

Data File : VU032235.D
Acq On : 22 May 2019 20:27
Operator : JC/SP
Sample : K2888-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN7

Quant Time: May 23 01:52:37 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	379165	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	386328	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	155591	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	114825	5.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.80%
7) Chloroethane-d5	1.68	69	99451	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.27	63	172059	4.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.60%
20) 2-Butanone-d5	4.20	46	244731	40.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.48%
24) Chloroform-d	4.64	84	219678	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.80%
26) 1,2-Dichloroethane-d4	5.31	65	107567	3.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.60%
32) Benzene-d6	5.33	84	456505	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.20%
36) 1,2-Dichloropropane-d6	6.33	67	131508	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.80%
41) Toluene-d8	7.56	98	378262	3.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.00%
43) trans-1,3-Dichloropropene-	7.85	79	45414	3.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.40%
46) 2-Hexanone-d5	8.31	63	215525	41.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.68%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	105600	2.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	59.60%#
64) 1,2-Dichlorobenzene-d4	11.86	152	141826	3.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	66.20%#

Target Compounds

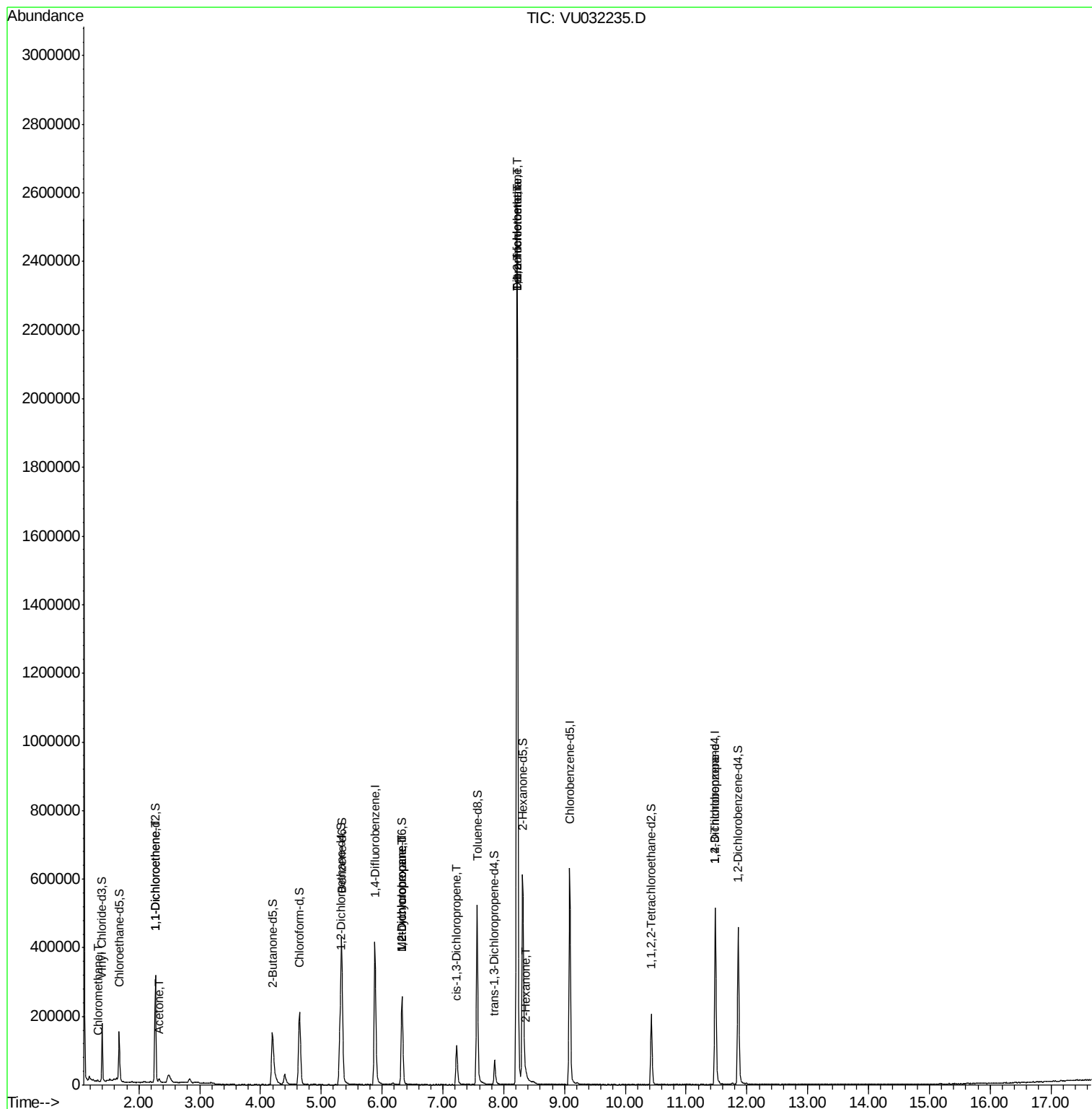
					Qvalue
3) Chloromethane	1.33	50	4147	0.255 ug/L	95
12) 1,1-Dichloroethene	2.27	96	1560	0.116 ug/L #	1
13) Acetone	2.33	43	6418	3.449 ug/L	98
35) Methylcyclohexane	6.32	83	32451	1.571 ug/L #	20
37) 1,2-Dichloropropane	6.33	63	13873	1.103 ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2689	0.150 ug/L	86
45) 1,1,2-Trichloroethane	8.22	97	4354	0.448 ug/L #	1
47) Tetrachloroethene	8.22	164	625147	53.994 ug/L	97
48) 2-Hexanone	8.37	43	9834	2.016 ug/L #	37
49) Dibromochloromethane	8.22	129	566586	51.230 ug/L #	13
59) 1,2,3-Trichloropropane	11.48	75	15975	1.950 ug/L	90

