

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041919\
 Data File : VU031348.D
 Acq On : 19 Apr 2019 09:43
 Operator : JC/SP
 Sample : K2428-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X27

Quant Time: Apr 20 05:41:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 20 05:39:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	184556	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	189859	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	69358	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	90767	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.68	69	76157	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.27	63	134609	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	4.20	46	263735	66.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	132.62%#
24) Chloroform-d	4.64	84	139499	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
26) 1,2-Dichloroethane-d4	5.31	65	69985	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.34	84	232962	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.33	67	78813	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.56	98	197286	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	7.85	79	26318	3.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.00%
46) 2-Hexanone-d5	8.31	63	138819	45.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.16%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	86781	6.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	124.40%#
64) 1,2-Dichlorobenzene-d4	11.86	152	69738	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

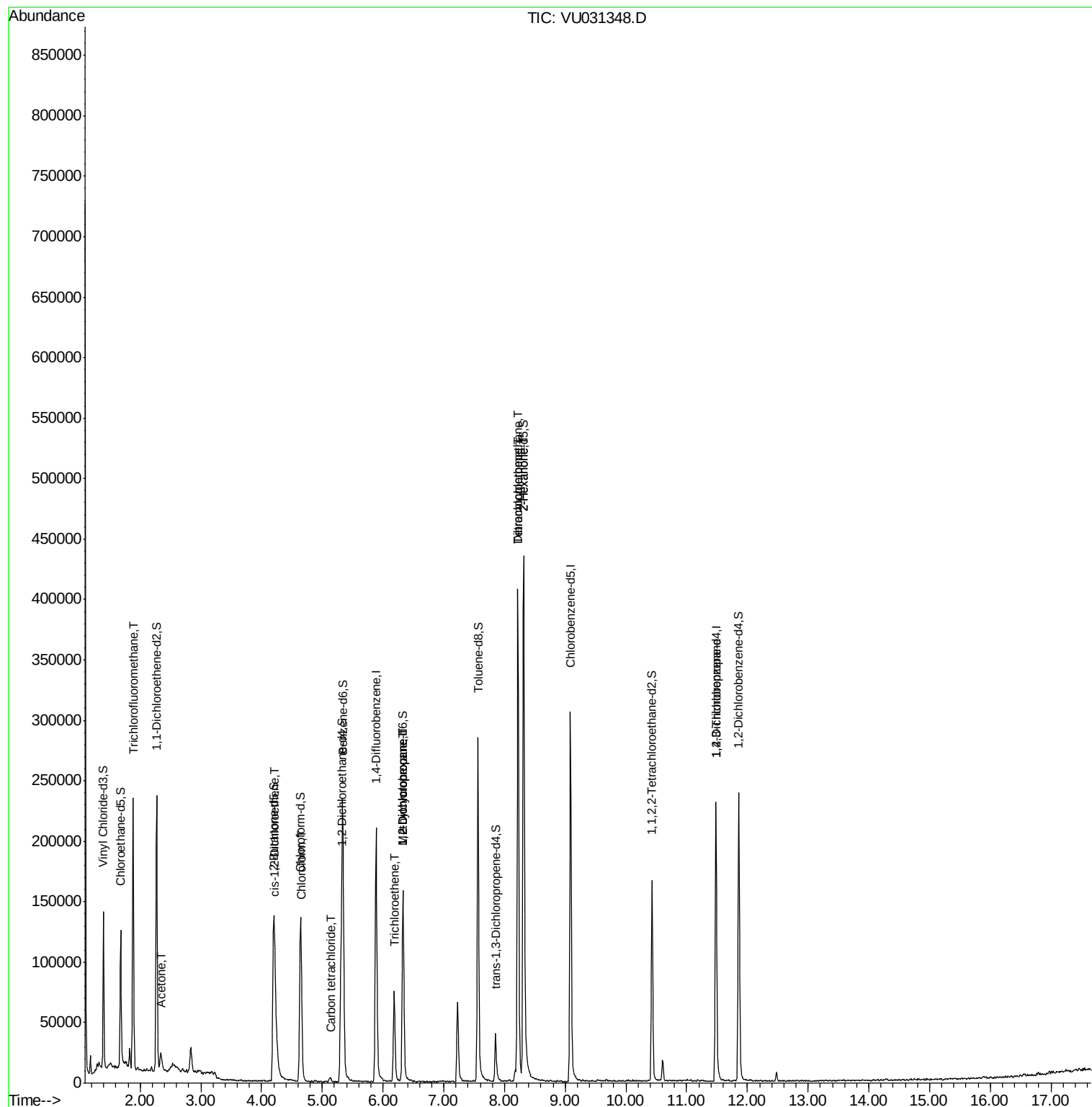
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Trichlorofluoromethane	1.88	101	140013	3.804	ug/L	100
13) Acetone	2.34	43	13185	2.979	ug/L	69
22) cis-1,2-Dichloroethene	4.23	96	2387	0.148	ug/L	69
25) Chloroform	4.66	83	3940	0.137	ug/L	82
31) Carbon tetrachloride	5.13	117	3024	0.132	ug/L #	63
34) Trichloroethene	6.18	95	27269	1.565	ug/L	92
35) Methylcyclohexane	6.33	83	18627	0.776	ug/L #	14
37) 1,2-Dichloropropane	6.32	63	8236	0.485	ug/L #	87
47) Tetrachloroethene	8.22	164	99298	7.651	ug/L	98
48) 2-Hexanone	8.31	43	19174	2.477	ug/L #	69
49) Dibromochloromethane	8.22	129	92023	6.354	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	7941	0.716	ug/L	98

