

Data File : VU032278.D
Acq On : 23 May 2019 19:04
Operator : JC/SP
Sample : K2888-06DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN8DL

Quant Time: May 24 02:59:38 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	365330	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	376530	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	147637	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	113303	5.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.40%
7) Chloroethane-d5	1.68	69	95205	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.27	63	167507	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.60%
20) 2-Butanone-d5	4.20	46	251502	43.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.92%
24) Chloroform-d	4.64	84	217911	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.20%
26) 1,2-Dichloroethane-d4	5.31	65	106032	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.40%
32) Benzene-d6	5.33	84	451937	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
36) 1,2-Dichloropropane-d6	6.32	67	132684	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.40%
41) Toluene-d8	7.56	98	378167	3.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.80%
43) trans-1,3-Dichloropropene-	7.85	79	44496	3.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.80%
46) 2-Hexanone-d5	8.31	63	204271	40.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.38%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	107628	3.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	62.40%#
64) 1,2-Dichlorobenzene-d4	11.86	152	142237	3.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	70.00%#

Target Compounds

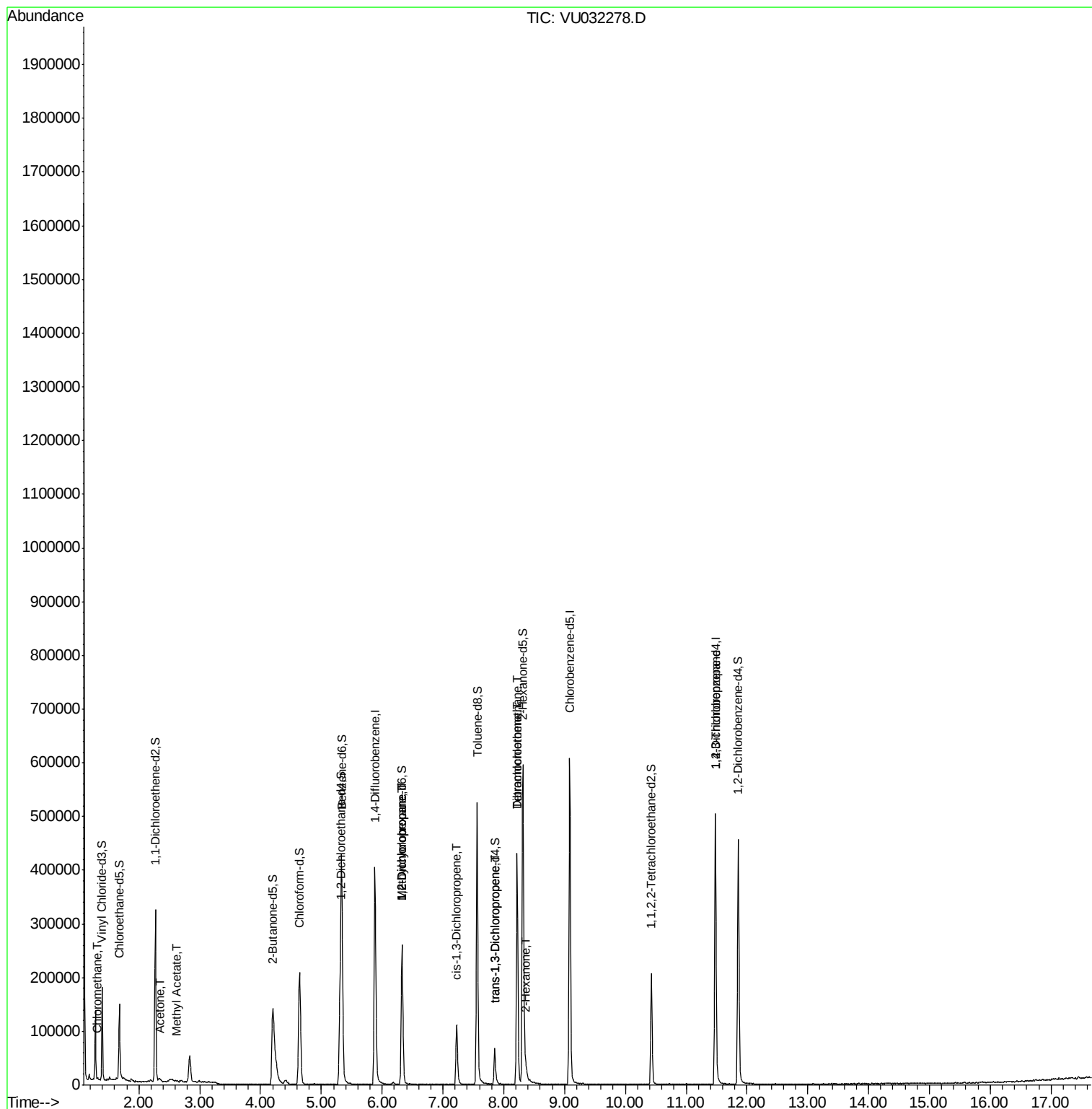
					Qvalue
3) Chloromethane	1.32	50	2246	0.143	ug/L 87
13) Acetone	2.34	43	2893	1.613	ug/L 96
15) Methyl Acetate	2.62	43	809	0.154	ug/L # 41
35) Methylcyclohexane	6.32	83	31465	1.563	ug/L # 20
37) 1,2-Dichloropropane	6.33	63	13036	1.063	ug/L # 87
39) cis-1,3-Dichloropropene	7.22	75	2771	0.159	ug/L # 16
44) trans-1,3-Dichloropropene	7.86	75	2051	0.149	ug/L 98
47) Tetrachloroethene	8.22	164	105675	9.365	ug/L 96
48) 2-Hexanone	8.37	43	6718	1.413	ug/L # 87
49) Dibromochloromethane	8.22	129	97384	9.034	ug/L # 13
59) 1,2,3-Trichloropropane	11.48	75	14696	1.840	ug/L 95

