

Data File : VU031961.D
Acq On : 13 May 2019 10:50
Operator : JC/SP
Sample : K2791-14DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9D53DL

Quant Time: May 14 02:41:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 14 02:38:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	473389	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	488349	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	181685	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	114562	3.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.00%
7) Chloroethane-d5	1.68	69	114387	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.00%
11) 1,1-Dichloroethene-d2	2.27	63	179567	2.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.60%#
20) 2-Butanone-d5	4.20	46	514596	40.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.70%
24) Chloroform-d	4.64	84	272863	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
26) 1,2-Dichloroethane-d4	5.31	65	151206	3.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.20%
32) Benzene-d6	5.33	84	511761	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.00%
36) 1,2-Dichloropropane-d6	6.33	67	186332	4.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.20%
41) Toluene-d8	7.56	98	381424	3.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.40%
43) trans-1,3-Dichloropropene-	7.85	79	58463	3.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.60%
46) 2-Hexanone-d5	8.31	63	374952	46.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.04%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	164885	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	145395	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

					Qvalue	
12) 1,1-Dichloroethene	2.29	96	5932	0.184	ug/L #	1
13) Acetone	2.34	43	79365	9.225	ug/L	80
15) Methyl Acetate	2.34	43	66605	3.001	ug/L #	59
19) 1,1-Dichloroethane	3.44	63	31496	0.369	ug/L #	95
22) cis-1,2-Dichloroethene	4.22	96	342012	8.210	ug/L	80
27) 1,2-Dichloroethane	5.41	62	17423	0.314	ug/L	98
34) Trichloroethene	6.19	95	31670	0.738	ug/L	95
35) Methylcyclohexane	6.33	83	41965	0.681	ug/L #	11
37) 1,2-Dichloropropane	6.32	63	21107	0.433	ug/L #	93
47) Tetrachloroethene	8.22	164	96631	3.462	ug/L	91
48) 2-Hexanone	8.37	43	26271	1.127	ug/L	98
49) Dibromochloromethane	8.22	129	98631	2.937	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	23526	0.816	ug/L	92

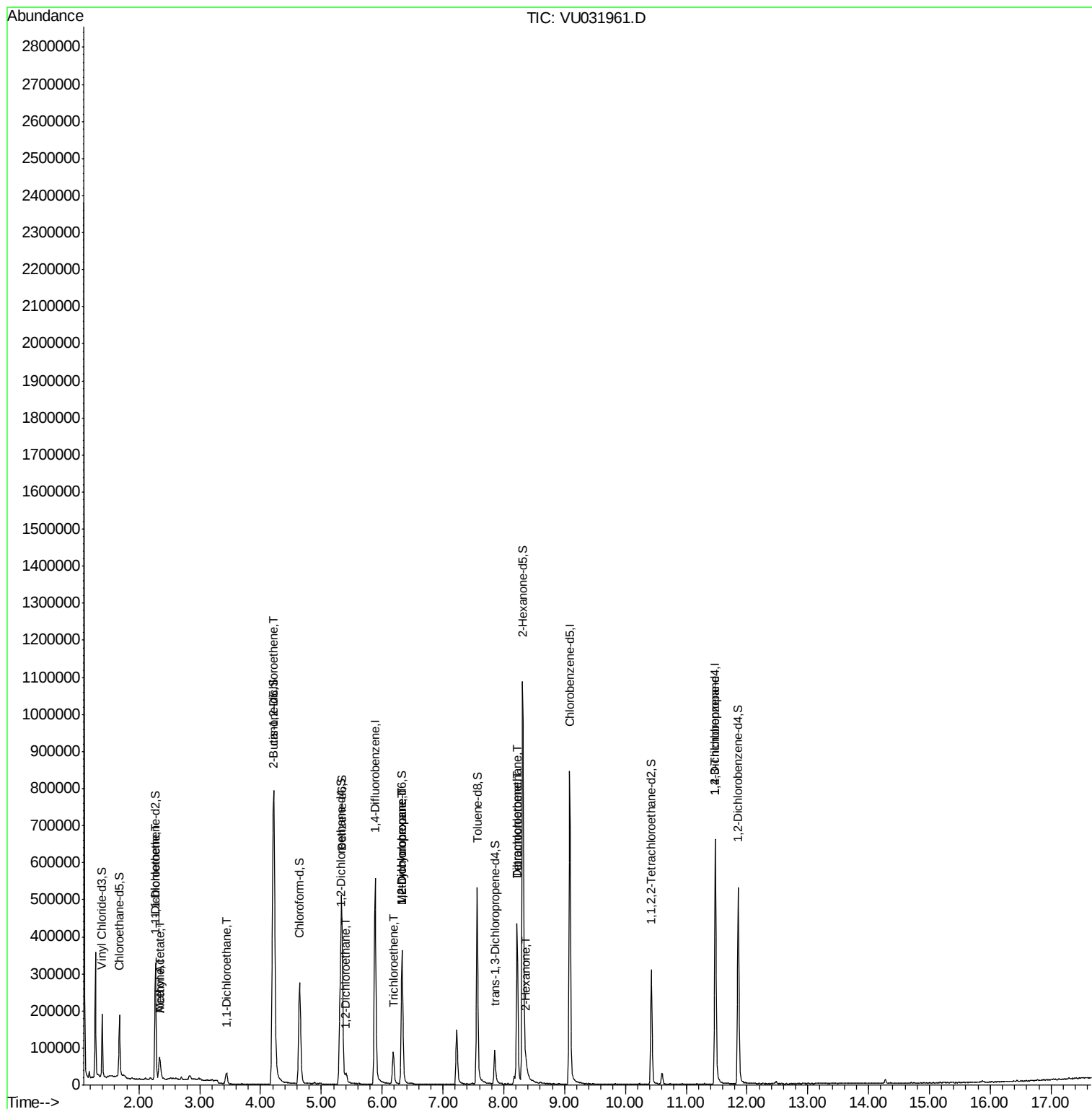
(#) = qualifier out of range (m) = manual integration (+) = signals summed