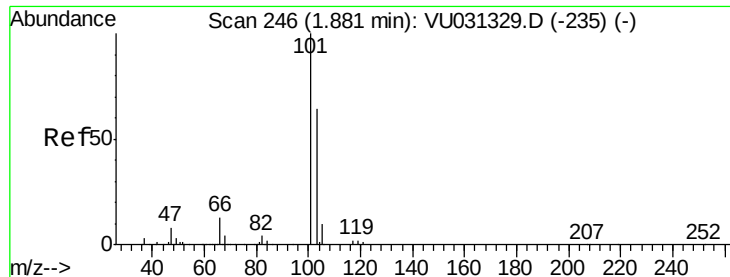
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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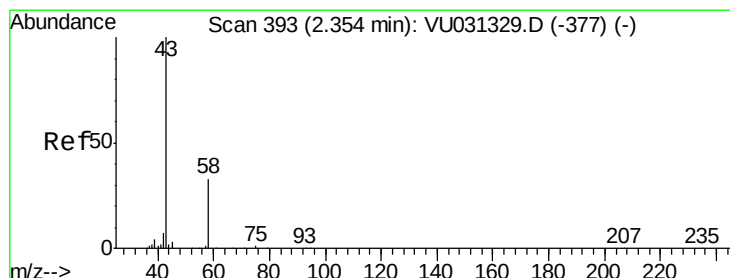
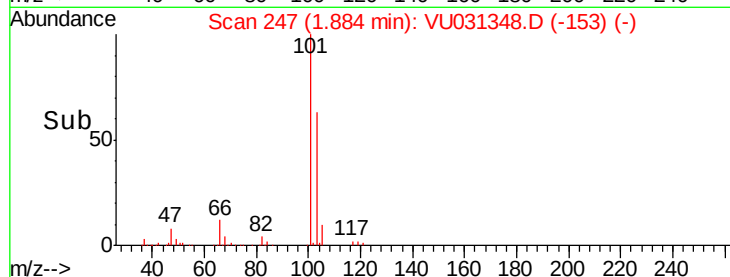
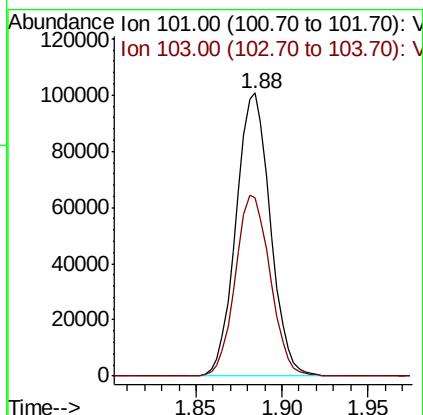
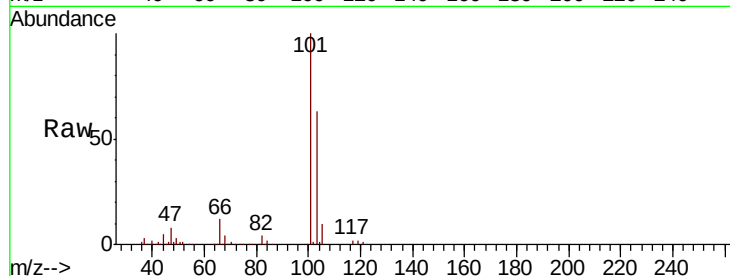


#9

Trichlorofluoromethane
 Concen: 3.804 ug/L
 RT: 1.88 min Scan# 247
 Delta R.T. 0.00 min
 Lab File: VU031348.D
 Acq: 19 Apr 2019 09:43