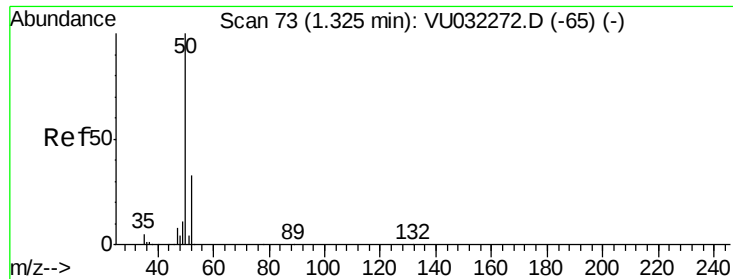
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.143 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU032278.D

Acq: 23 May 2019 19:04

Instrument :

MSVOA_U

ClientSampleId :

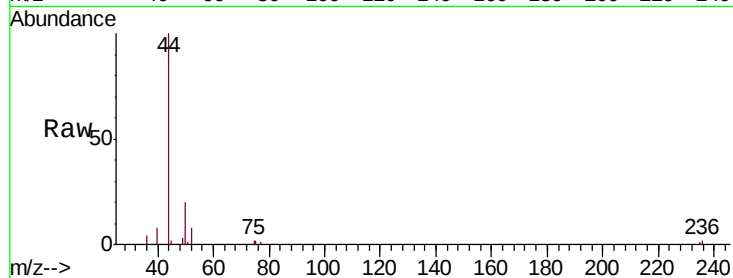
C0BN8DL

Tgt Ion: 50 Resp: 2246

Ion Ratio Lower Upper

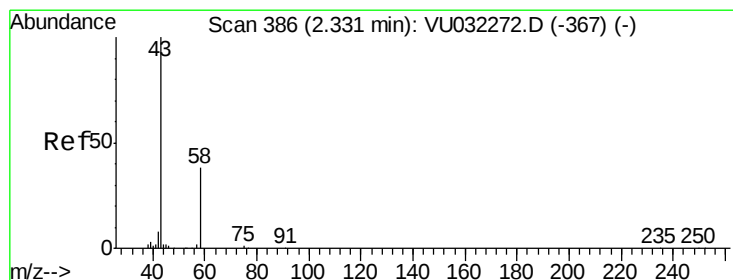
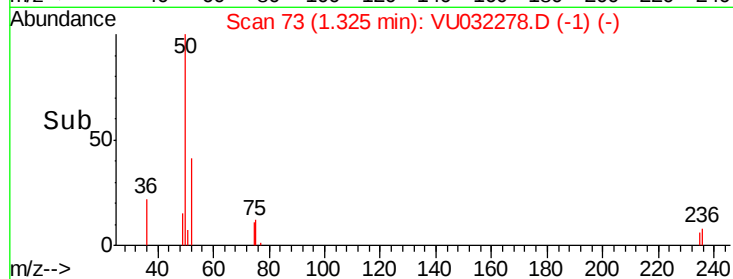
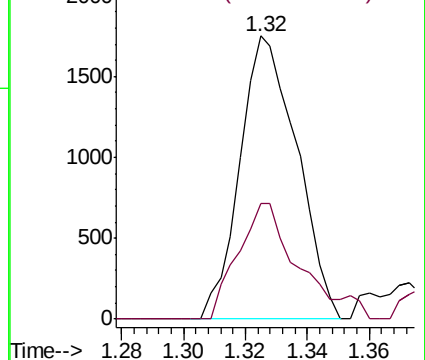
50 100

52 40.9 23.3 43.3