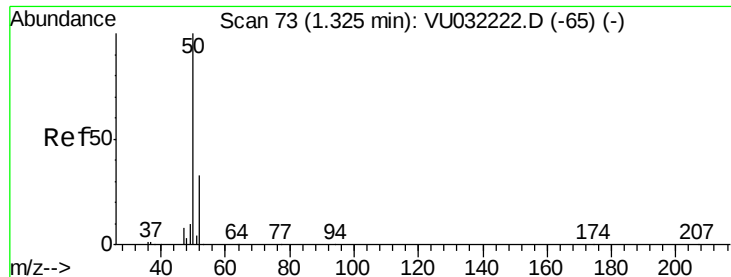
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.255 ug/L

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU032235.D

Acq: 22 May 2019 20:27

Instrument :

MSVOA_U

ClientSampleId :

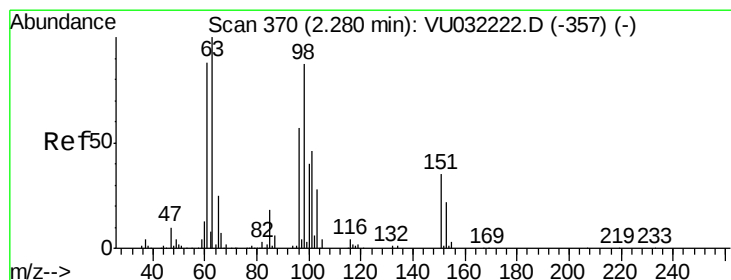
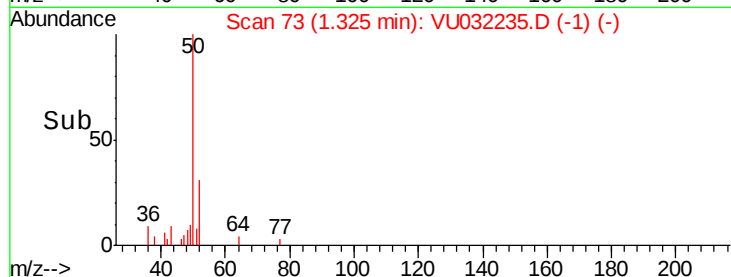
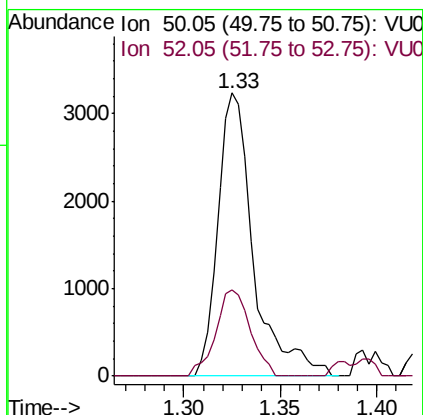
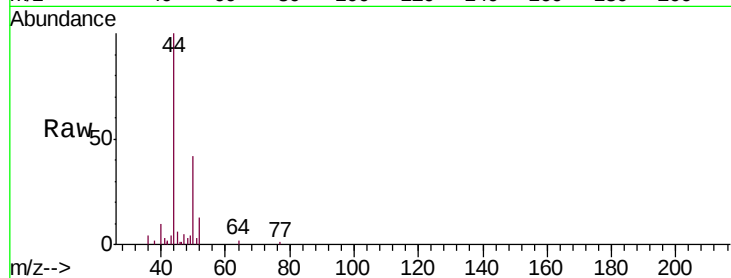
C0BN7

