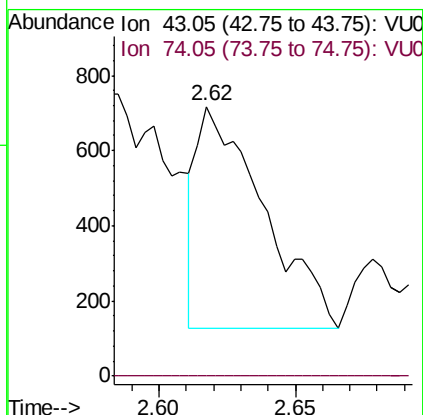
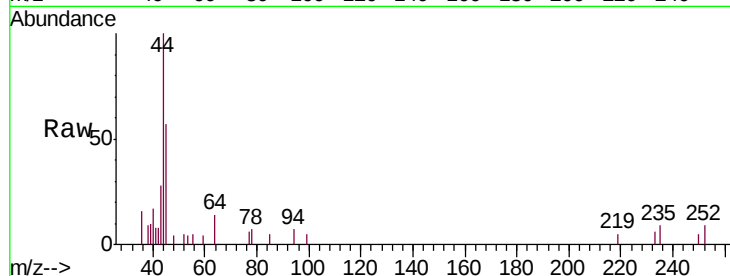




#15
Methyl Acetate
Concen: 0.191 ug/L
RT: 2.62 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU032277.D
Acq: 23 May 2019 18:39

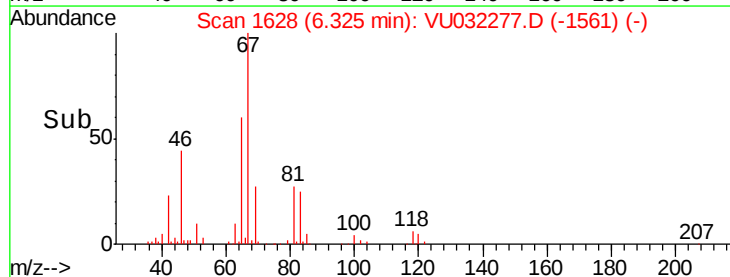
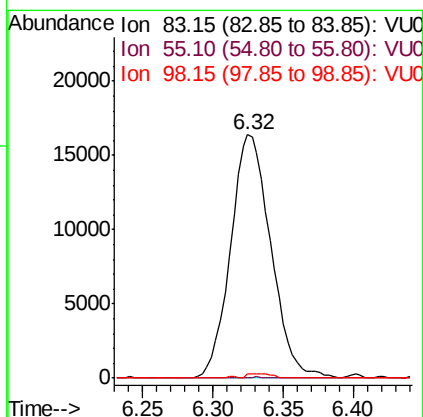
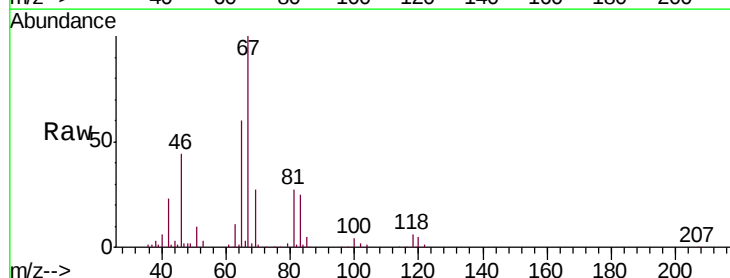
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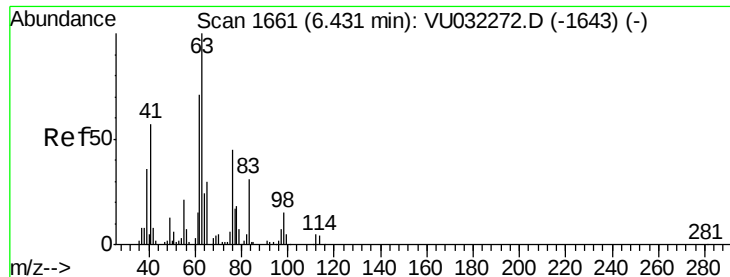
Tgt Ion: 43 Resp: 997
Ion Ratio Lower Upper
43 100
74 0.0 27.3 40.9#



#35
Methylcyclohexane
Concen: 1.665 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032277.D
Acq: 23 May 2019 18:39

Tgt Ion: 83 Resp: 32747
Ion Ratio Lower Upper
83 100
55 0.1 59.7 89.5#
98 1.1 37.5 56.3#

