

Data File : VU032280.D
Acq On : 23 May 2019 19:53
Operator : JC/SP
Sample : K2888-14DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BP6DL

Quant Time: May 24 03:00:02 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	351741	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	376176	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	145560	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	111994	5.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.40%
7) Chloroethane-d5	1.68	69	94296	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.27	63	166912	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.80%
20) 2-Butanone-d5	4.20	46	244052	43.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.60%
24) Chloroform-d	4.64	84	221436	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.31	65	106516	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
32) Benzene-d6	5.33	84	450066	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
36) 1,2-Dichloropropane-d6	6.33	67	130936	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.60%
41) Toluene-d8	7.56	98	378287	3.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.00%
43) trans-1,3-Dichloropropene-	7.85	79	44019	3.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.00%
46) 2-Hexanone-d5	8.31	63	203344	40.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.08%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	107029	3.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	62.20%#
64) 1,2-Dichlorobenzene-d4	11.86	152	139809	3.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	69.80%#

Target Compounds

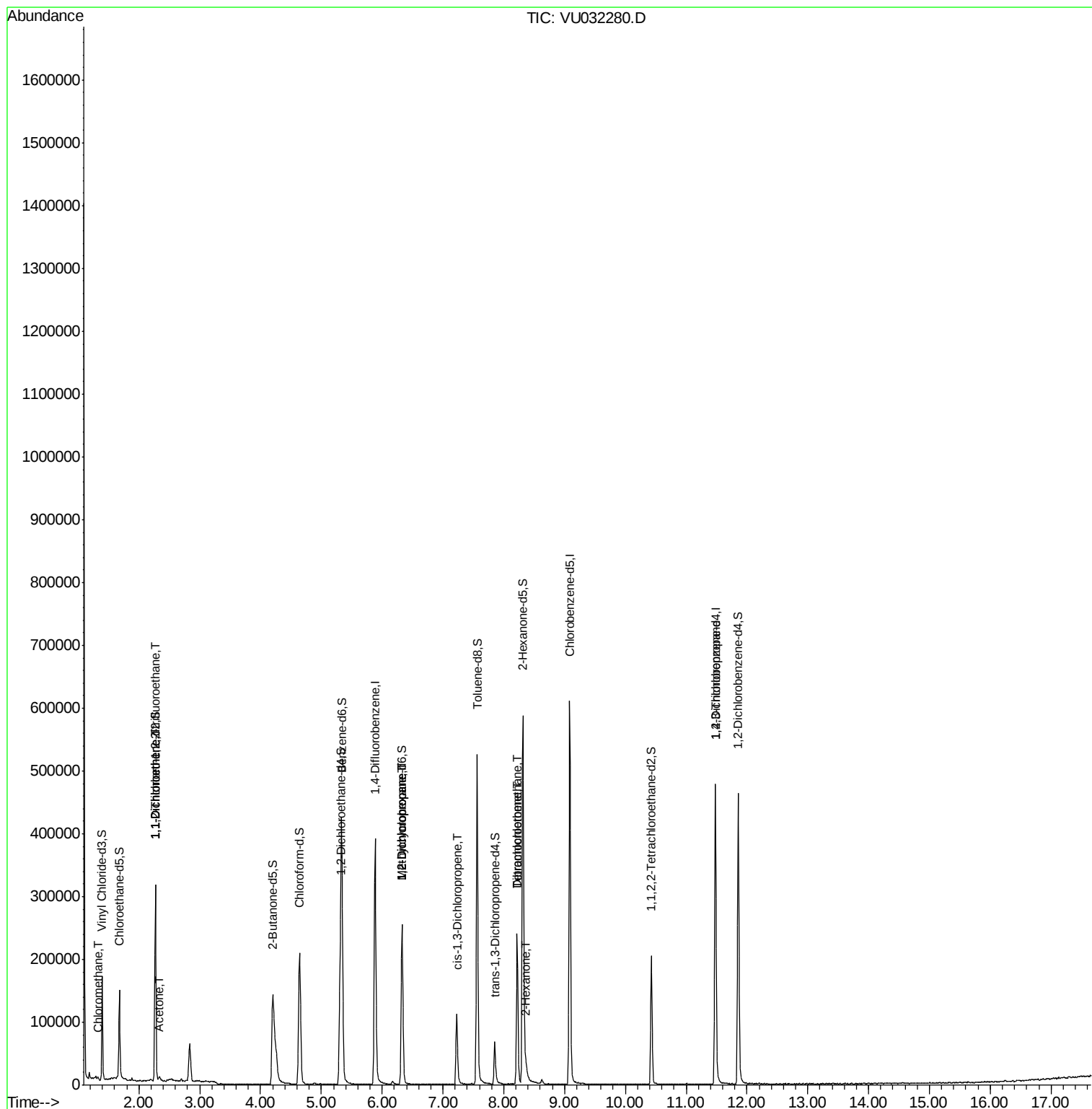
						Qvalue
3) Chloromethane	1.32	50	2260	0.150	ug/L	83
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1769	0.142	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1596	0.128	ug/L #	1
13) Acetone	2.34	43	2610	1.512	ug/L	74
35) Methylcyclohexane	6.33	83	30797	1.531	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	13379	1.092	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2665	0.153	ug/L #	57
47) Tetrachloroethene	8.22	164	59185	5.250	ug/L	95
48) 2-Hexanone	8.37	43	9065	1.908	ug/L #	76
49) Dibromochloromethane	8.22	129	55395	5.144	ug/L #	13
59) 1,2,3-Trichloropropane	11.48	75	14569	1.826	ug/L	96