Tgt Ion: 50 Resp: 4147

Ion Ratio Lower Upper

50 100

52 30.6 23.3 43.3



#12

1,1-Dichloroethene

Concen: 0.116 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032235.D

Acq: 22 May 2019 20:27

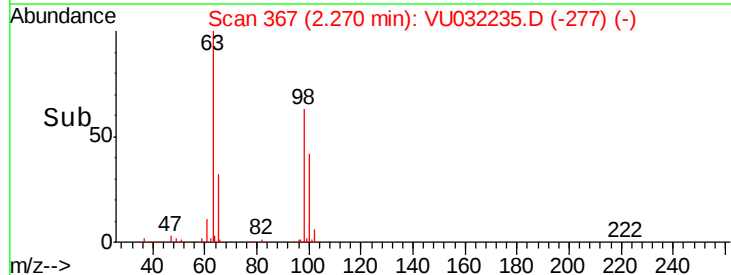
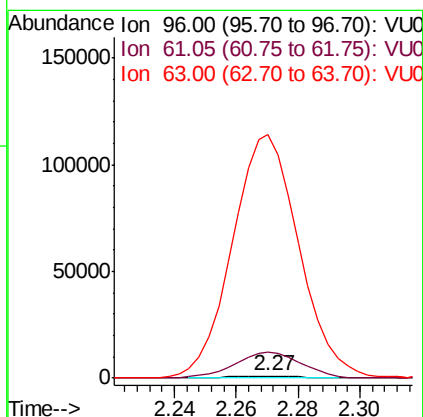
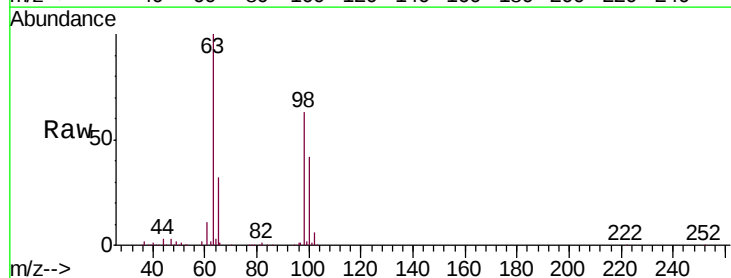
Tgt Ion: 96 Resp: 1560

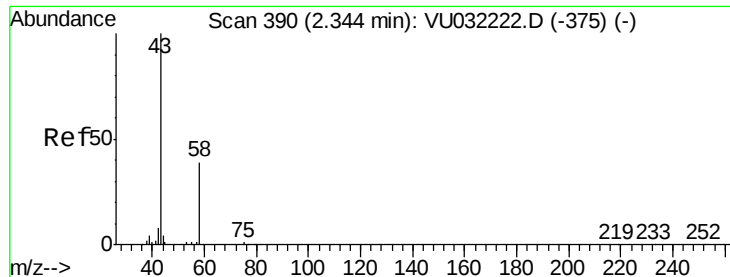
Ion Ratio Lower Upper

96 100

61 1191.0 113.8 211.3#

63 11033.0 108.8 202.2#





#13

Acetone

Concen: 3.449 ug/L

RT: 2.33 min Scan# 385

Delta R.T. -0.02 min

Lab File: VU032235.D

Acq: 22 May 2019 20:27

Instrument :

MSVOA_U

ClientSampleId :