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

Ion 52.05 (51.75 to 52.75): VU032278.D (-1) (-)



#13

Acetone

Concen: 1.613 ug/L

RT: 2.34 min Scan# 388

Delta R.T. 0.01 min

Lab File: VU032278.D

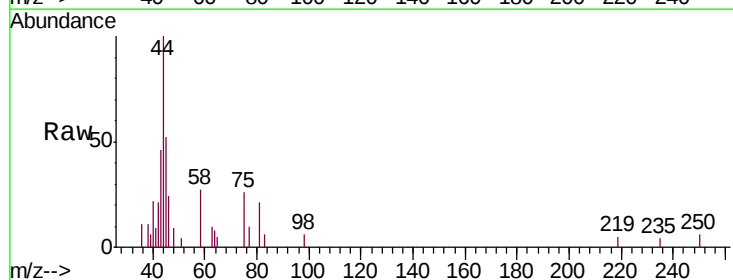
Acq: 23 May 2019 19:04

Tgt Ion: 43 Resp: 2893

Ion Ratio Lower Upper

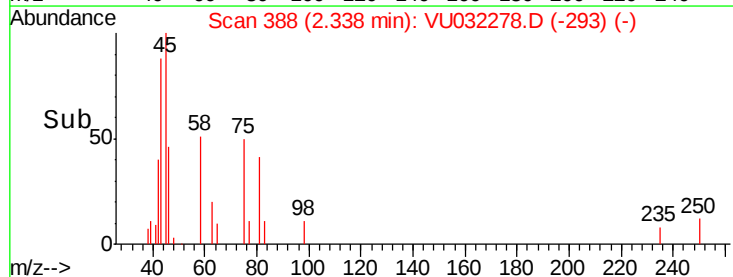
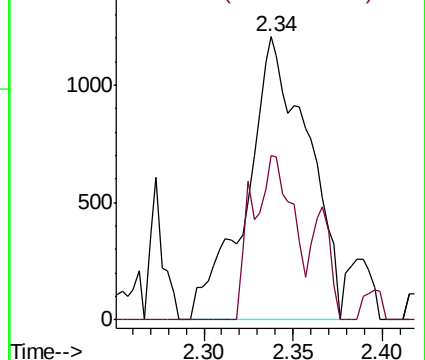
43 100

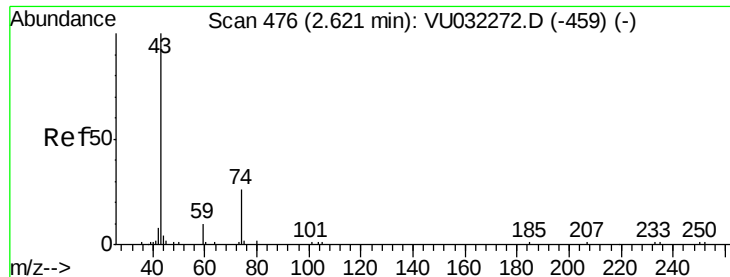
58 38.4 0.0 72.6



Abundance Ion 43.05 (42.75 to 43.75): VU032272.D (-367) (-)