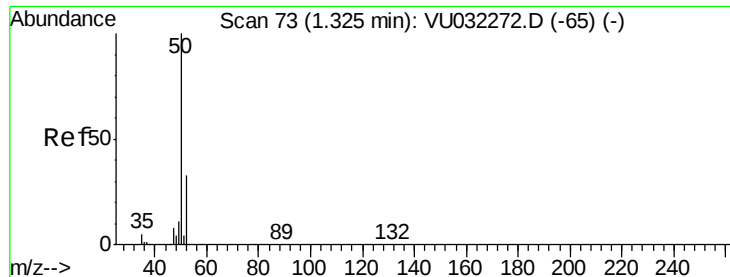
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.150 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU032280.D

Acq: 23 May 2019 19:53

Instrument :

MSVOA_U

ClientSampleId :

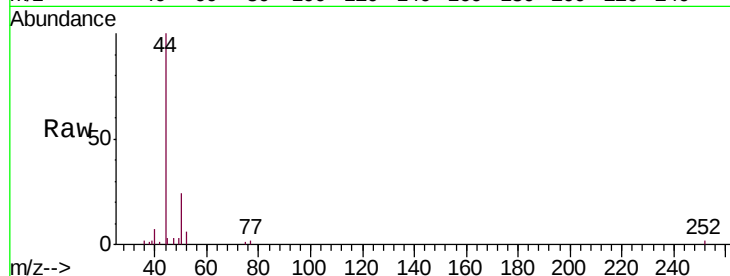
C0BP6DL

Tgt Ion: 50 Resp: 2260

Ion Ratio Lower Upper

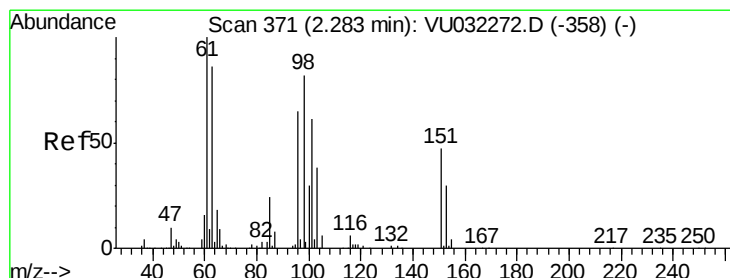
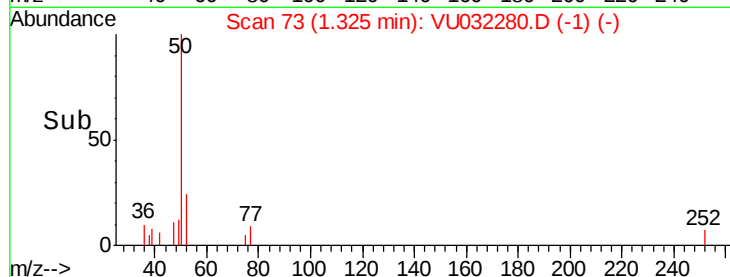
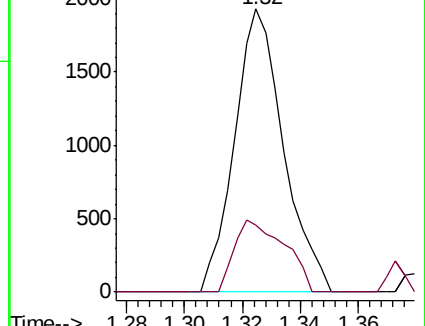
50 100

52 23.6 23.3 43.3



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

Ion 52.05 (51.75 to 52.75): VU032272.D (-65) (-)