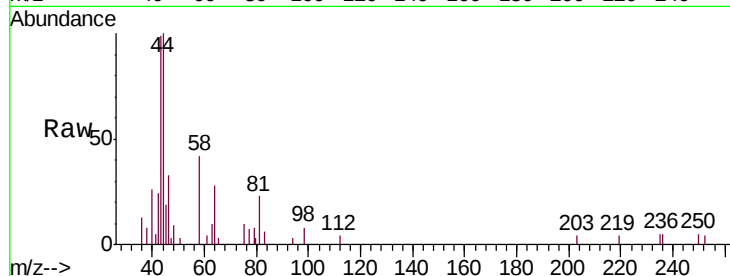
C0BN7

Tgt Ion: 43 Resp: 6418

Ion Ratio Lower Upper

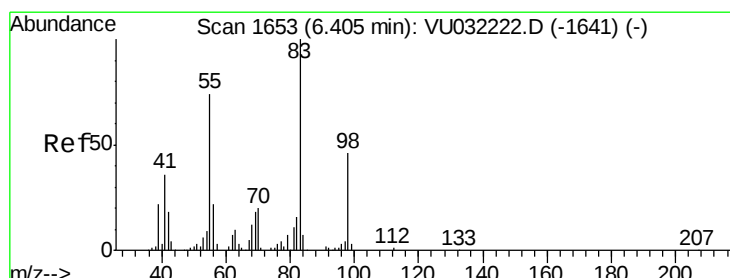
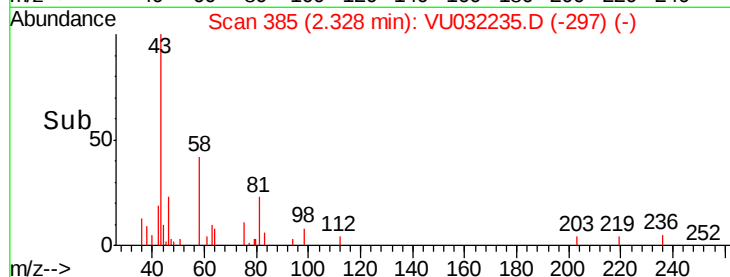
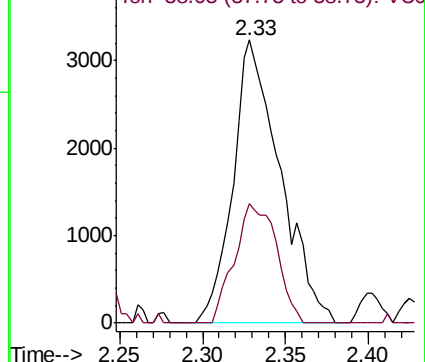
43 100

58 37.5 0.0 72.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#35

Methylcyclohexane

Concen: 1.571 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032235.D

Acq: 22 May 2019 20:27

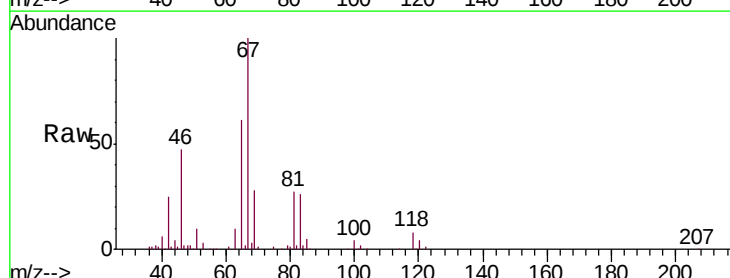
Tgt Ion: 83 Resp: 32451

Ion Ratio Lower Upper

83 100

55 0.6 59.7 89.5#

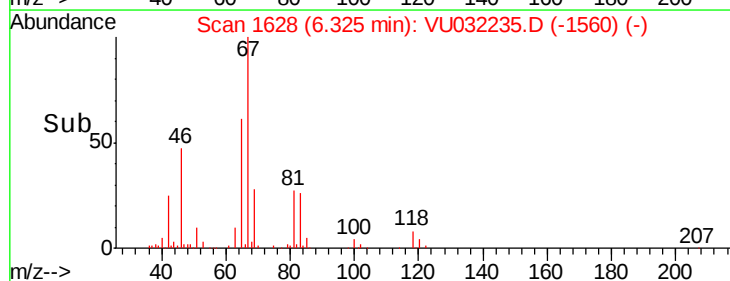
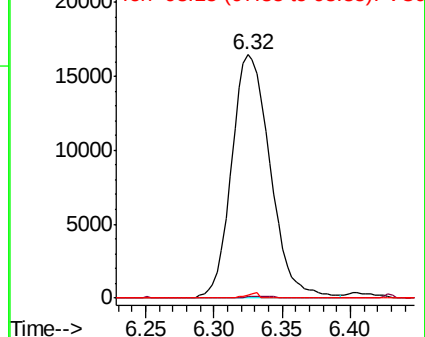
98 0.7 37.5 56.3#