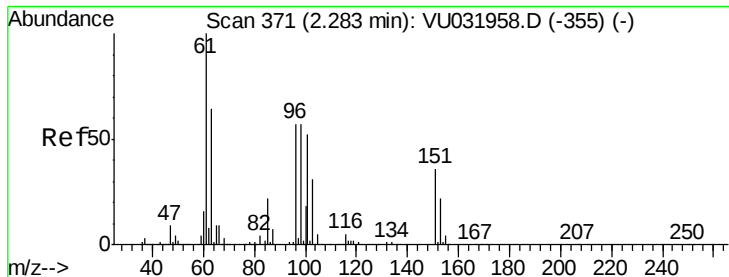
Data File : VU031961.D

```
Acq On       : 13 May 2019   10:50
Operator     : JC/SP
Sample       : K2791-14DL 5X
Misc         : 25.0mL/MSV0A_U/WATER
ALS Vial     : 5      Sample Multiplier: 1
```

Instrument :
MSVOA_U
ClientSampleId :
F9D53DL

Quant Time: May 14 02:41:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 14 02:38:02 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.184 ug/L

RT: 2.29 min Scan# 372

Delta R.T. 0.00 min

Lab File: VU031961.D

Acq: 13 May 2019 10:50

Instrument :

MSVOA_U

ClientSampleId :

F9D53DL

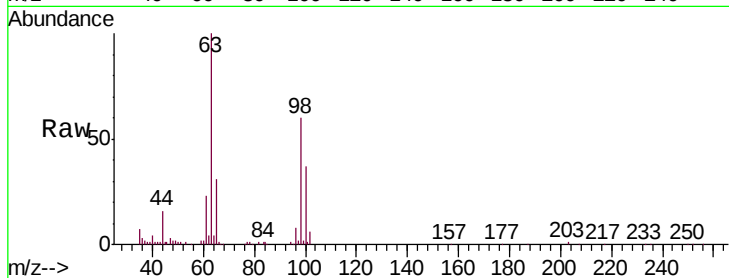
Tgt Ion: 96 Resp: 5932

Ion Ratio Lower Upper

96 100

61 290.9 149.0 276.6#

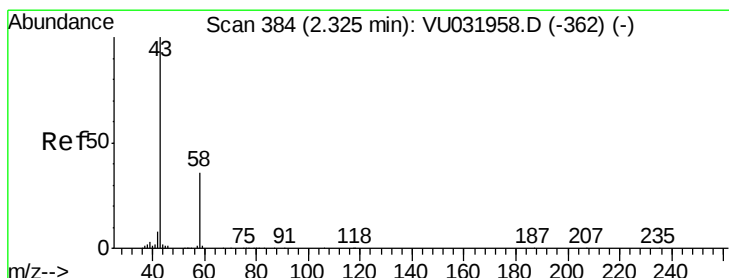
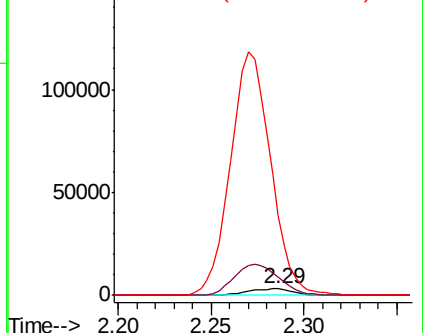
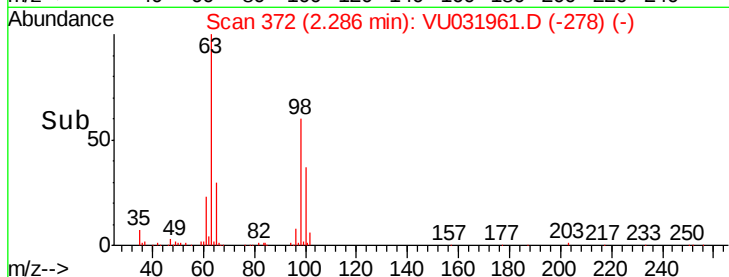
63 1282.8 99.8 185.4#



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: 9.225 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.02 min