#10

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

Concen: 0.142 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032280.D

Acq: 23 May 2019 19:53

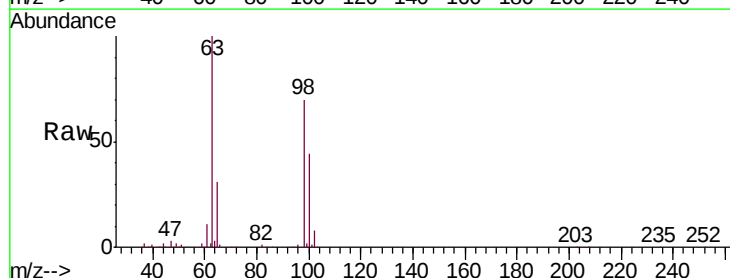
Tgt Ion: 101 Resp: 1769

Ion Ratio Lower Upper

101 100

85 0.0 34.2 51.4#

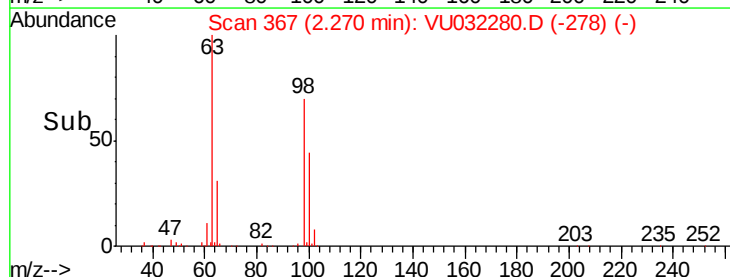
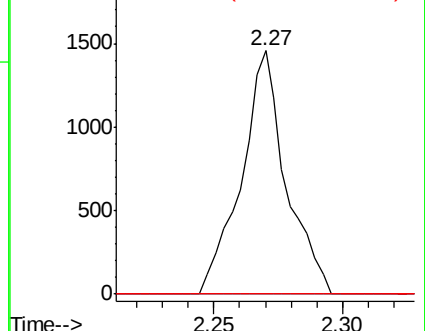
151 0.0 64.4 96.6#

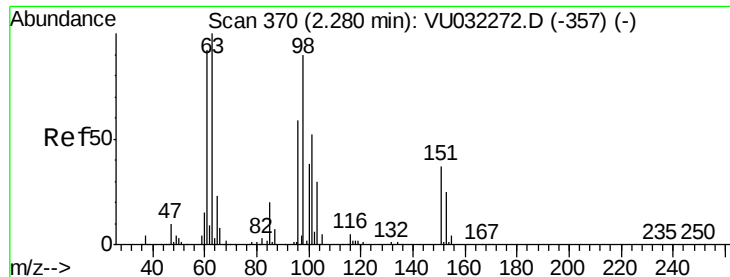


Abundance Ion 101.00 (100.70 to 101.70): VU032272.D (-358) (-)

Ion 85.00 (84.70 to 85.70): VU032272.D (-358) (-)

Ion 151.00 (150.70 to 151.70): VU032272.D (-358) (-)





#12

1,1-Dichloroethene

Concen: 0.128 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032280.D

Acq: 23 May 2019 19:53

Instrument :

MSVOA_U

ClientSampleId :