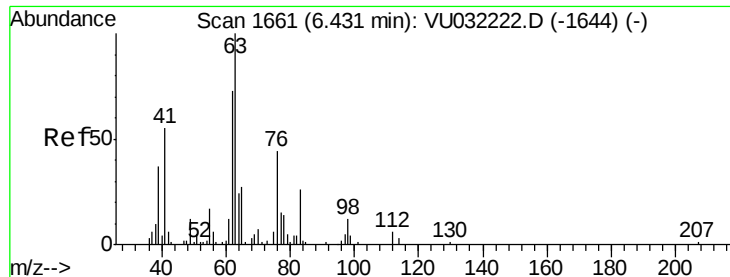


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

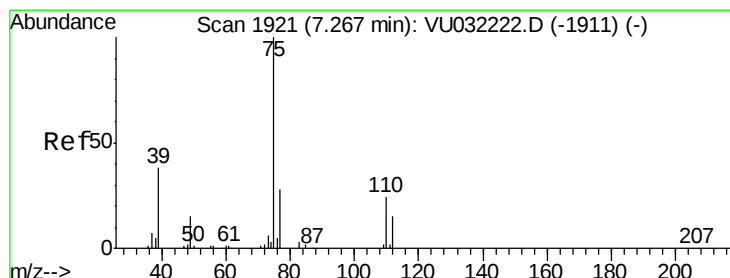
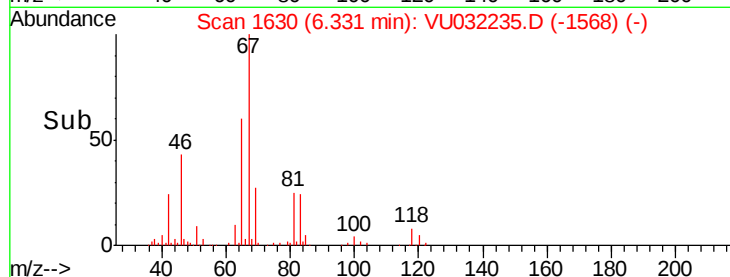
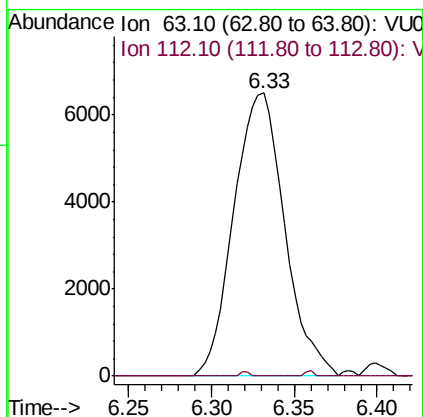
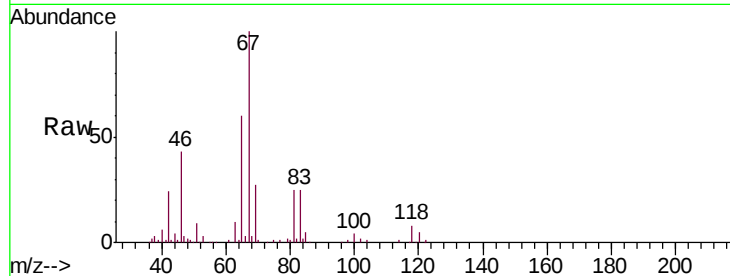




#37
 1,2-Dichloropropane
 Concen: 1.103 ug/L
 RT: 6.33 min Scan# 1630
 Delta R.T. -0.10 min
 Lab File: VU032235.D
 Acq: 22 May 2019 20:27

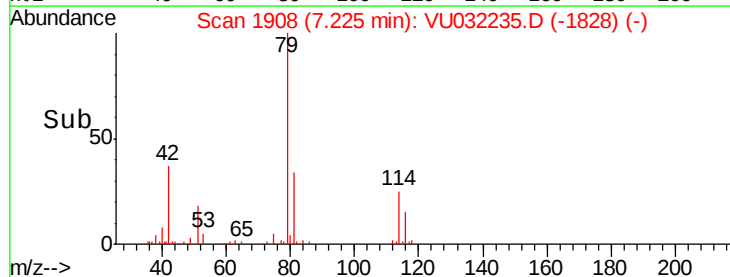
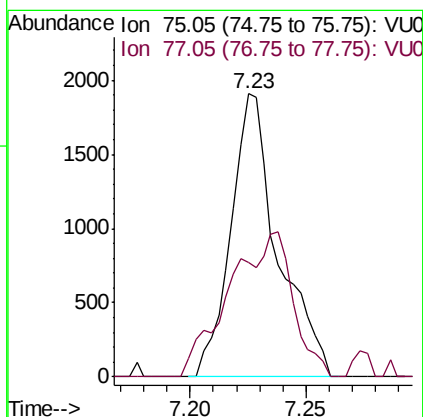
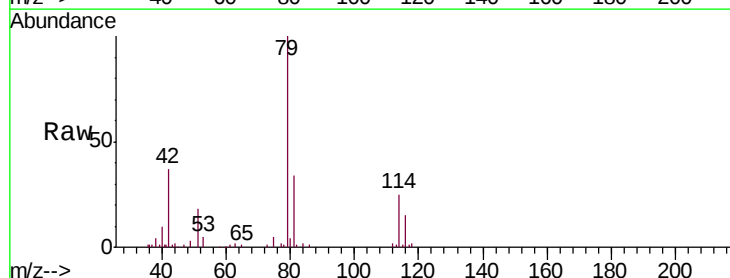
Instrument :
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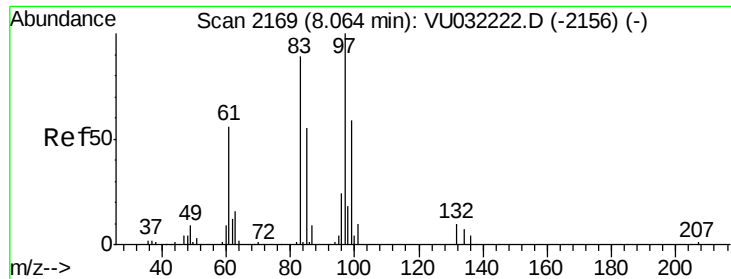
Tgt Ion: 63 Resp: 13873
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.150 ug/L
 RT: 7.23 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU032235.D
 Acq: 22 May 2019 20:27