Lab File: VU031961.D

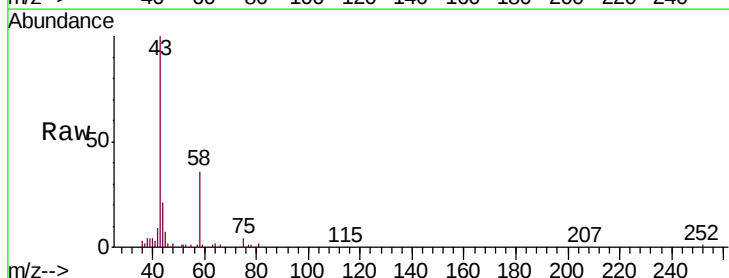
Acq: 13 May 2019 10:50

Tgt Ion: 43 Resp: 79365

Ion Ratio Lower Upper

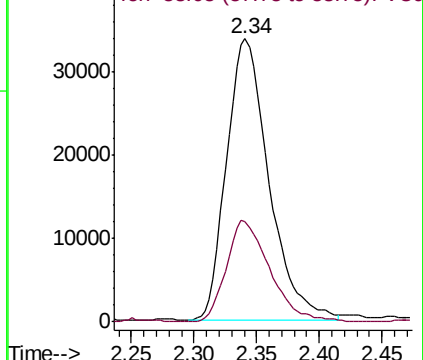
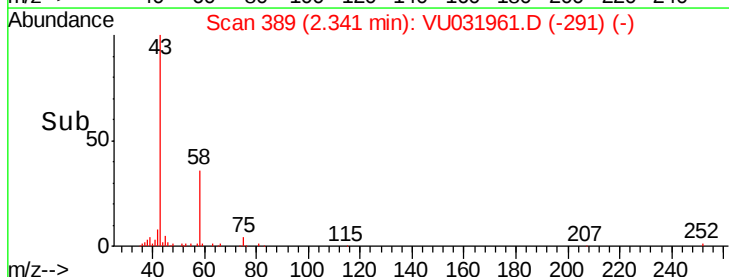
43 100

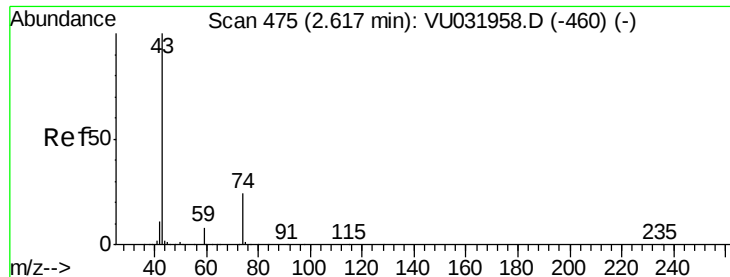
58 36.9 0.0 53.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

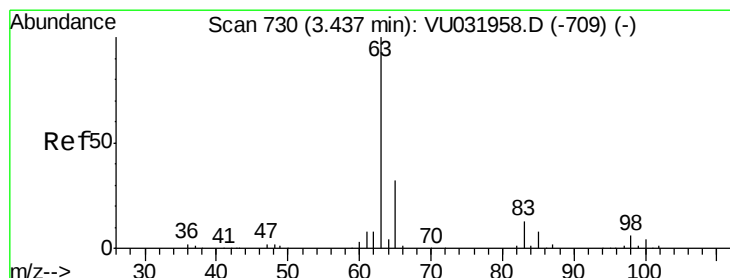
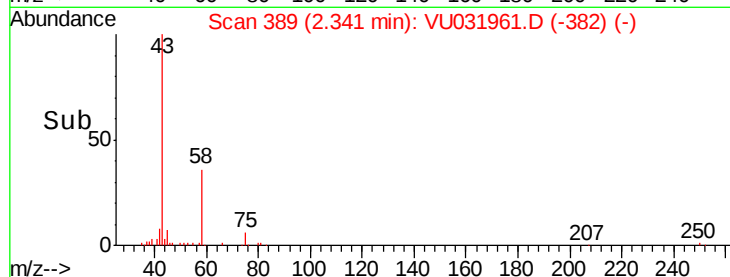
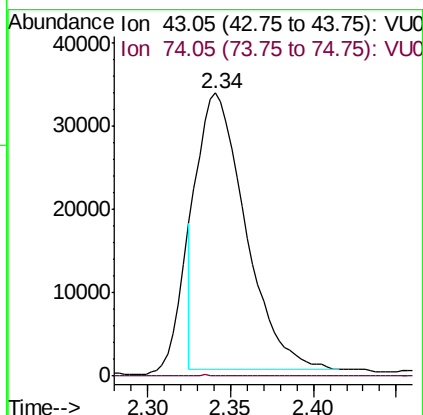
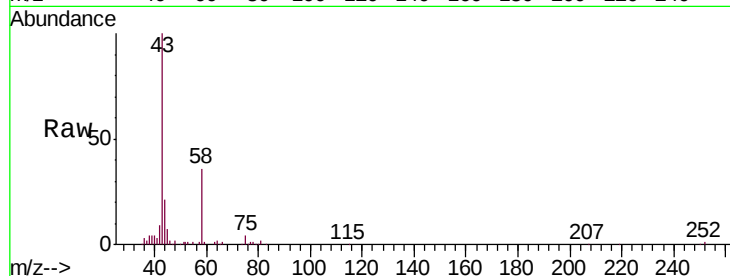




#15
Methyl Acetate
Concen: 3.001 ug/L
RT: 2.34 min Scan# 389
Delta R.T. -0.28 min
Lab File: VU031961.D
Acq: 13 May 2019 10:50