Ion 58.05 (57.75 to 58.75): VU032278.D (-293) (-)





#15

Methyl Acetate

Concen: 0.154 ug/L

RT: 2.62 min Scan# 477

Delta R.T. 0.00 min

Lab File: VU032278.D

Acq: 23 May 2019 19:04

Instrument :

MSVOA_U

ClientSampleId :

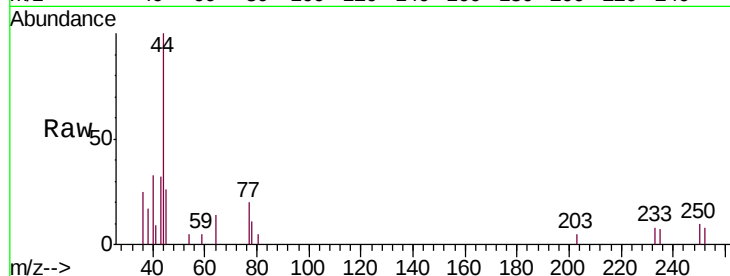
C0BN8DL

Tgt Ion: 43 Resp: 809

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

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Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0

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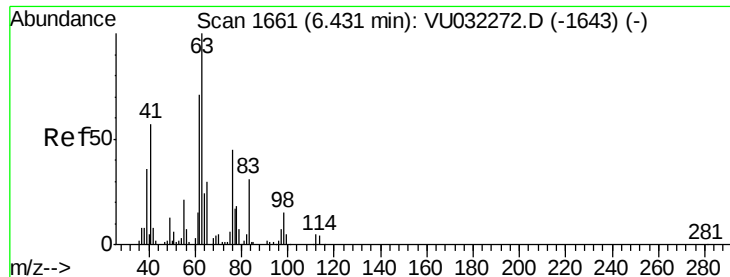
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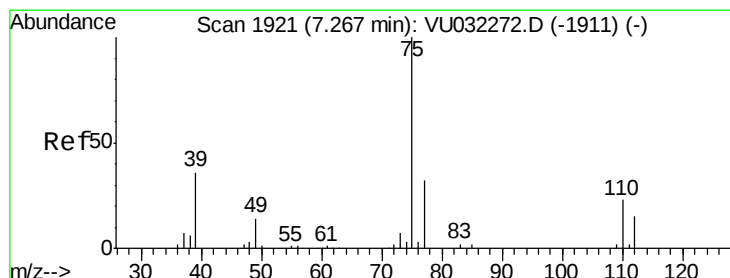
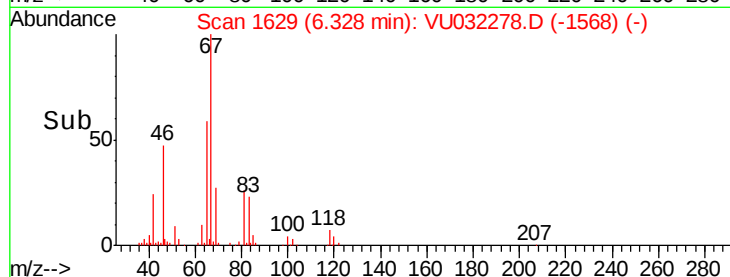
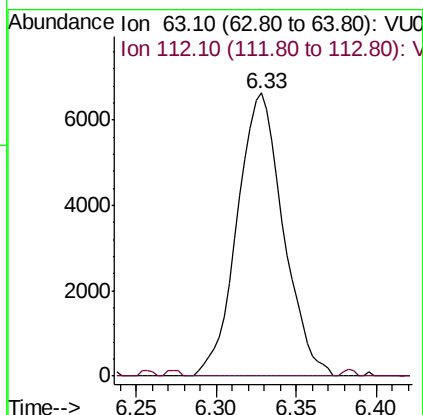
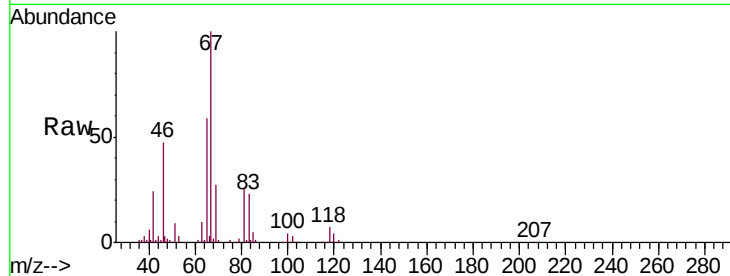
2.62