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X27

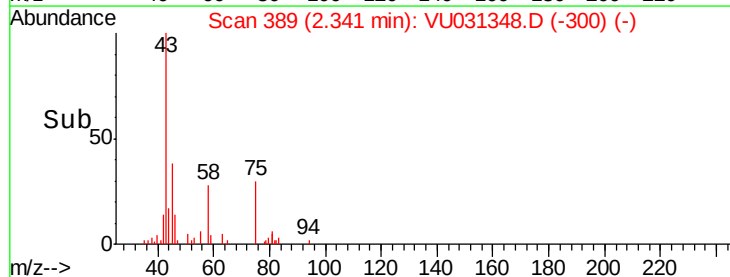
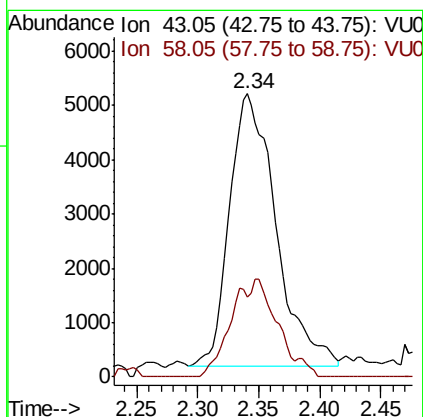
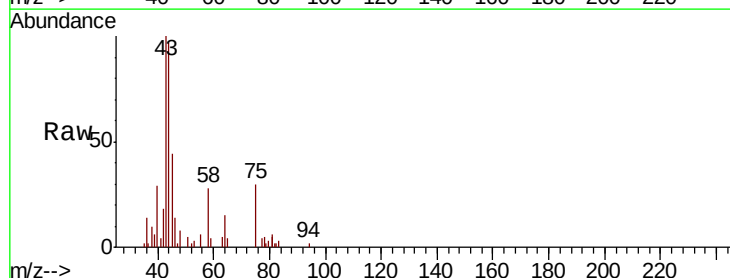
Tgt Ion: 101 Resp: 140013
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.3 78.5

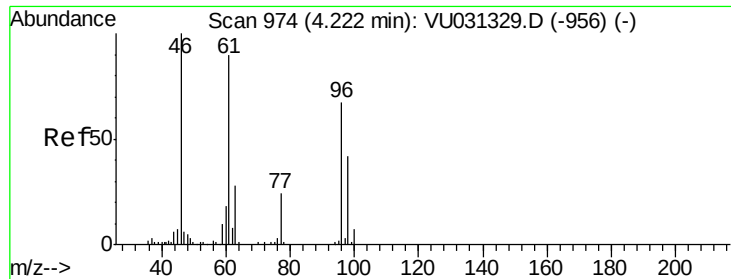


#13

Acetone
 Concen: 2.979 ug/L
 RT: 2.34 min Scan# 389
 Delta R.T. -0.01 min
 Lab File: VU031348.D
 Acq: 19 Apr 2019 09:43

Tgt Ion: 43 Resp: 13185
 Ion Ratio Lower Upper
 43 100
 58 15.0 0.0 64.4



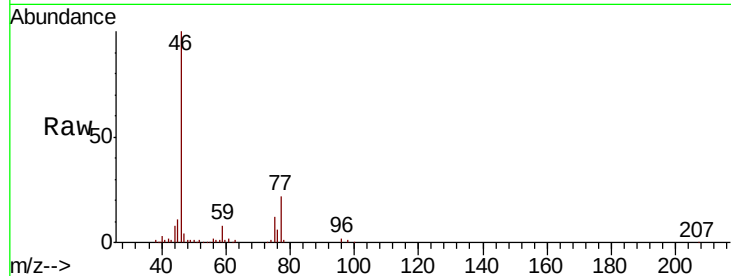


#22

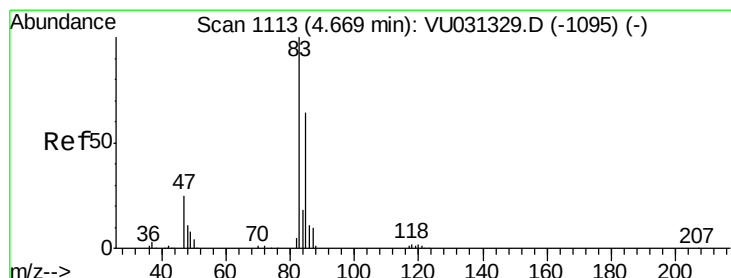
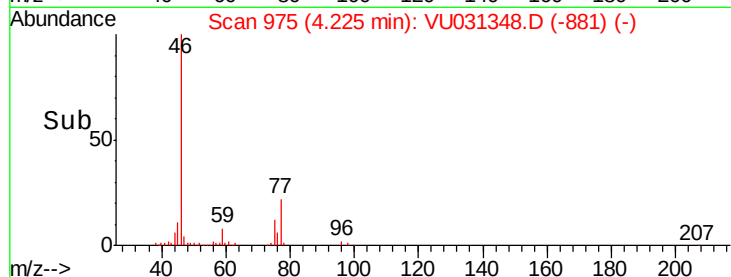
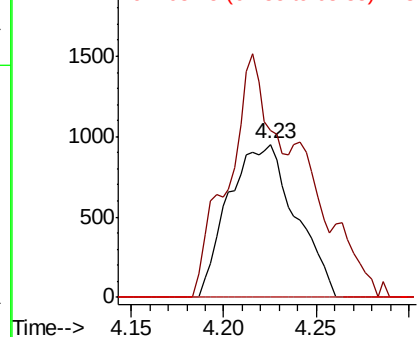
cis-1,2-Dichloroethene
 Concen: 0.148 ug/L
 RT: 4.23 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: VU031348.D
 Acq: 19 Apr 2019 09:43