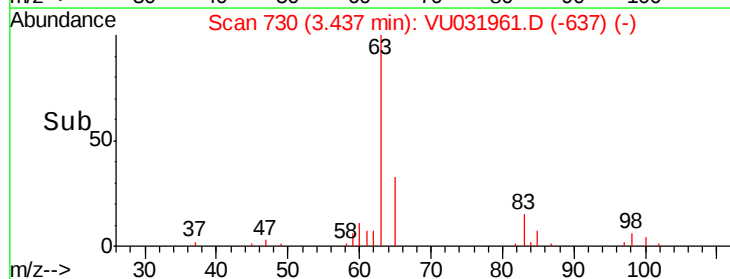
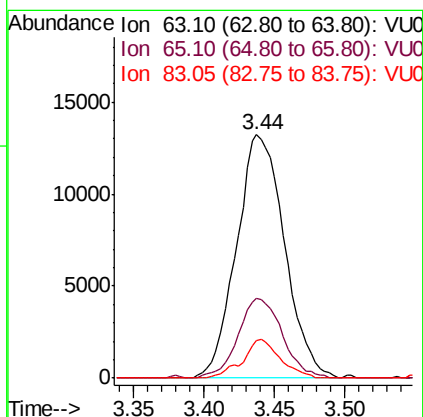
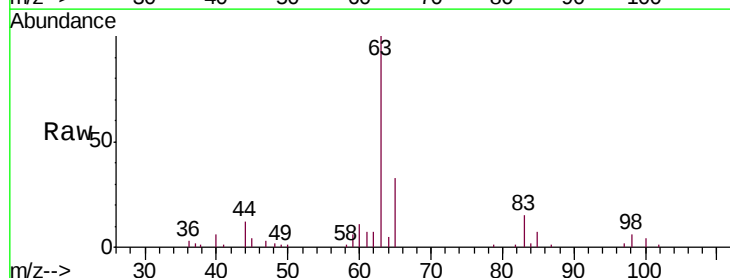
Instrument :
MSVOA_U
ClientSampleId :
F9D53DL

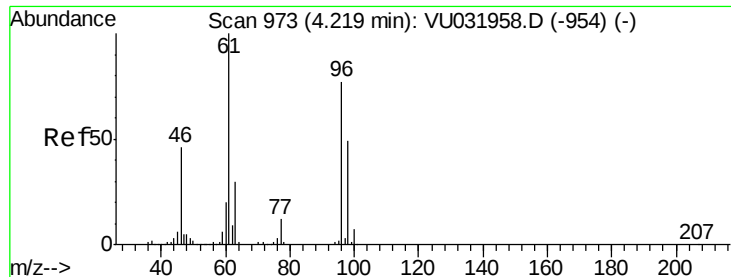
Tgt Ion: 43 Resp: 66605
Ion Ratio Lower Upper
43 100
74 0.1 14.7 22.1#



#19
1,1-Dichloroethane
Concen: 0.369 ug/L
RT: 3.44 min Scan# 730
Delta R.T. 0.00 min
Lab File: VU031961.D
Acq: 13 May 2019 10:50

Tgt Ion: 63 Resp: 31496
Ion Ratio Lower Upper
63 100
65 32.7 21.8 40.4
83 15.4 7.9 14.7#



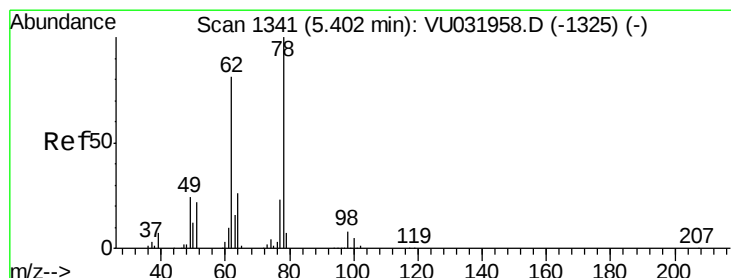
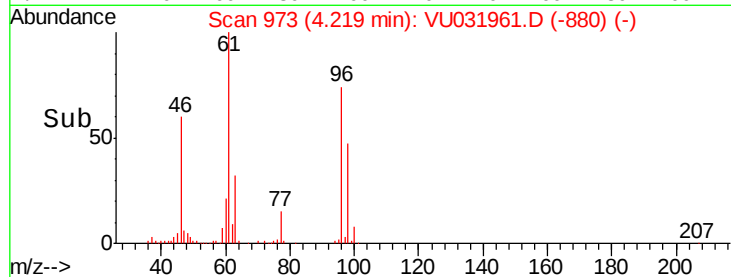
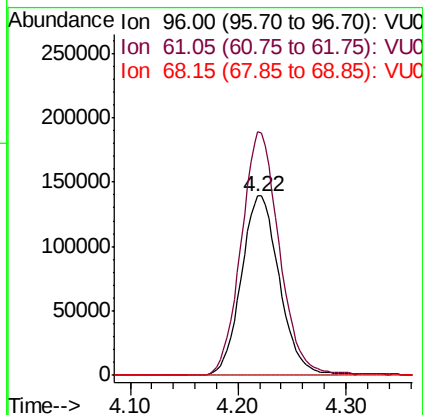
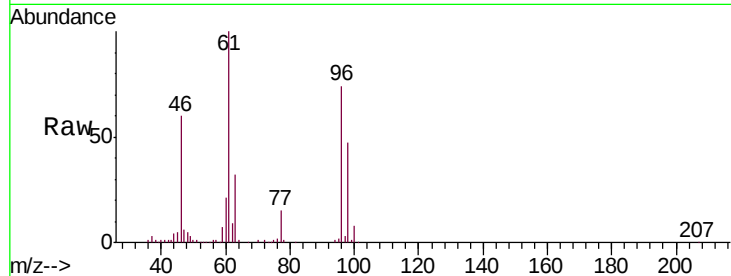