#37
 1,2-Dichloropropane
 Concen: 1.063 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU032278.D
 Acq: 23 May 2019 19:04

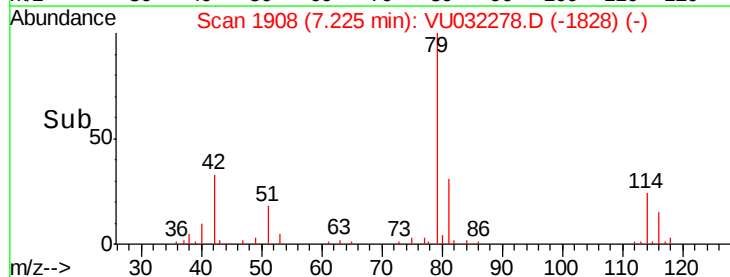
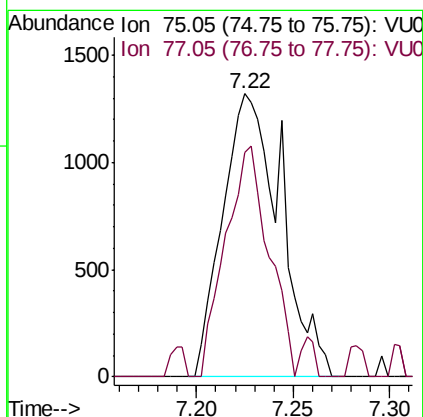
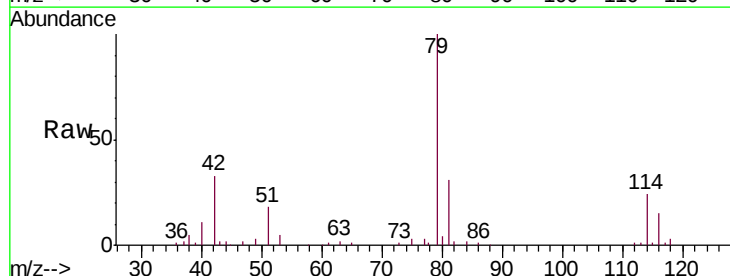
Instrument :
 MSVOA_U
 ClientSampleId :
 C0BN8DL

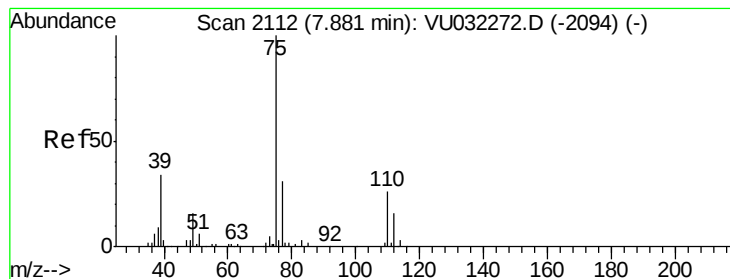
Tgt Ion: 63 Resp: 13036
 Ion Ratio Lower Upper
 63 100
 112 0.6 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.159 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU032278.D
 Acq: 23 May 2019 19:04

Tgt Ion: 75 Resp: 2771
 Ion Ratio Lower Upper
 75 100
 77 79.2 22.6 42.0#





#44

trans-1,3-Dichloropropene

Concen: 0.149 ug/L

RT: 7.86 min Scan# 2104

Delta R.T. -0.03 min

Lab File: VU032278.D

Acq: 23 May 2019 19:04

Instrument :