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X27

Tgt Ion: 96 Resp: 2387
 Ion Ratio Lower Upper
 96 100
 61 109.1 103.5 192.1
 68 0.0 0.0 0.0



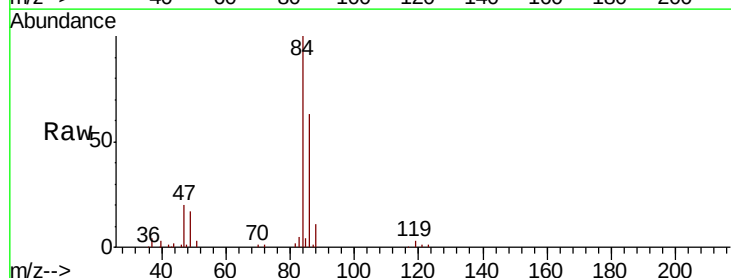
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



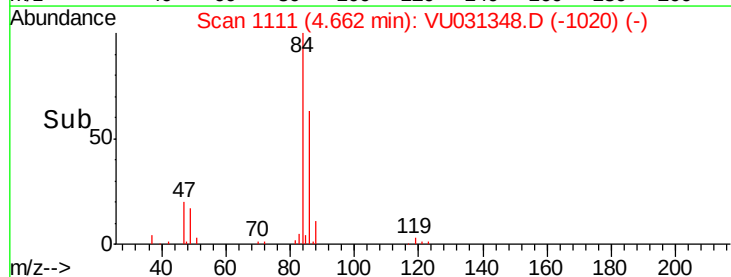
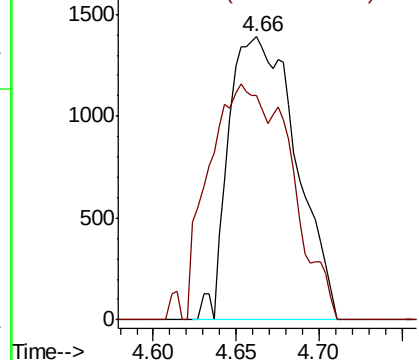
#25

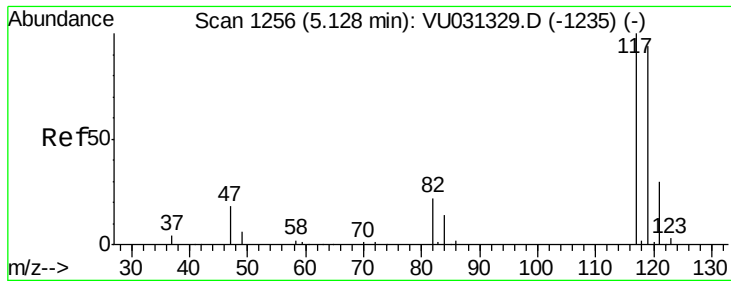
Chloroform
 Concen: 0.137 ug/L
 RT: 4.66 min Scan# 1111
 Delta R.T. -0.01 min
 Lab File: VU031348.D
 Acq: 19 Apr 2019 09:43

Tgt Ion: 83 Resp: 3940
 Ion Ratio Lower Upper
 83 100
 85 79.4 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU0
 Ion 85.00 (84.70 to 85.70): VU0





#31

Carbon tetrachloride

Concen: 0.132 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. -0.00 min

Lab File: VU031348.D

Acq: 19 Apr 2019 09:43

Instrument :

MSVOA_U

ClientSampleId :