#22

cis-1,2-Dichloroethene
Concen: 8.210 ug/L
RT: 4.22 min Scan# 973
Delta R.T. 0.00 min
Lab File: VU031961.D
Acq: 13 May 2019 10:50

Instrument :
MSVOA_U
ClientSampleId :
F9D53DL

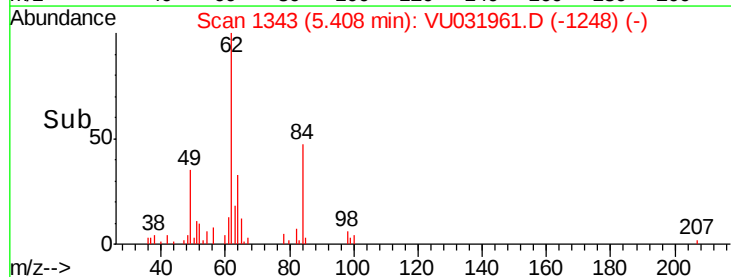
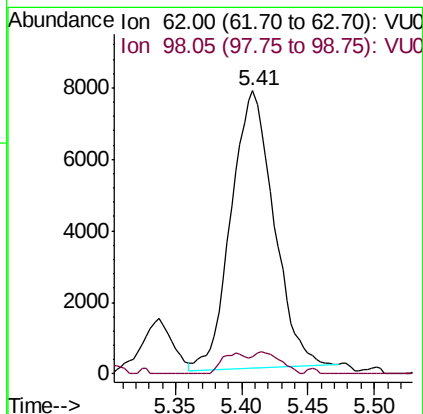
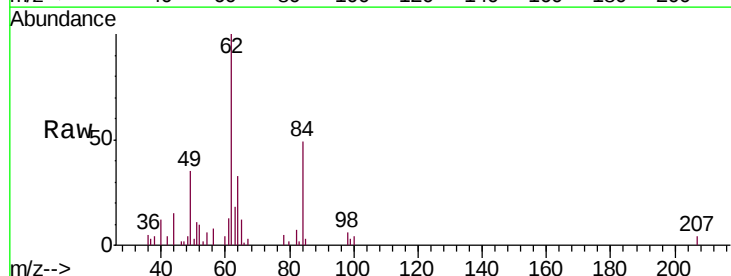
Tgt Ion: 96 Resp: 342012
Ion Ratio Lower Upper
96 100
61 135.7 113.3 210.5
68 0.0 0.0 0.0

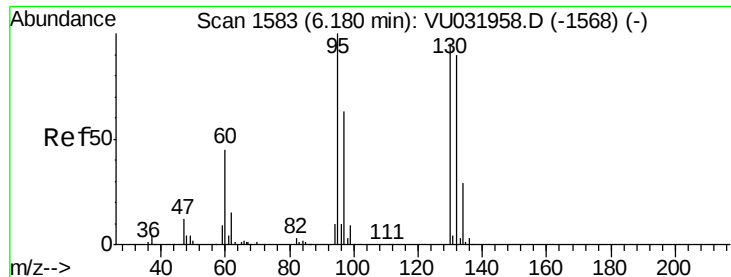


#27

1,2-Dichloroethane
Concen: 0.314 ug/L
RT: 5.41 min Scan# 1343
Delta R.T. 0.01 min
Lab File: VU031961.D
Acq: 13 May 2019 10:50

Tgt Ion: 62 Resp: 17423
Ion Ratio Lower Upper
62 100
98 6.1 5.4 8.2

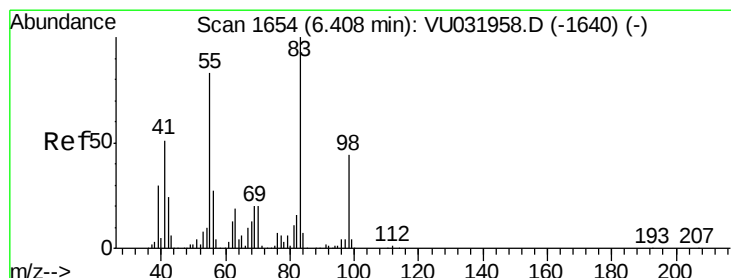
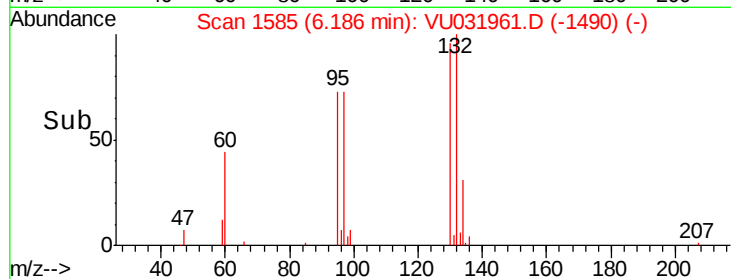
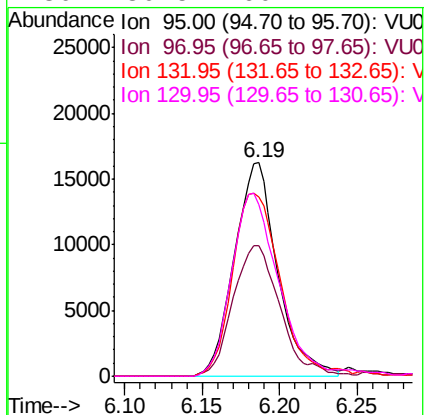
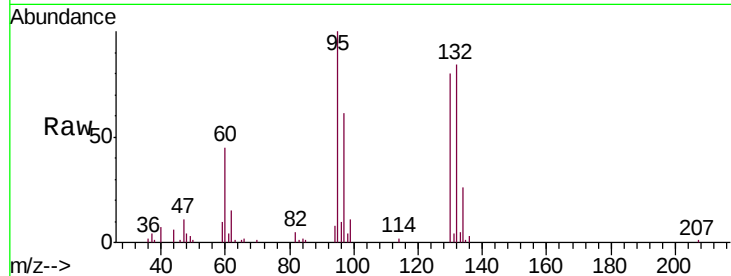