C0BP6DL

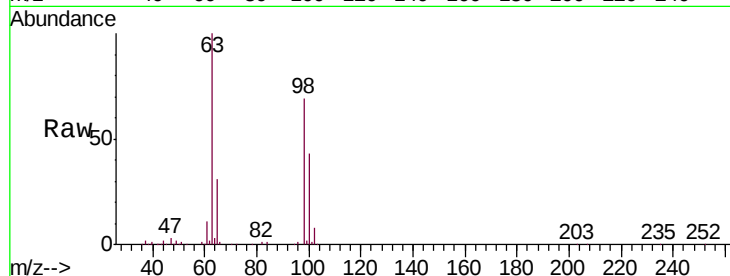
Tgt Ion: 96 Resp: 1596

Ion Ratio Lower Upper

96 100

61 1040.4 113.8 211.3#

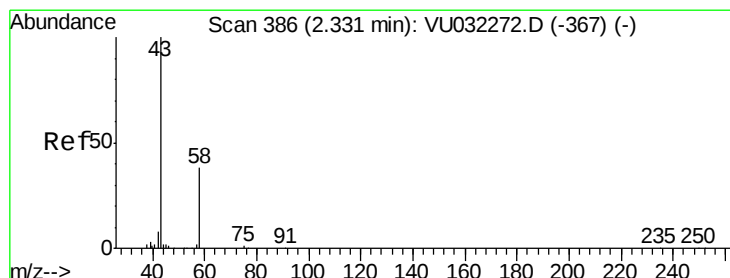
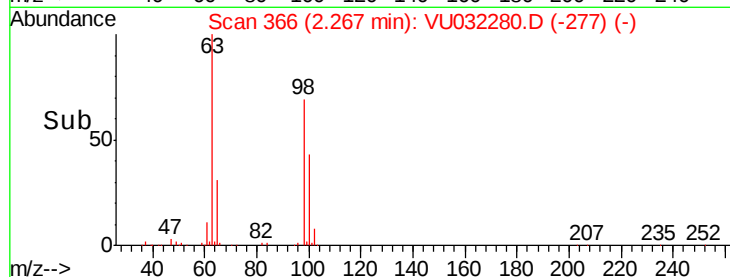
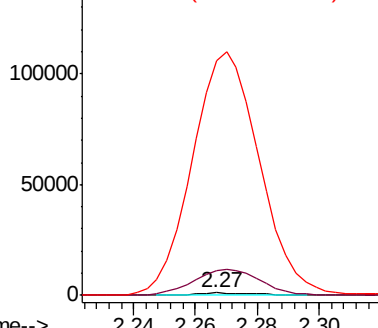
63 9709.4 108.8 202.2#



Abundance Ion 96.00 (95.70 to 96.70): VU032280.D (-277) (-)

Ion 61.05 (60.75 to 61.75): VU032280.D (-277) (-)

Ion 63.00 (62.70 to 63.70): VU032280.D (-277) (-)



#13

Acetone

Concen: 1.512 ug/L

RT: 2.34 min Scan# 388

Delta R.T. 0.01 min

Lab File: VU032280.D

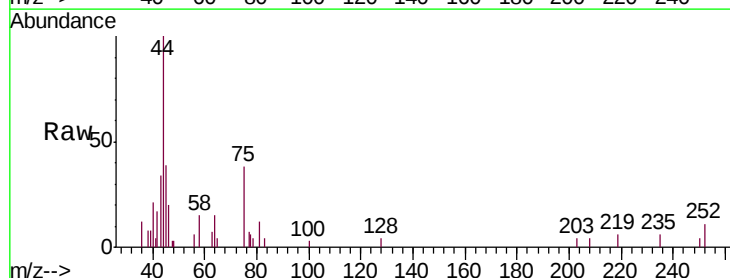
Acq: 23 May 2019 19:53

Tgt Ion: 43 Resp: 2610

Ion Ratio Lower Upper

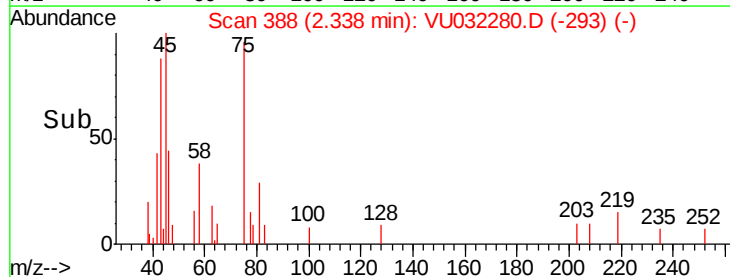
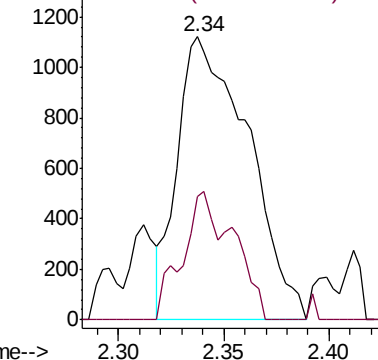
43 100

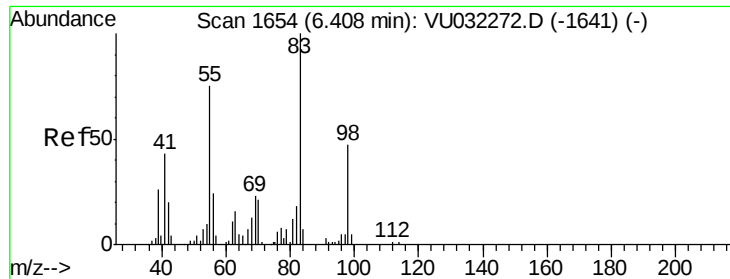
58 21.1 0.0 72.6



Abundance Ion 43.05 (42.75 to 43.75): VU032280.D (-293) (-)

Ion 58.05 (57.75 to 58.75): VU032280.D (-293) (-)