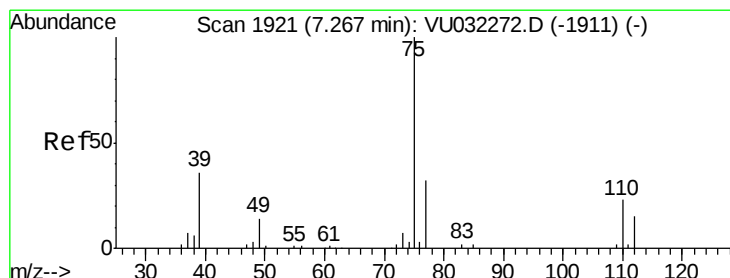
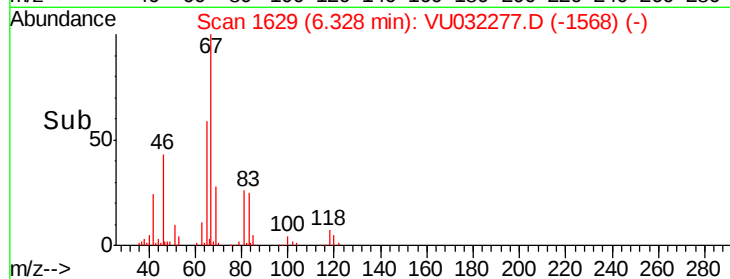
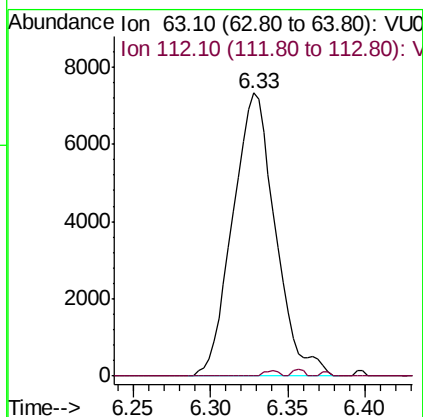
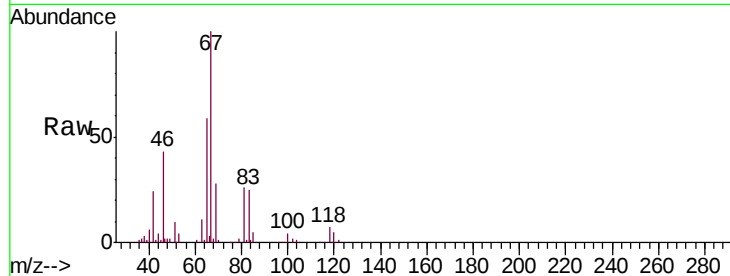




#37
 1,2-Dichloropropane
 Concen: 1.172 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU032277.D
 Acq: 23 May 2019 18:39

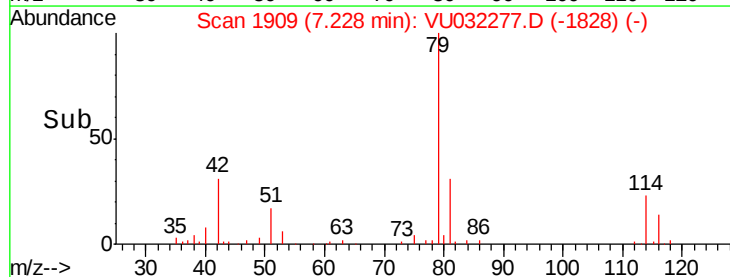
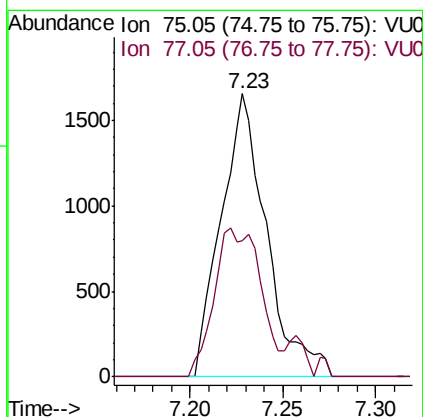
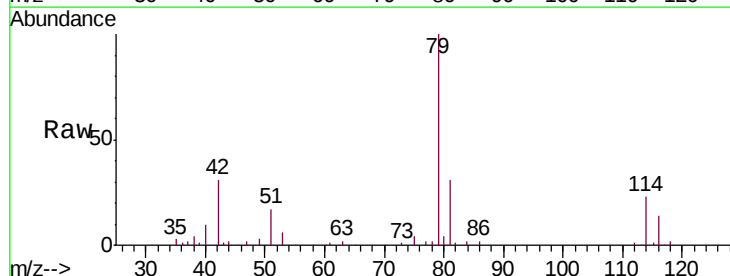
Instrument :
 MSVOA_U
 ClientSampleId :
 C0BP3DL