#34
 Trichloroethene
 Concen: 0.738 ug/L
 RT: 6.19 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: VU031961.D
 Acq: 13 May 2019 10:50

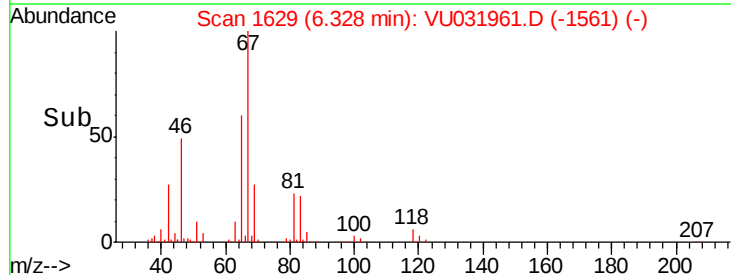
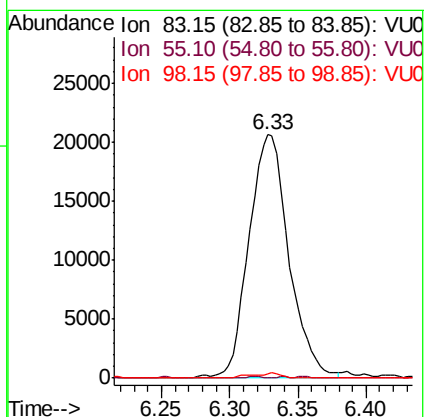
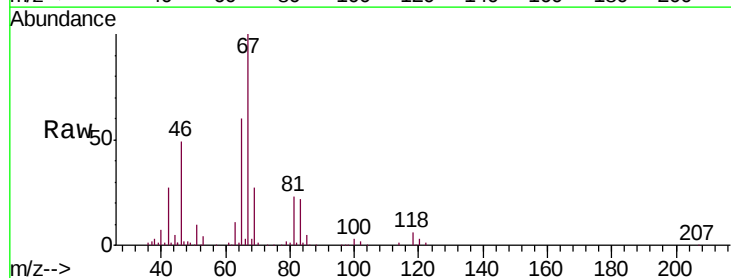
Instrument :
 MSVOA_U
 ClientSampleId :
 F9D53DL

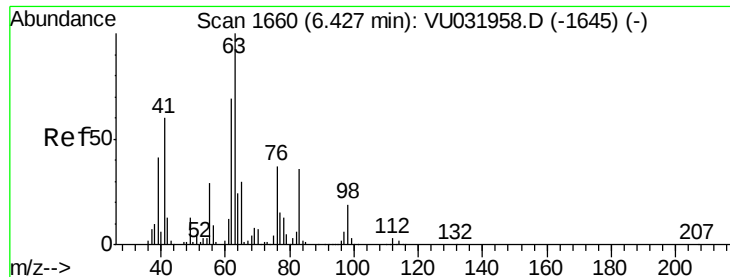
Tgt Ion: 95 Resp: 31670
 Ion Ratio Lower Upper
 95 100
 97 60.9 45.8 85.2
 132 83.7 56.0 104.0
 130 80.5 60.4 112.2



#35
 Methylcyclohexane
 Concen: 0.681 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.08 min
 Lab File: VU031961.D
 Acq: 13 May 2019 10:50

Tgt Ion: 83 Resp: 41965
 Ion Ratio Lower Upper
 83 100
 55 0.1 79.2 118.8#
 98 0.7 34.0 51.0#