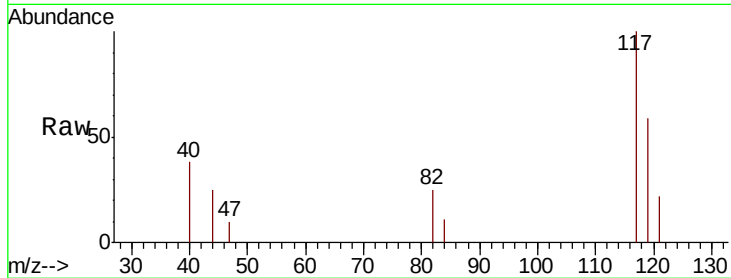
C0X27

Tgt Ion: 117 Resp: 3024

Ion Ratio Lower Upper

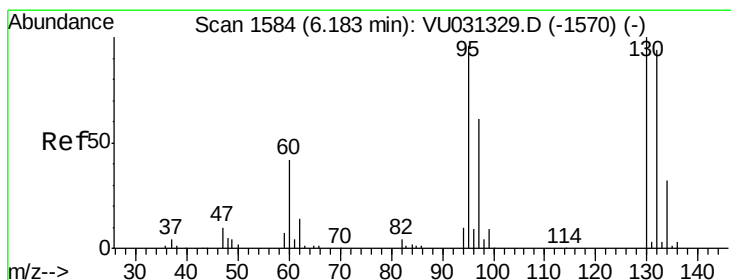
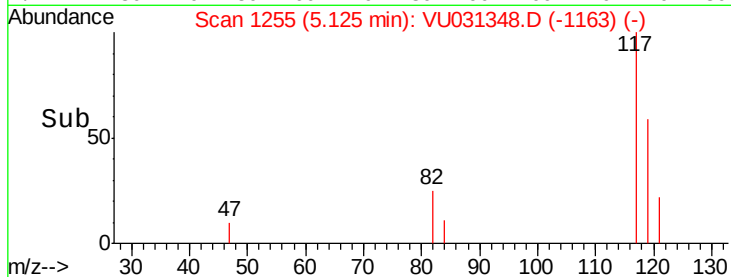
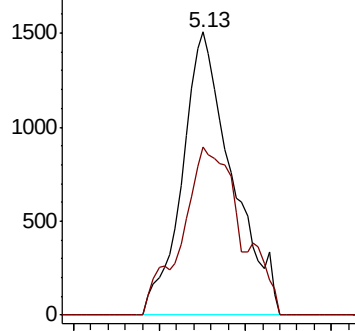
117 100

119 62.5 79.6 119.4#



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 1.565 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU031348.D

Acq: 19 Apr 2019 09:43

Tgt Ion: 95 Resp: 27269

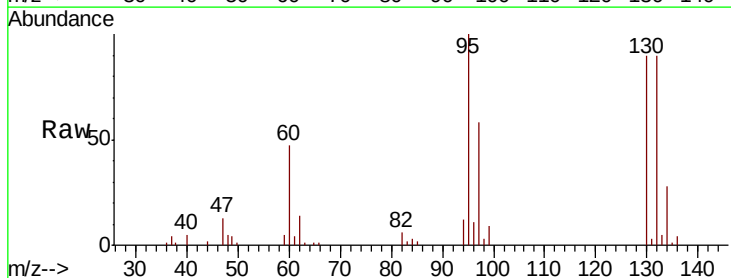
Ion Ratio Lower Upper

95 100

97 58.3 46.8 86.8

132 90.2 65.8 122.2

130 89.7 69.5 129.1

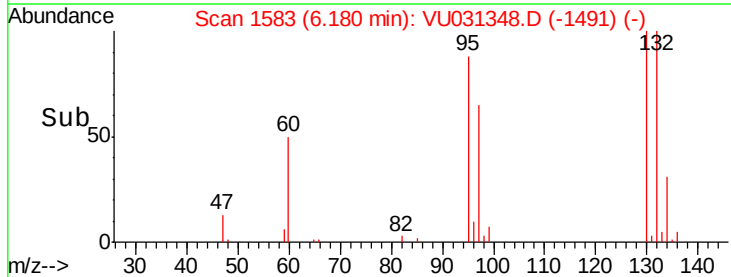
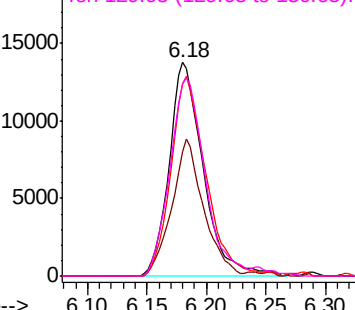


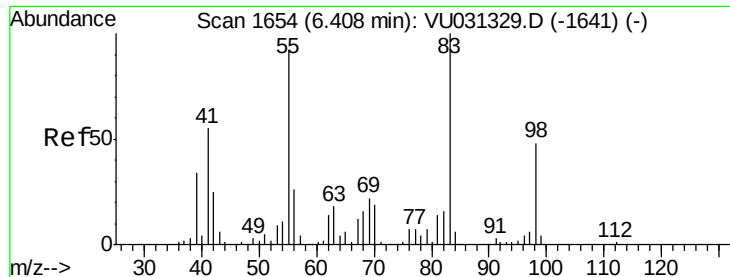
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