#35

Methylcyclohexane

Concen: 1.531 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU032280.D

Acq: 23 May 2019 19:53

Instrument :

MSVOA_U

ClientSampleId :

C0BP6DL

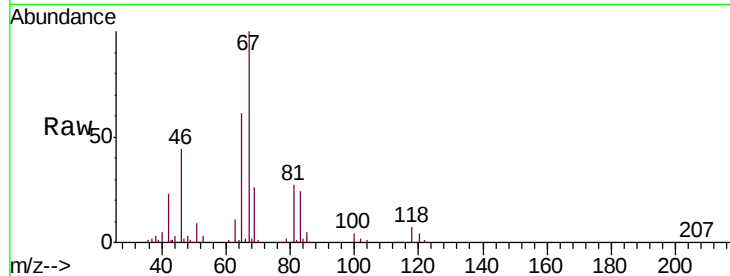
Tgt Ion: 83 Resp: 30797

Ion Ratio Lower Upper

83 100

55 0.0 59.7 89.5#

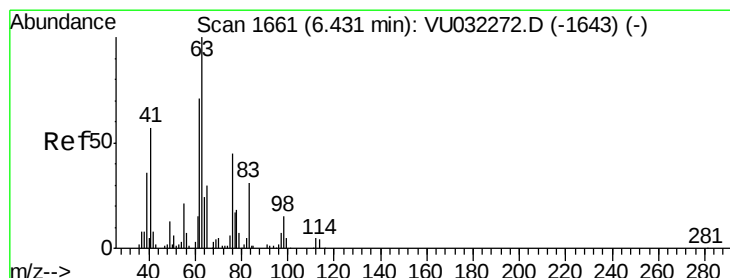
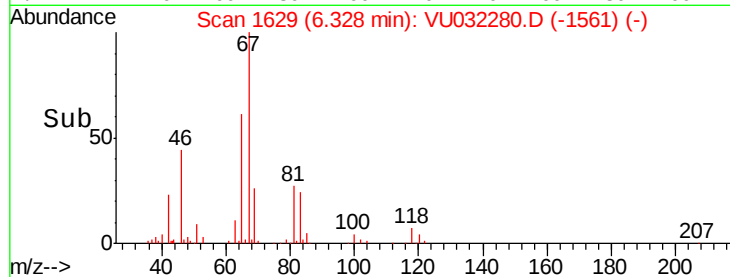
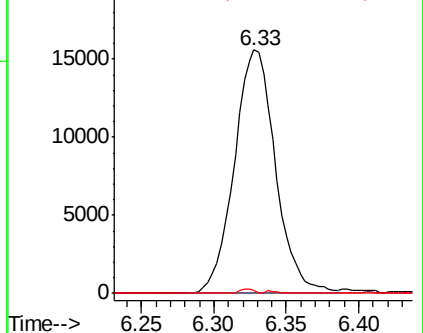
98 0.6 37.5 56.3#



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: 1.092 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.11 min

Lab File: VU032280.D

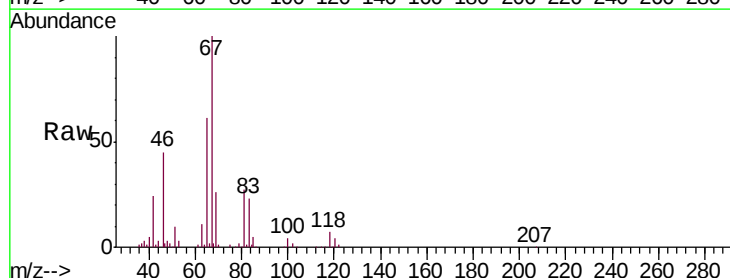
Acq: 23 May 2019 19:53

Tgt Ion: 63 Resp: 13379

Ion Ratio Lower Upper

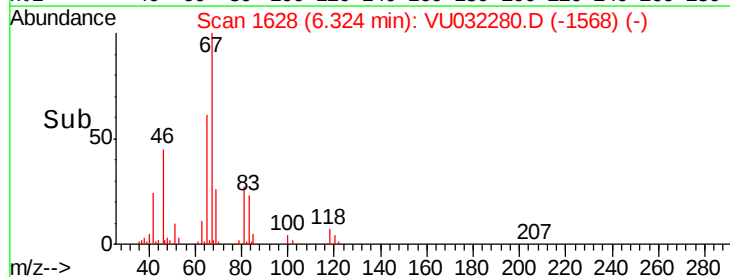
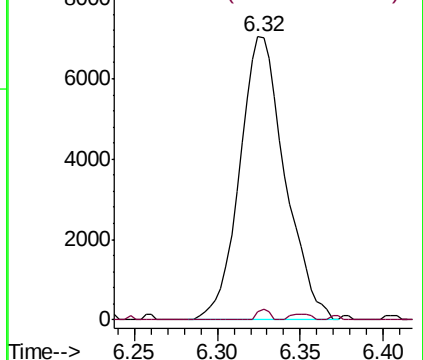
63 100