Tgt Ion: 75 Resp: 2689
 Ion Ratio Lower Upper
 75 100
 77 40.4 22.6 42.0

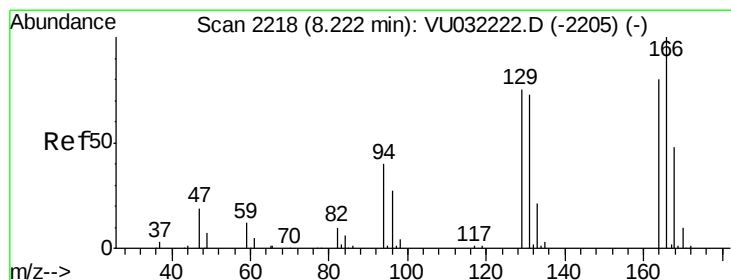
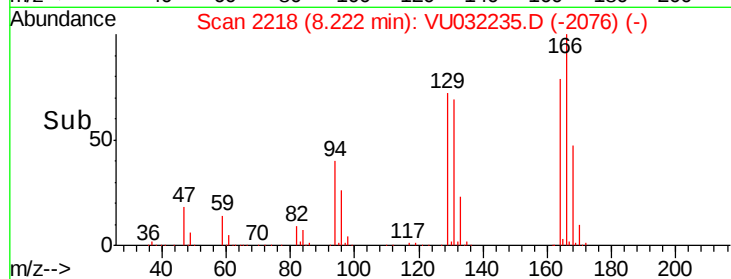
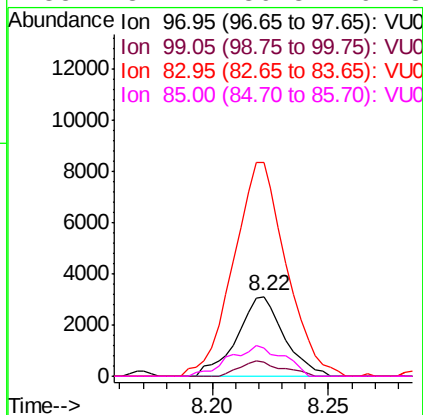
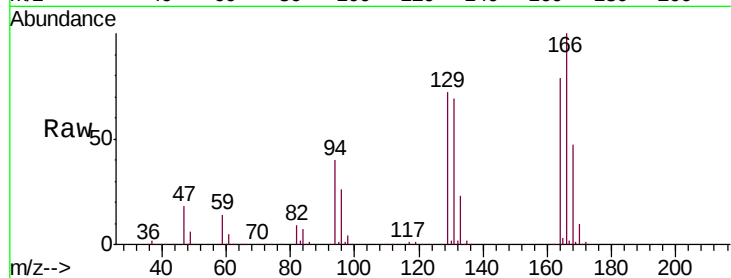




#45
 1,1,2-Trichloroethane
 Concen: 0.448 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. 0.16 min
 Lab File: VU032235.D
 Acq: 22 May 2019 20:27