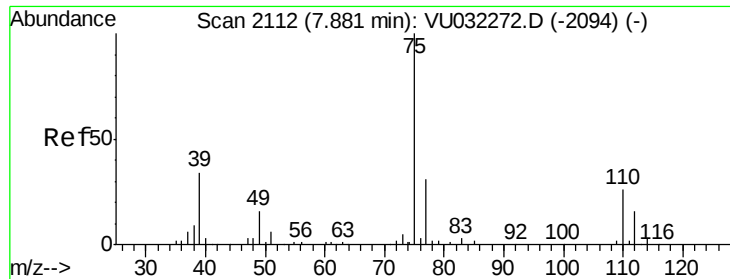
Tgt Ion: 63 Resp: 14045
 Ion Ratio Lower Upper
 63 100
 112 0.6 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.165 ug/L
 RT: 7.23 min Scan# 1909
 Delta R.T. -0.04 min
 Lab File: VU032277.D
 Acq: 23 May 2019 18:39

Tgt Ion: 75 Resp: 2822
 Ion Ratio Lower Upper
 75 100
 77 47.9 22.6 42.0#





#44

trans-1,3-Dichloropropene

Concen: 0.144 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.03 min

Lab File: VU032277.D

Acq: 23 May 2019 18:39

Instrument :

MSVOA_U

ClientSampleId :

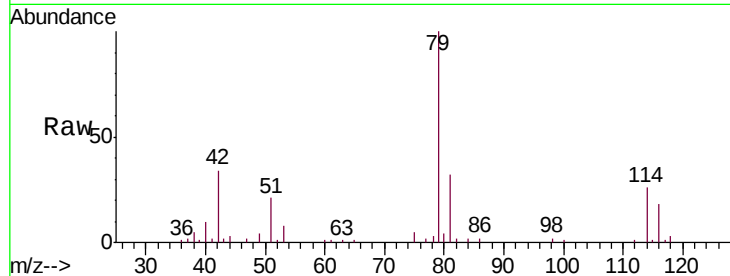
C0BP3DL

Tgt Ion: 75 Resp: 1931

Ion Ratio Lower Upper

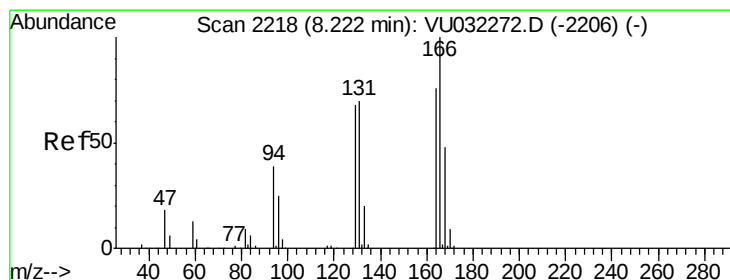
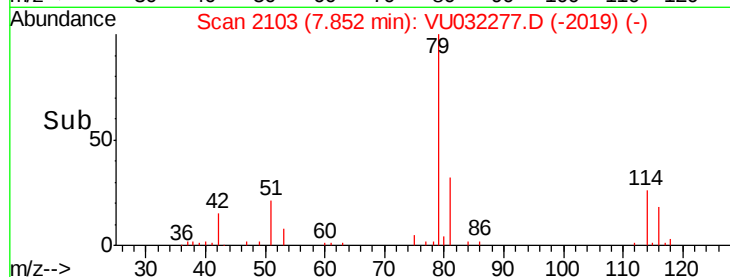
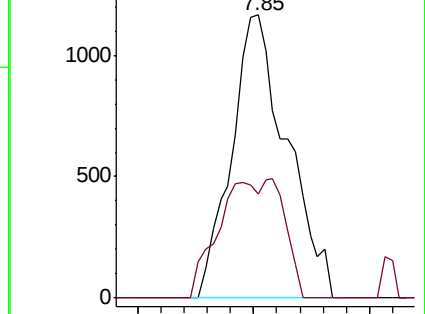
75 100

77 36.8 22.5 41.9



Abundance Ion 75.05 (74.75 to 75.75): VU032277.D (-2103) (-)

Ion 77.05 (76.75 to 77.75): VU032277.D (-2103) (-)