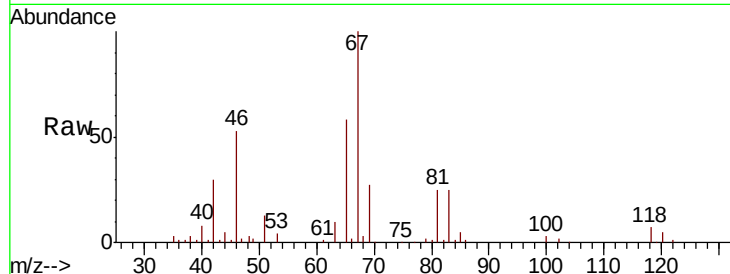




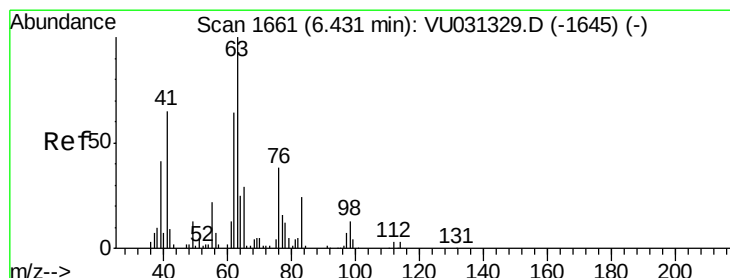
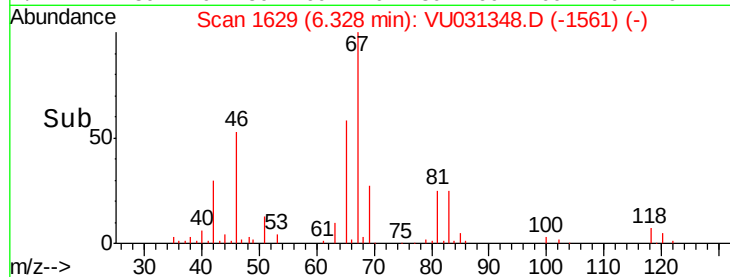
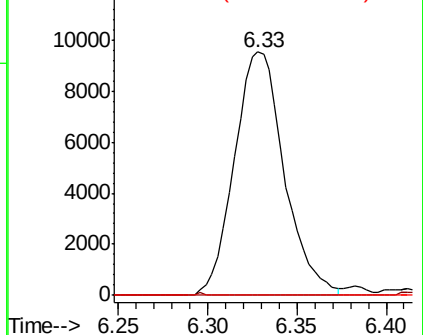
#35
Methylcyclohexane
Concen: 0.776 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU031348.D
Acq: 19 Apr 2019 09:43

Instrument :
MSVOA_U
ClientSampled :
C0X27

Tgt Ion: 83 Resp: 18627
Ion Ratio Lower Upper
83 100
55 0.1 70.6 105.8#
98 0.0 37.0 55.4#

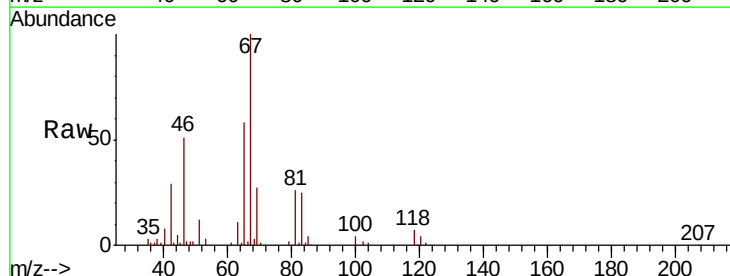


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

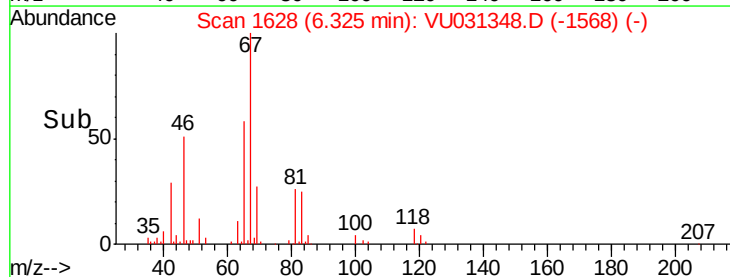
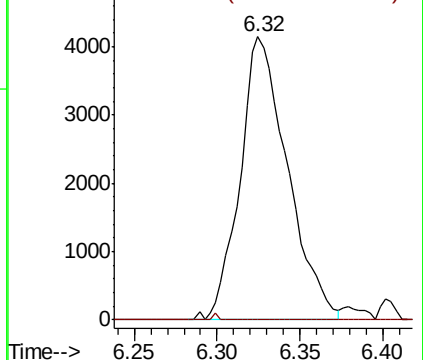


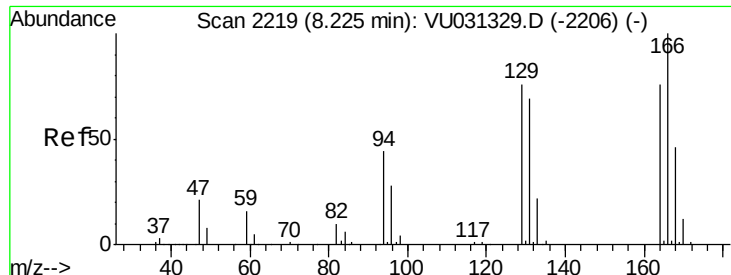
#37
1,2-Dichloropropane
Concen: 0.485 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.11 min
Lab File: VU031348.D
Acq: 19 Apr 2019 09:43