MSVOA_U

ClientSampleId :

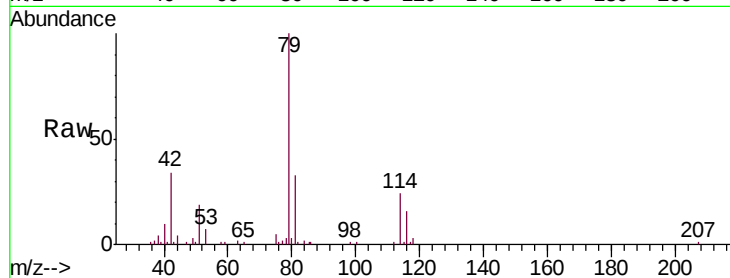
C0BN8DL

Tgt Ion: 75 Resp: 2051

Ion Ratio Lower Upper

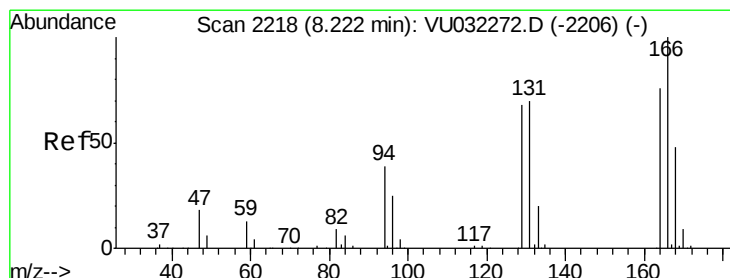
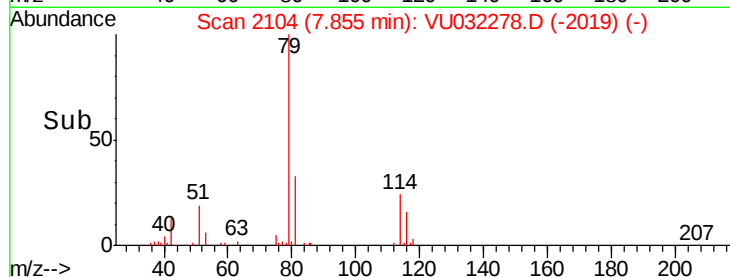
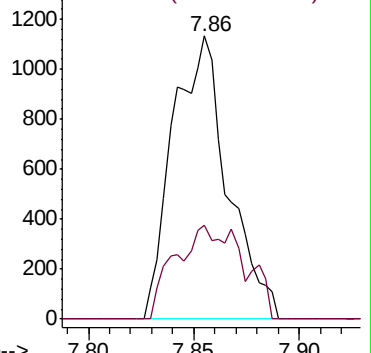
75 100

77 33.1 22.5 41.9



Abundance Ion 75.05 (74.75 to 75.75): VU032278.D (-2094) (-)

Ion 77.05 (76.75 to 77.75): VU032278.D (-2094) (-)