#47

Tetrachloroethene

Concen: 9.398 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU032277.D

Acq: 23 May 2019 18:39

Tgt Ion: 164 Resp: 103607

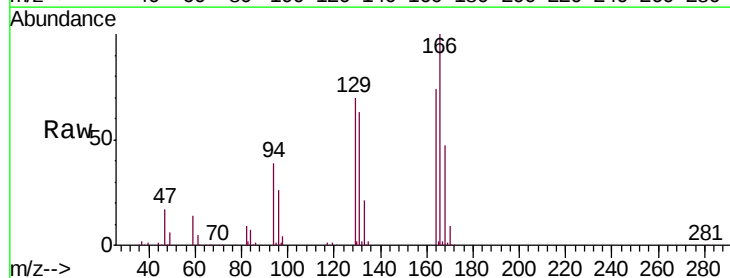
Ion Ratio Lower Upper

164 100

129 94.4 67.1 124.7

131 84.7 62.2 115.4

166 134.5 90.9 168.9

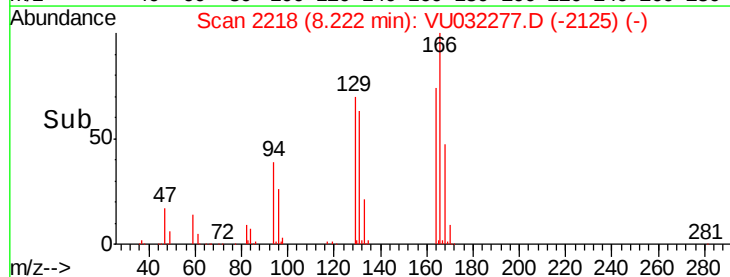
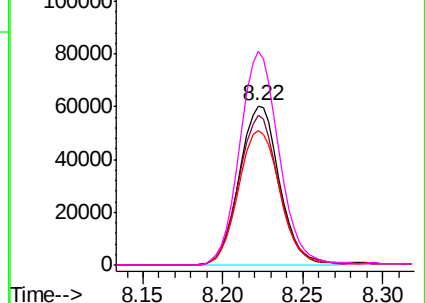


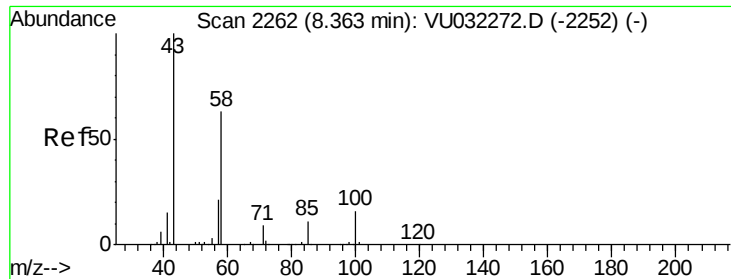
Abundance Ion 163.90 (163.60 to 164.60): VU032277.D (-2218) (-)

Ion 128.95 (128.65 to 129.65): VU032277.D (-2218) (-)

Ion 130.95 (130.65 to 131.65): VU032277.D (-2218) (-)

Ion 165.90 (165.60 to 166.60): VU032277.D (-2218) (-)

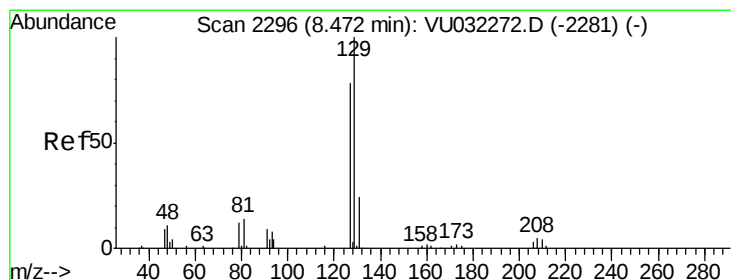
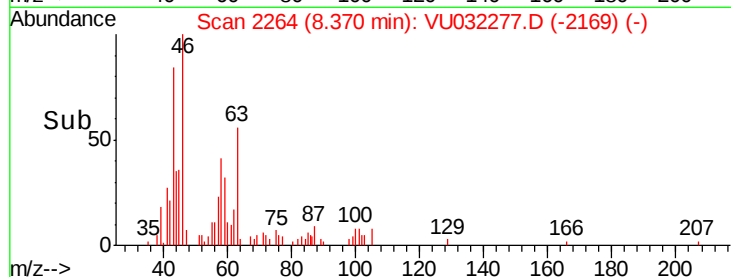
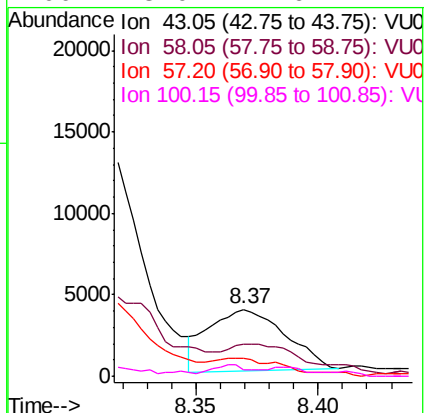
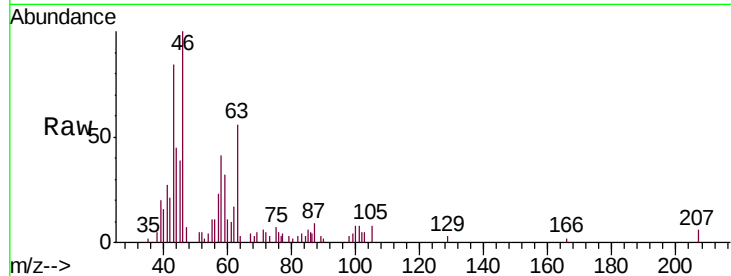