Tgt Ion: 63 Resp: 8236
Ion Ratio Lower Upper
63 100
112 0.2 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

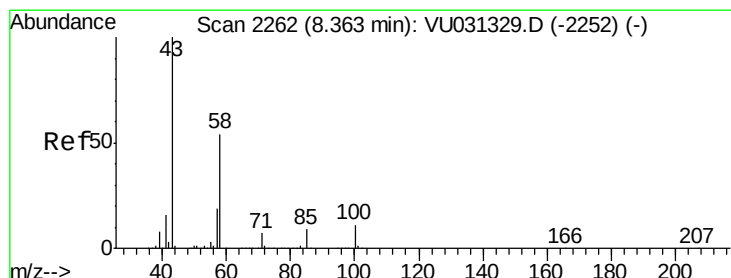
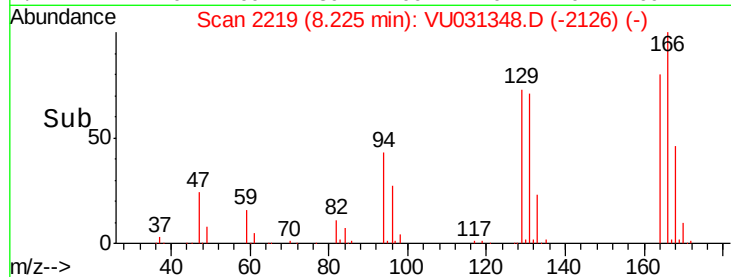
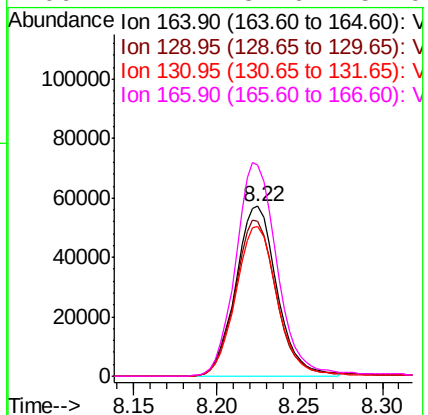
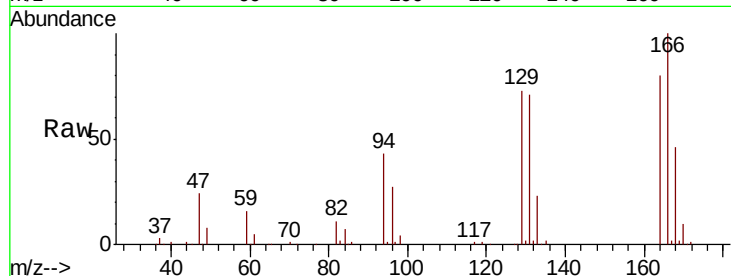




#47
Tetrachloroethene
Concen: 7.651 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU031348.D
Acq: 19 Apr 2019 09:43

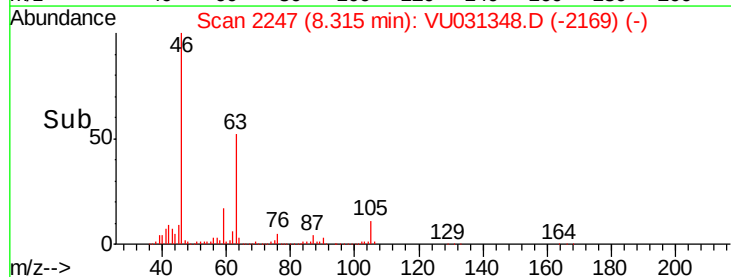
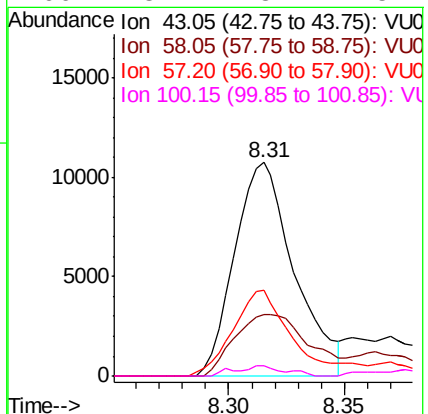
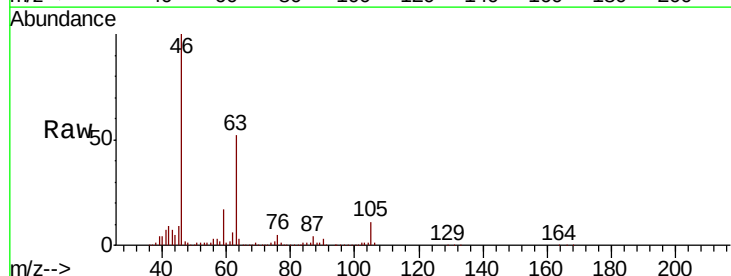
Instrument :
MSVOA_U
ClientSampleId :
C0X27