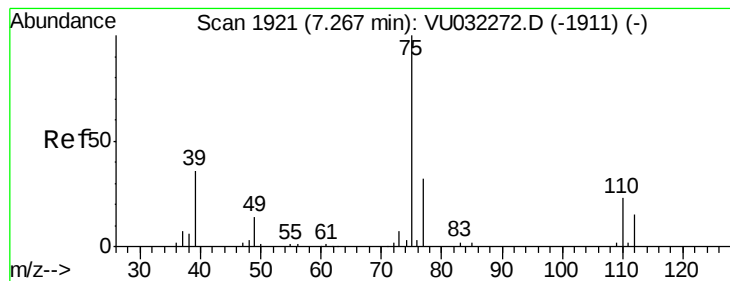
112 1.0 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V



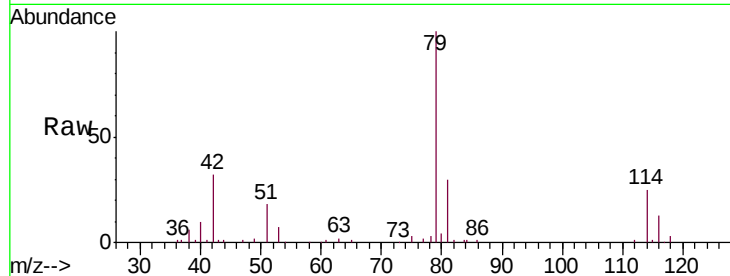


#39

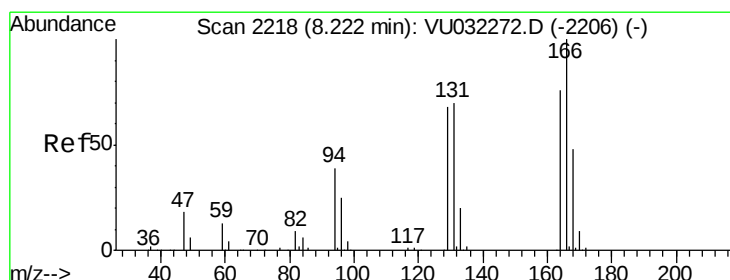
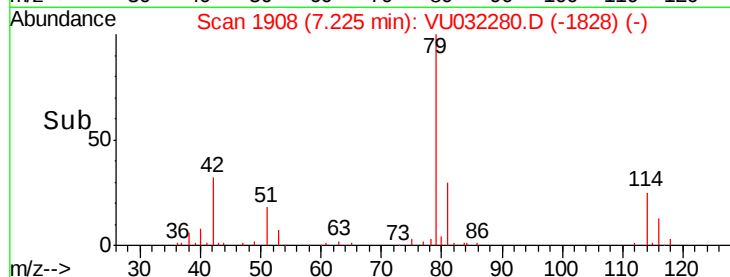
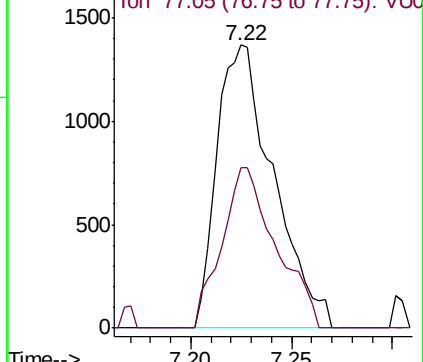
cis-1,3-Dichloropropene
Concen: 0.153 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU032280.D
Acq: 23 May 2019 19:53

Instrument :
MSVOA_U
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C0BP6DL

Tgt Ion: 75 Resp: 2665
Ion Ratio Lower Upper
75 100
77 56.6 22.6 42.0#



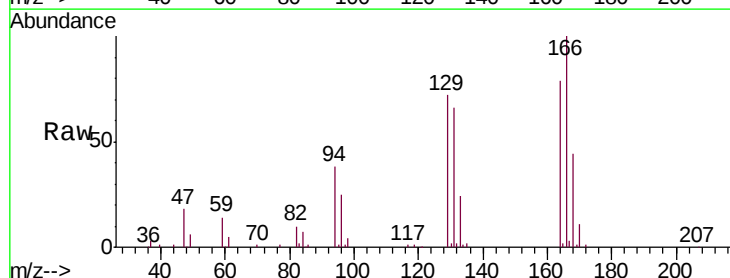
Abundance Ion 75.05 (74.75 to 75.75): VU032280.D (-1908) (-)
Ion 77.05 (76.75 to 77.75): VU032280.D (-1908) (-)