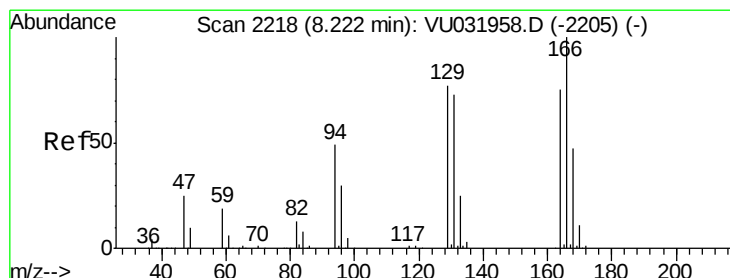
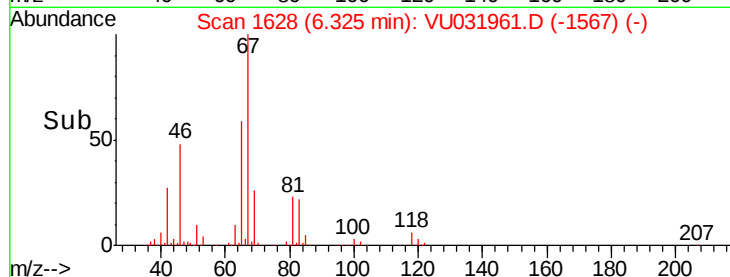
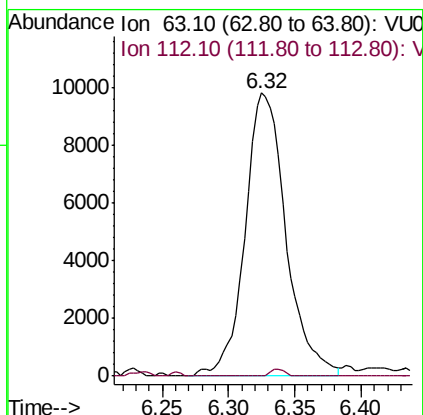
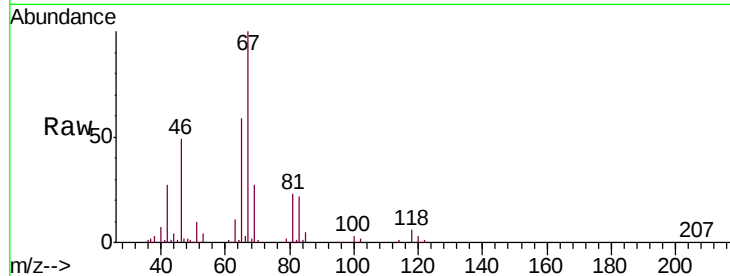




#37
 1,2-Dichloropropane
 Concen: 0.433 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU031961.D
 Acq: 13 May 2019 10:50

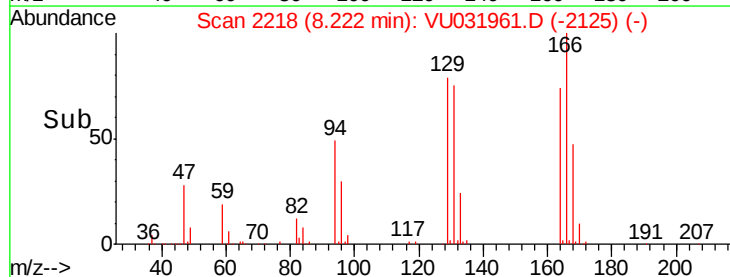
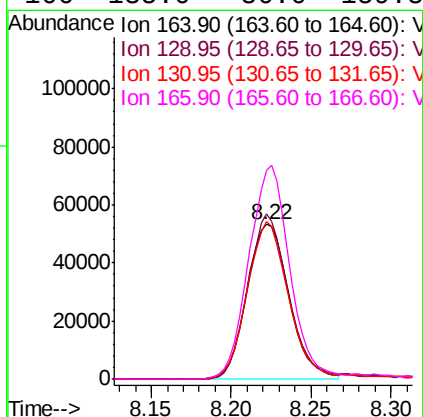
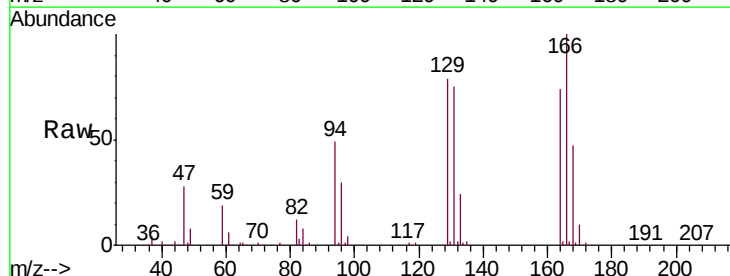
Instrument :
 MSVOA_U
 ClientSampleId :
 F9D53DL

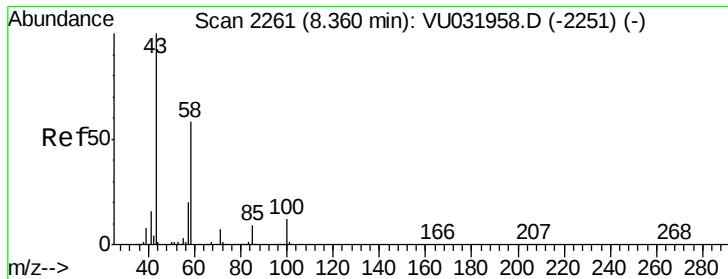
Tgt Ion: 63 Resp: 21107
 Ion Ratio Lower Upper
 63 100
 112 0.8 2.5 3.7#



#47
 Tetrachloroethene
 Concen: 3.462 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VU031961.D
 Acq: 13 May 2019 10:50

Tgt Ion: 164 Resp: 96631
 Ion Ratio Lower Upper
 164 100
 129 106.5 70.3 130.5
 131 101.3 65.4 121.4
 166 135.0 86.0 159.8