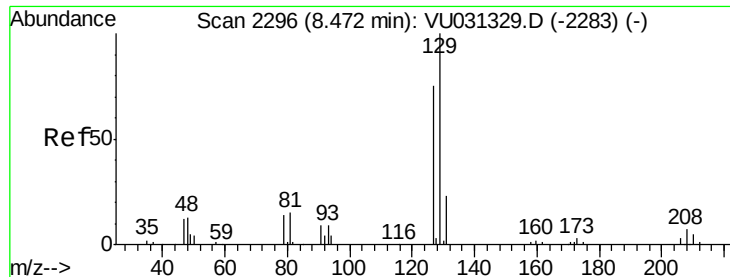
Tgt Ion:164 Resp: 99298
Ion Ratio Lower Upper
164 100
129 91.1 61.9 114.9
131 88.0 61.5 114.3
166 124.4 84.6 157.0



#48
2-Hexanone
Concen: 2.477 ug/L
RT: 8.31 min Scan# 2247
Delta R.T. -0.05 min
Lab File: VU031348.D
Acq: 19 Apr 2019 09:43

Tgt Ion: 43 Resp: 19174
Ion Ratio Lower Upper
43 100
58 36.2 45.0 67.6#
57 40.7 15.5 23.3#
100 3.1 8.7 13.1#





#49

Dibromochloromethane

Concen: 6.354 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.25 min

Lab File: VU031348.D

Acq: 19 Apr 2019 09:43

Instrument :

MSVOA_U

ClientSampleId :

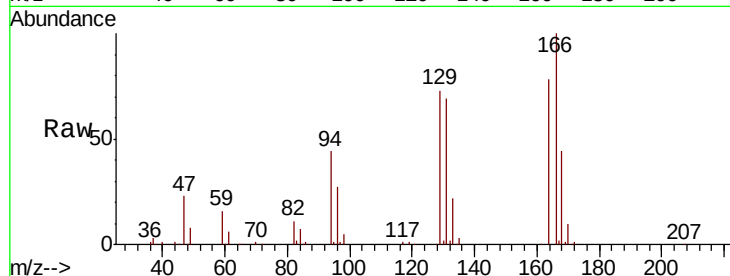
C0X27

Tgt Ion:129 Resp: 92023

Ion Ratio Lower Upper

129 100

127 0.0 53.3 99.1#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.22

60000

50000

40000

30000

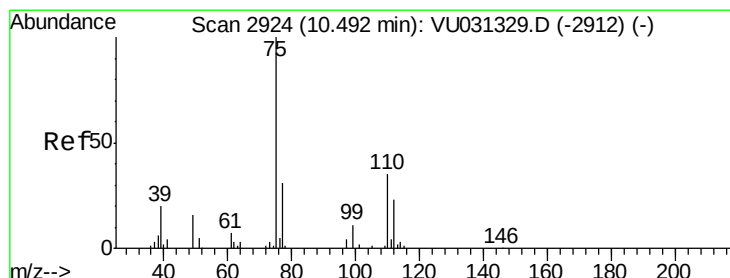
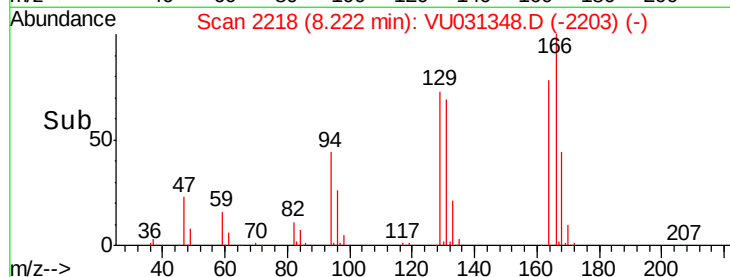
20000

10000

0

8.15 8.20 8.25 8.30

Time-->



#59

1,2,3-Trichloropropane

Concen: 0.716 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031348.D

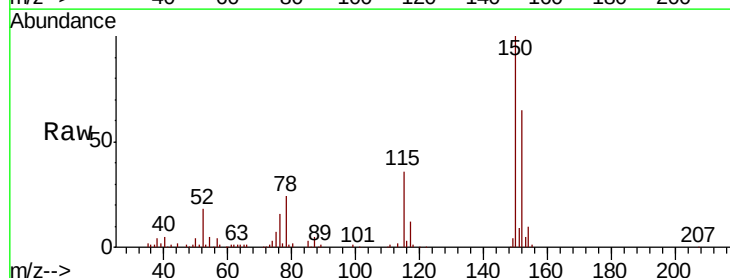
Acq: 19 Apr 2019 09:43

Tgt Ion: 75 Resp: 7941

Ion Ratio Lower Upper

75 100

77 32.5 27.0 40.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.48

5000

4000

3000

2000

1000

0

11.45 11.50

Time-->