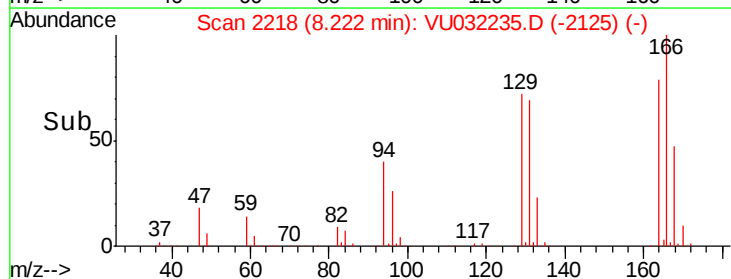
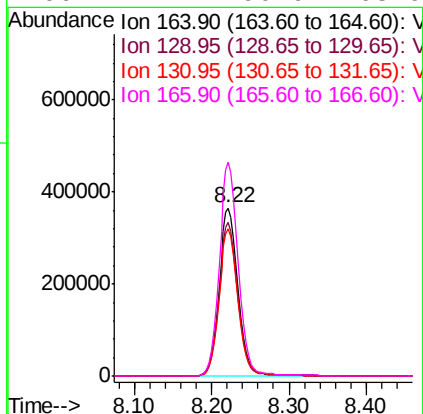
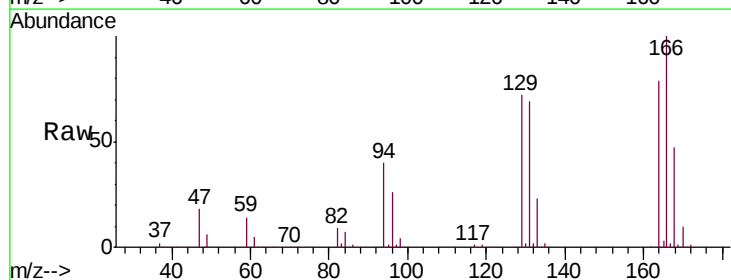
Instrument :
 MSVOA_U
 ClientSampleId :
 C0BN7

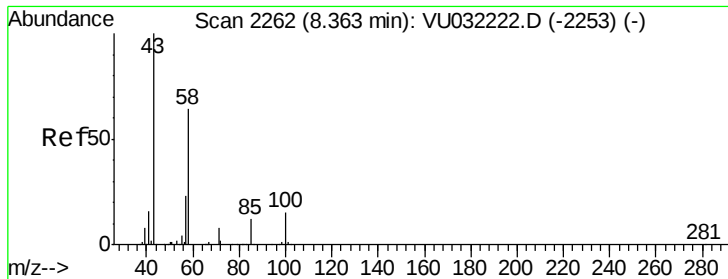
Tgt Ion: 97 Resp: 4354
 Ion Ratio Lower Upper
 97 100
 99 17.8 44.2 82.0#
 83 267.2 60.5 112.3#
 85 34.7 36.3 67.3#



#47
 Tetrachloroethene
 Concen: 53.994 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VU032235.D
 Acq: 22 May 2019 20:27

Tgt Ion: 164 Resp: 625147
 Ion Ratio Lower Upper
 164 100
 129 91.6 67.1 124.7
 131 87.5 62.2 115.4
 166 127.1 90.9 168.9

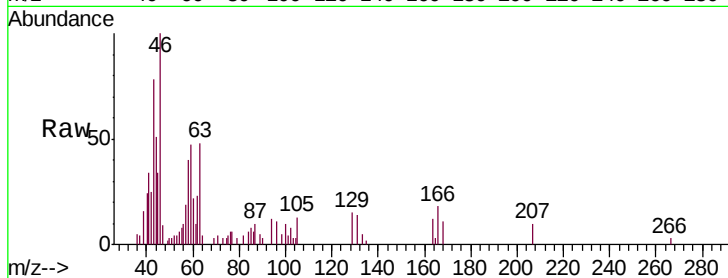




#48
2-Hexanone
Concen: 2.016 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VU032235.D
Acq: 22 May 2019 20:27

Instrument :
MSVOA_U
ClientSampleId :
C0BN7

Tgt Ion:	43	Resp:	9834
Ion	Ratio	Lower	Upper
43	100		
58	0.0	49.7	74.5#
57	4.3	17.1	25.7#
100	3.3	11.6	17.4#