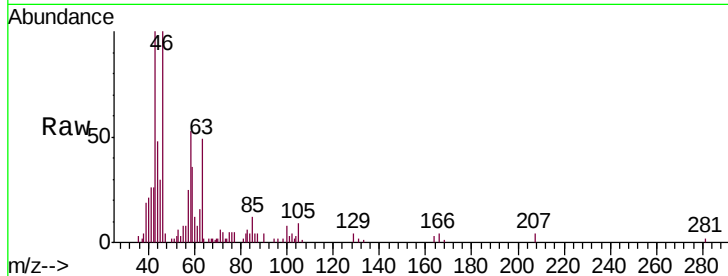




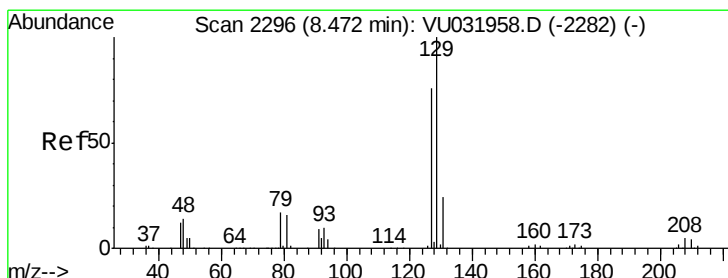
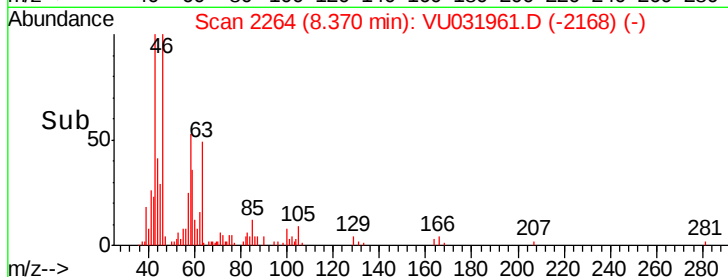
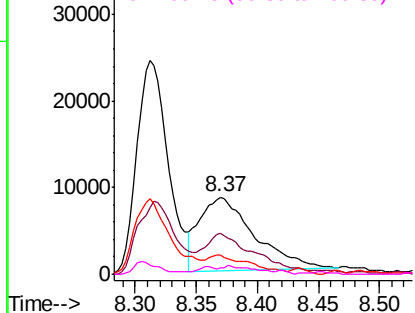
#48
2-Hexanone
Concen: 1.127 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU031961.D
Acq: 13 May 2019 10:50

Instrument :
MSVOA_U
ClientSampleId :
F9D53DL

Tgt Ion: 43 Resp: 26271
Ion Ratio Lower Upper
43 100
58 49.3 40.2 60.2
57 18.6 13.8 20.6
100 6.7 6.4 9.6

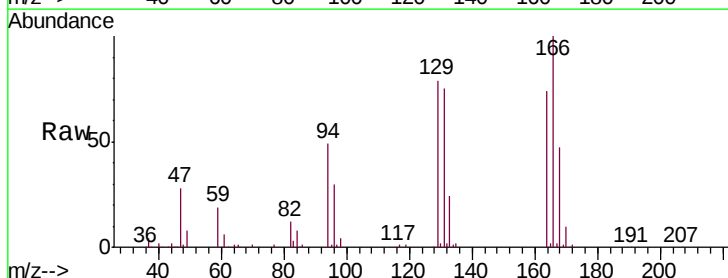


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0

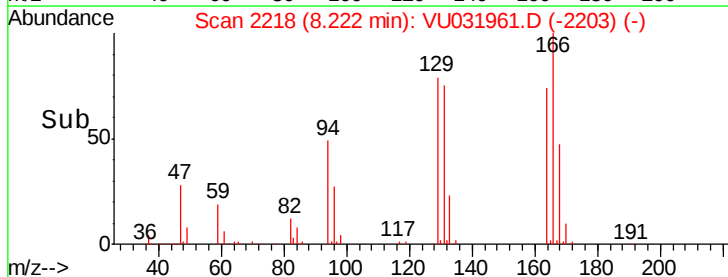
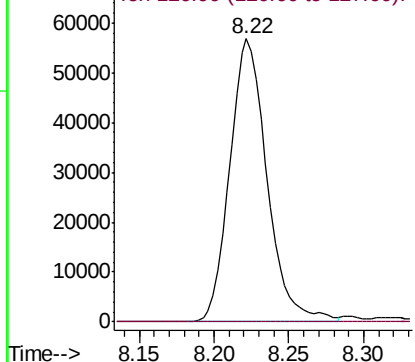


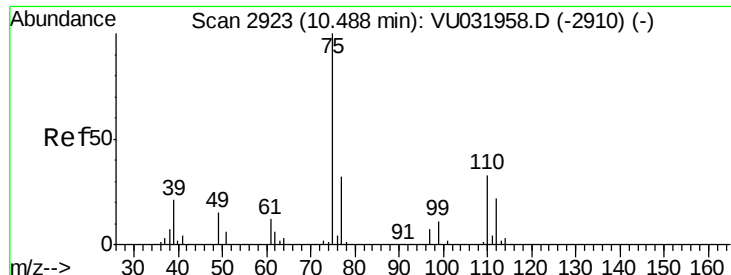
#49
Dibromochloromethane
Concen: 2.937 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU031961.D
Acq: 13 May 2019 10:50

Tgt Ion: 129 Resp: 98631
Ion Ratio Lower Upper
129 100
127 0.4 54.7 101.7#



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: 0.816 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031961.D

Acq: 13 May 2019 10:50

Instrument :

MSVOA_U

ClientSampleId :

F9D53DL

Tgt Ion: 75 Resp: 23526

Ion Ratio Lower Upper

75 100

77 37.7 26.3 39.5