#47

Tetrachloroethene

Concen: 9.365 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU032278.D

Acq: 23 May 2019 19:04

Tgt Ion: 164 Resp: 105675

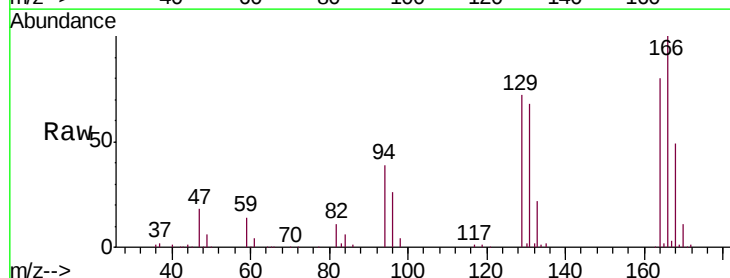
Ion Ratio Lower Upper

164 100

129 90.7 67.1 124.7

131 85.8 62.2 115.4

166 125.6 90.9 168.9

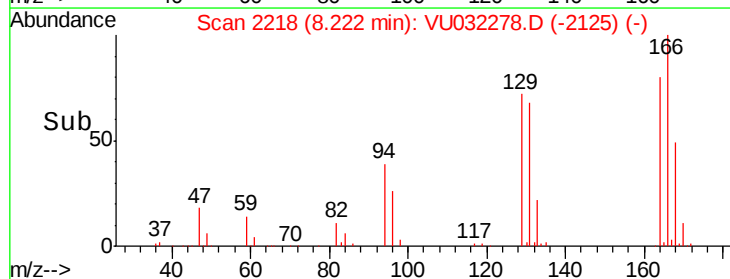
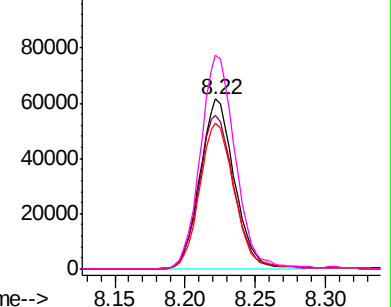


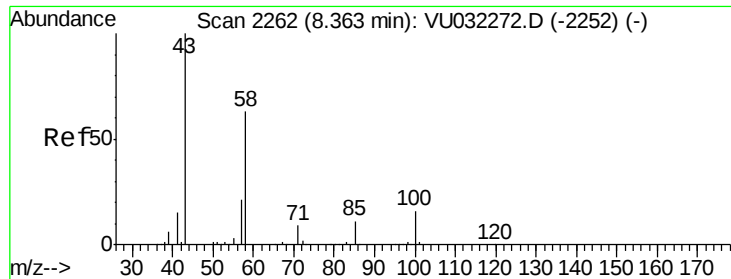
Abundance Ion 163.90 (163.60 to 164.60): VU032278.D (-2125) (-)

Ion 128.95 (128.65 to 129.65): VU032278.D (-2125) (-)

Ion 130.95 (130.65 to 131.65): VU032278.D (-2125) (-)

Ion 165.90 (165.60 to 166.60): VU032278.D (-2125) (-)

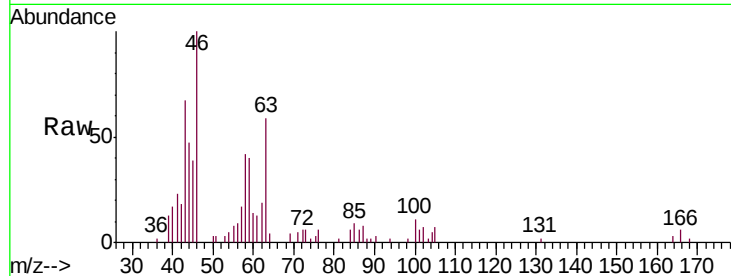




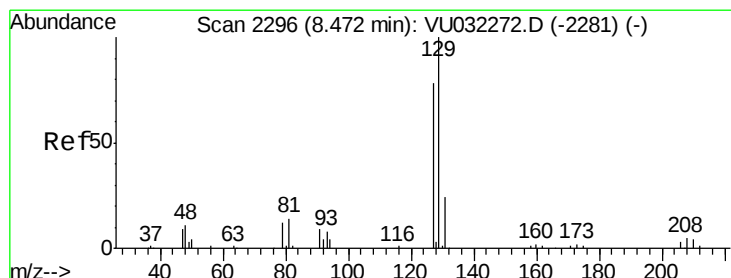
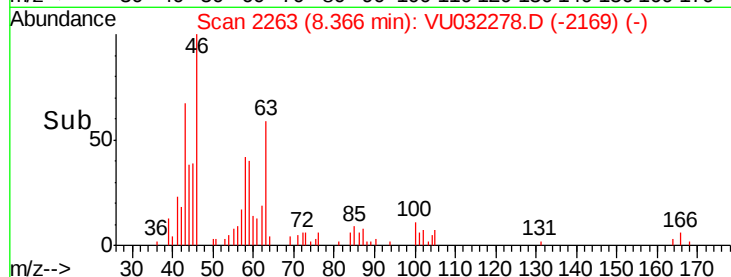
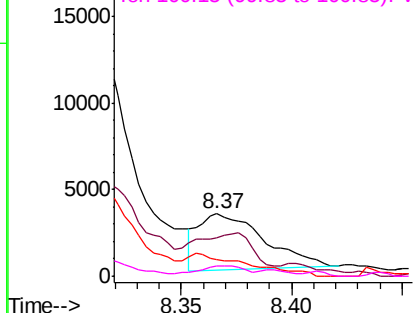
#48
2-Hexanone
Concen: 1.413 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VU032278.D
Acq: 23 May 2019 19:04