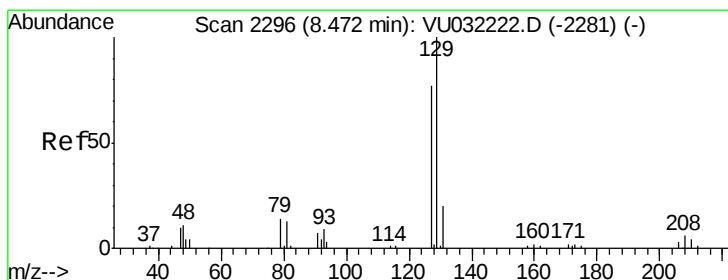
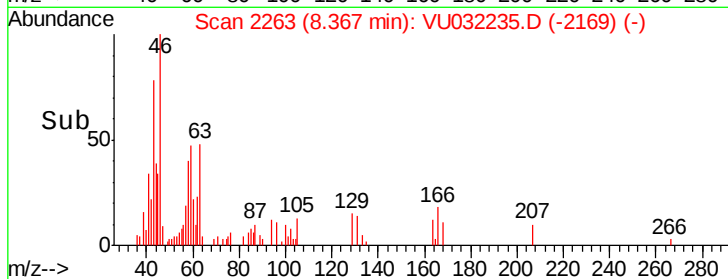
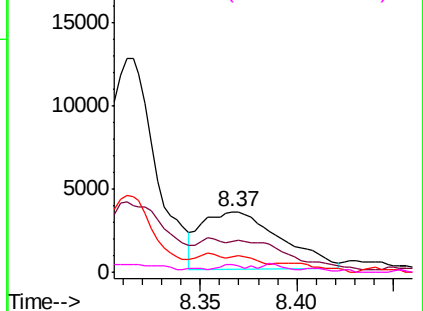


Abundance Ion 43.05 (42.75 to 43.75): VU032222.D (-2253) (-)

Ion 58.05 (57.75 to 58.75): VU032222.D (-2253) (-)

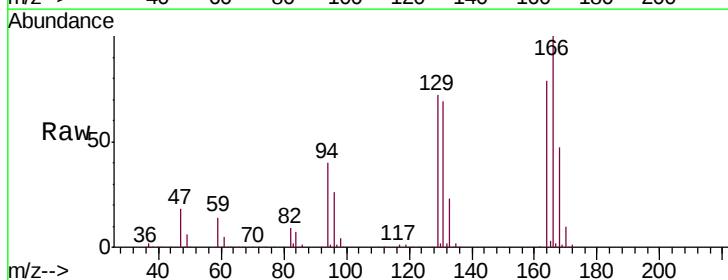
Ion 57.20 (56.90 to 57.90): VU032222.D (-2253) (-)

Ion 100.15 (99.85 to 100.85): VU032222.D (-2253) (-)



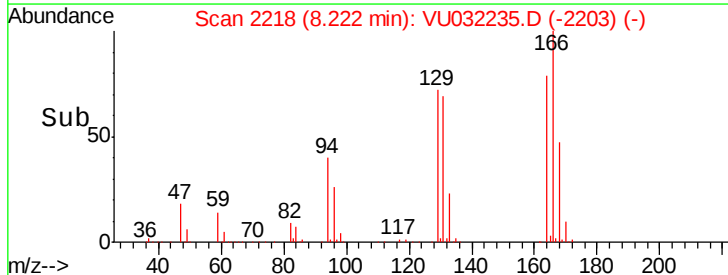
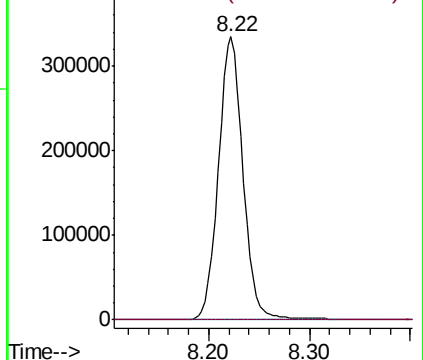
#49
Dibromochloromethane
Concen: 51.230 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU032235.D
Acq: 22 May 2019 20:27

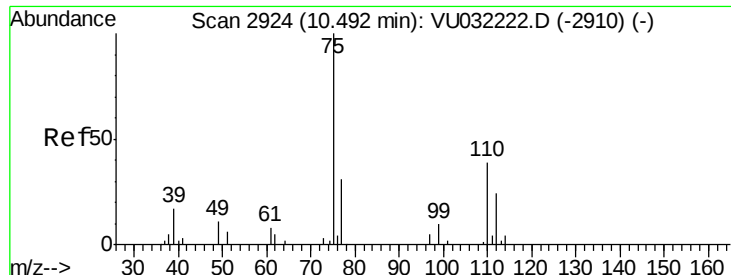
Tgt Ion:	129	Resp:	566586
Ion	Ratio	Lower	Upper
129	100		
127	0.1	51.7	95.9#



Abundance Ion 128.95 (128.65 to 129.65): VU032222.D (-2281) (-)

Ion 126.90 (126.60 to 127.60): VU032222.D (-2281) (-)





#59

1,2,3-Trichloropropane

Concen: 1.950 ug/L

RT: 11.48 min Scan# 3230

Delta R.T. 0.98 min

Lab File: VU032235.D

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Instrument :

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Tgt Ion: 75 Resp: 15975

Ion Ratio Lower Upper

75 100

77 41.0 28.2 42.4