#48
2-Hexanone
Concen: 1.782 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU032277.D
Acq: 23 May 2019 18:39

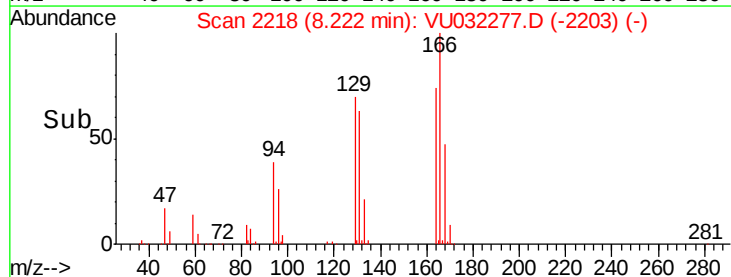
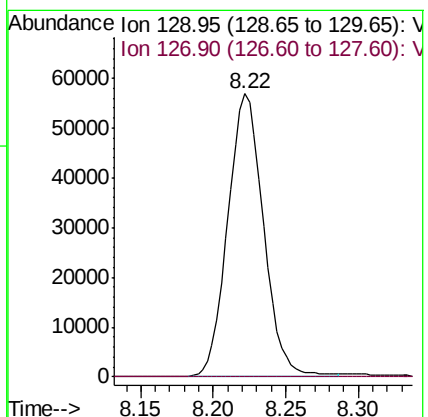
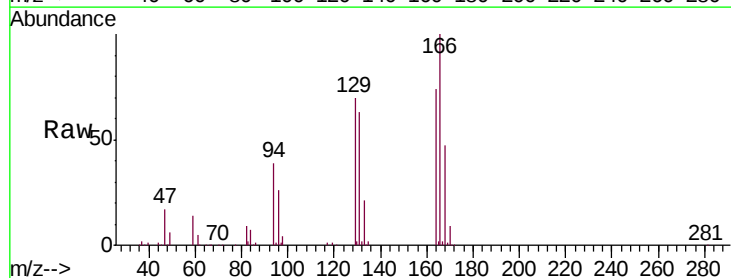
Instrument :
MSVOA_U
ClientSampleId :
C0BP3DL

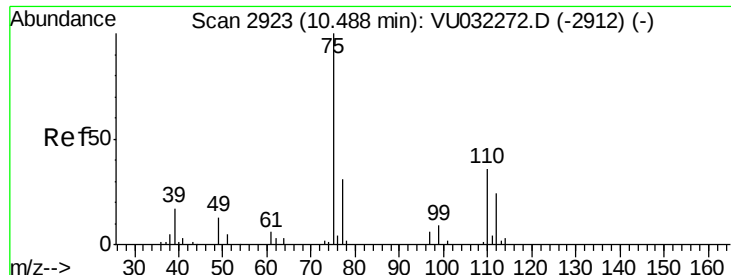
Tgt Ion: 43 Resp: 8279
Ion Ratio Lower Upper
43 100
58 58.6 49.7 74.5
57 27.8 17.1 25.7#
100 8.0 11.6 17.4#



#49
Dibromochloromethane
Concen: 9.242 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU032277.D
Acq: 23 May 2019 18:39

Tgt Ion: 129 Resp: 97325
Ion Ratio Lower Upper
129 100
127 0.0 51.7 95.9#





#59

1,2,3-Trichloropropane

Concen: 1.917 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032277.D

Acq: 23 May 2019 18:39

Instrument :

MSVOA_U

ClientSampleId :

C0BP3DL

Tgt Ion: 75 Resp: 14956

Ion Ratio Lower Upper

75 100

77 31.4 28.2 42.4