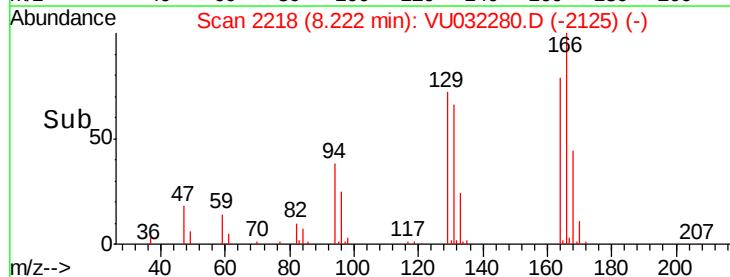
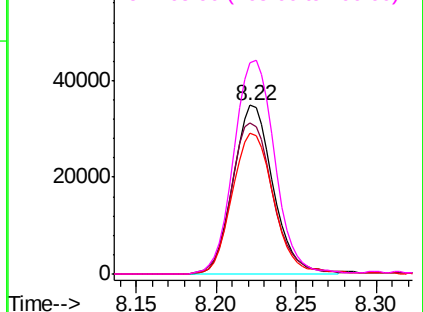
#47

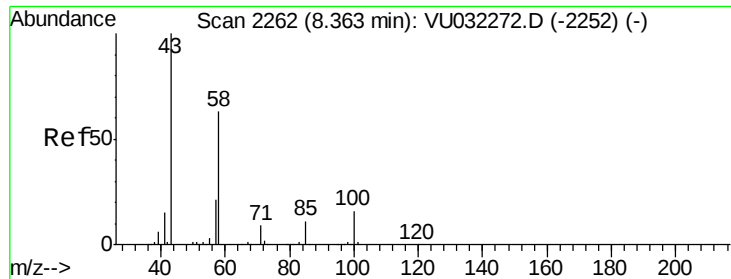
Tetrachloroethene
Concen: 5.250 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU032280.D
Acq: 23 May 2019 19:53

Tgt Ion: 164 Resp: 59185
Ion Ratio Lower Upper
164 100
129 90.0 67.1 124.7
131 83.6 62.2 115.4
166 125.8 90.9 168.9



Abundance Ion 163.90 (163.60 to 164.60): VU032280.D (-2218) (-)
Ion 128.95 (128.65 to 129.65): VU032280.D (-2218) (-)
Ion 130.95 (130.65 to 131.65): VU032280.D (-2218) (-)
Ion 165.90 (165.60 to 166.60): VU032280.D (-2218) (-)

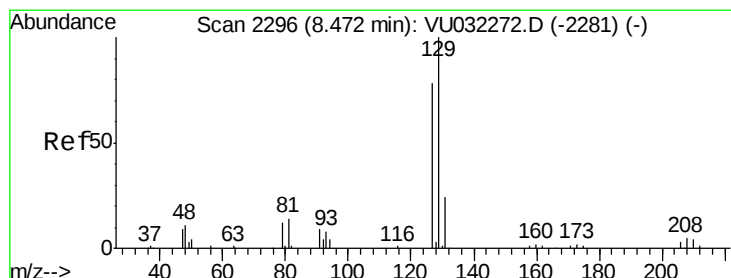
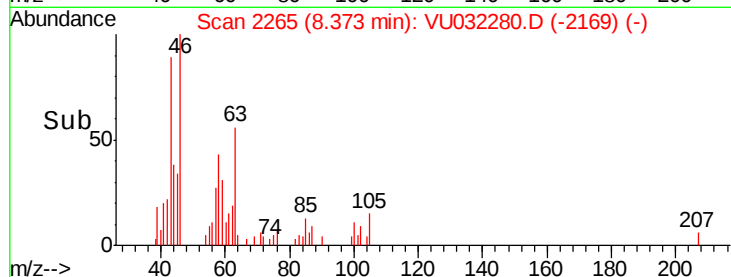
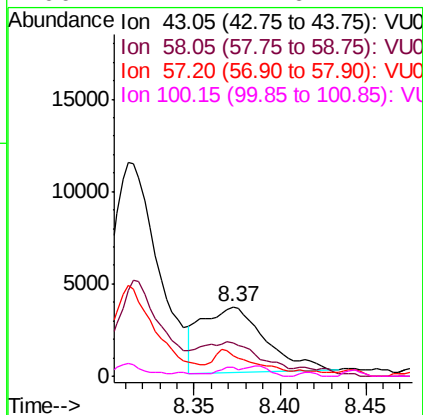
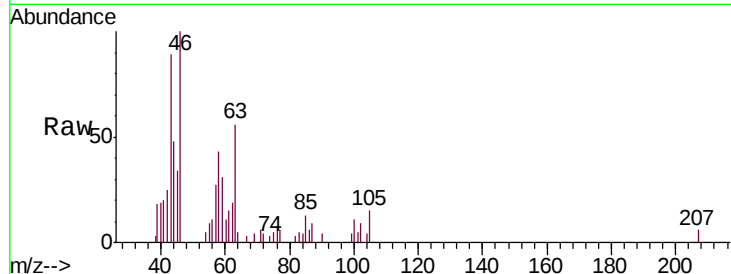