Instrument :
MSVOA_U
ClientSampleId :
COBN8DL

Tgt Ion:	43	Resp:	6718
Ion	Ratio	Lower	Upper
43	100		
58	68.7	49.7	74.5
57	36.3	17.1	25.7
100	12.8	11.6	17.4

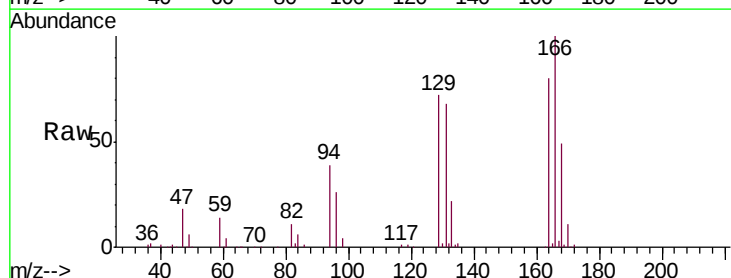


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0

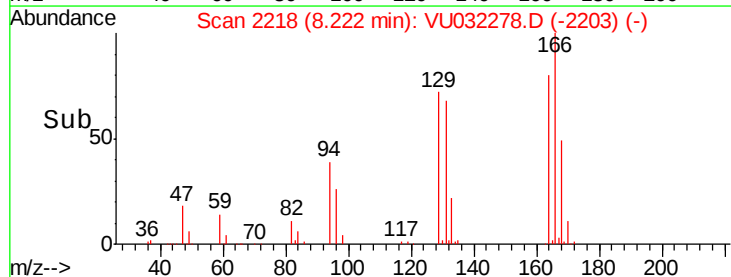
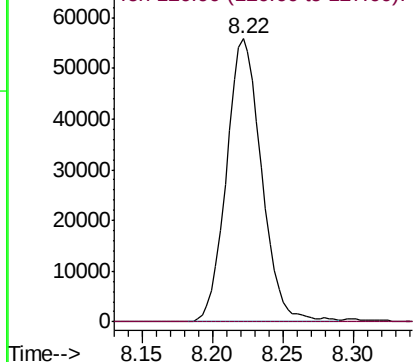


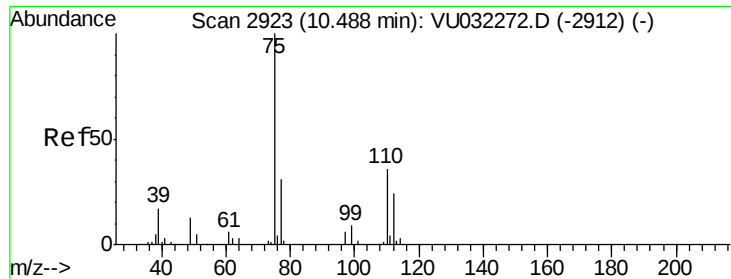
#49
Dibromochloromethane
Concen: 9.034 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU032278.D
Acq: 23 May 2019 19:04

Tgt Ion:	129	Resp:	97384
Ion	Ratio	Lower	Upper
129	100		
127	0.0	51.7	95.9



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V





#59
 1,2,3-Trichloropropane
 Concen: 1.840 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU032278.D
 Acq: 23 May 2019 19:04

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BN8DL

Tgt Ion: 75 Resp: 14696
 Ion Ratio Lower Upper
 75 100
 77 38.3 28.2 42.4