#48
2-Hexanone
Concen: 1.908 ug/L
RT: 8.37 min Scan# 2265
Delta R.T. 0.01 min
Lab File: VU032280.D
Acq: 23 May 2019 19:53

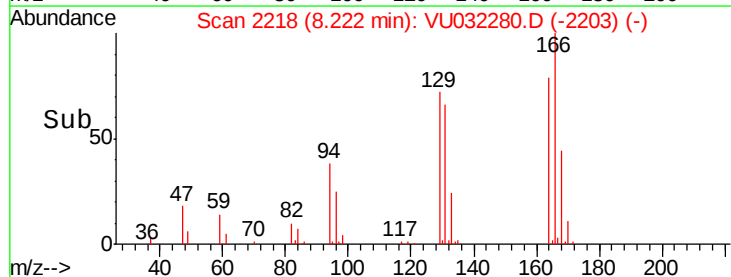
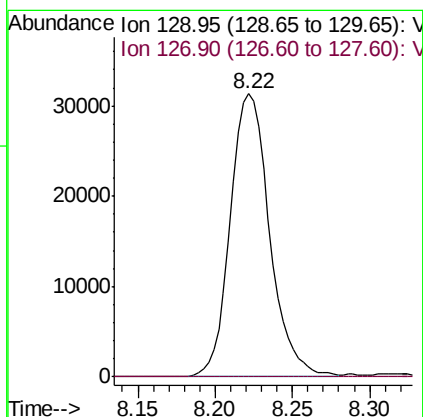
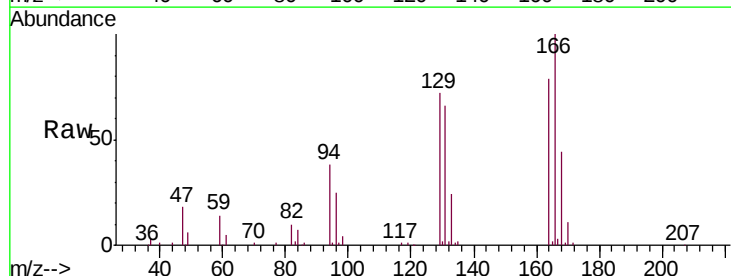
Instrument :
MSVOA_U
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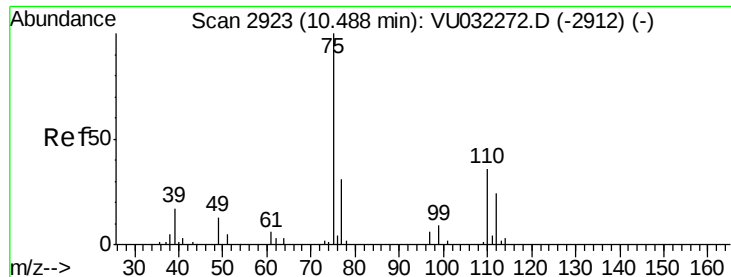
Tgt Ion: 43 Resp: 9065
Ion Ratio Lower Upper
43 100
58 38.5 49.7 74.5#
57 18.5 17.1 25.7
100 4.7 11.6 17.4#



#49
Dibromochloromethane
Concen: 5.144 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU032280.D
Acq: 23 May 2019 19:53

Tgt Ion: 129 Resp: 55395
Ion Ratio Lower Upper
129 100
127 0.0 51.7 95.9#





#59

1,2,3-Trichloropropane

Concen: 1.826 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032280.D

Acq: 23 May 2019 19:53

Instrument :

MSVOA_U

ClientSampleId :

C0BP6DL

Tgt Ion: 75 Resp: 14569

Ion Ratio Lower Upper

75 100

77 37.5 28.2 42.4

