

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111418\
 Data File : VU028133.D
 Acq On : 14 Nov 2018 20:10
 Operator : MD/SY
 Sample : J5948-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9C31

Quant Time: Nov 15 04:30:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 15 04:25:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	135573	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	126827	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	58338	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	50670	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.68	69	42140	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.28	63	72021	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	4.19	46	171398	52.53	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.06%
24) Chloroform-d	4.65	84	86567	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.31	65	49722	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.34	84	178588	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.33	67	65360	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.57	98	159091	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	7.85	79	20090	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.31	63	135042	50.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.78%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	43255	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	53581	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

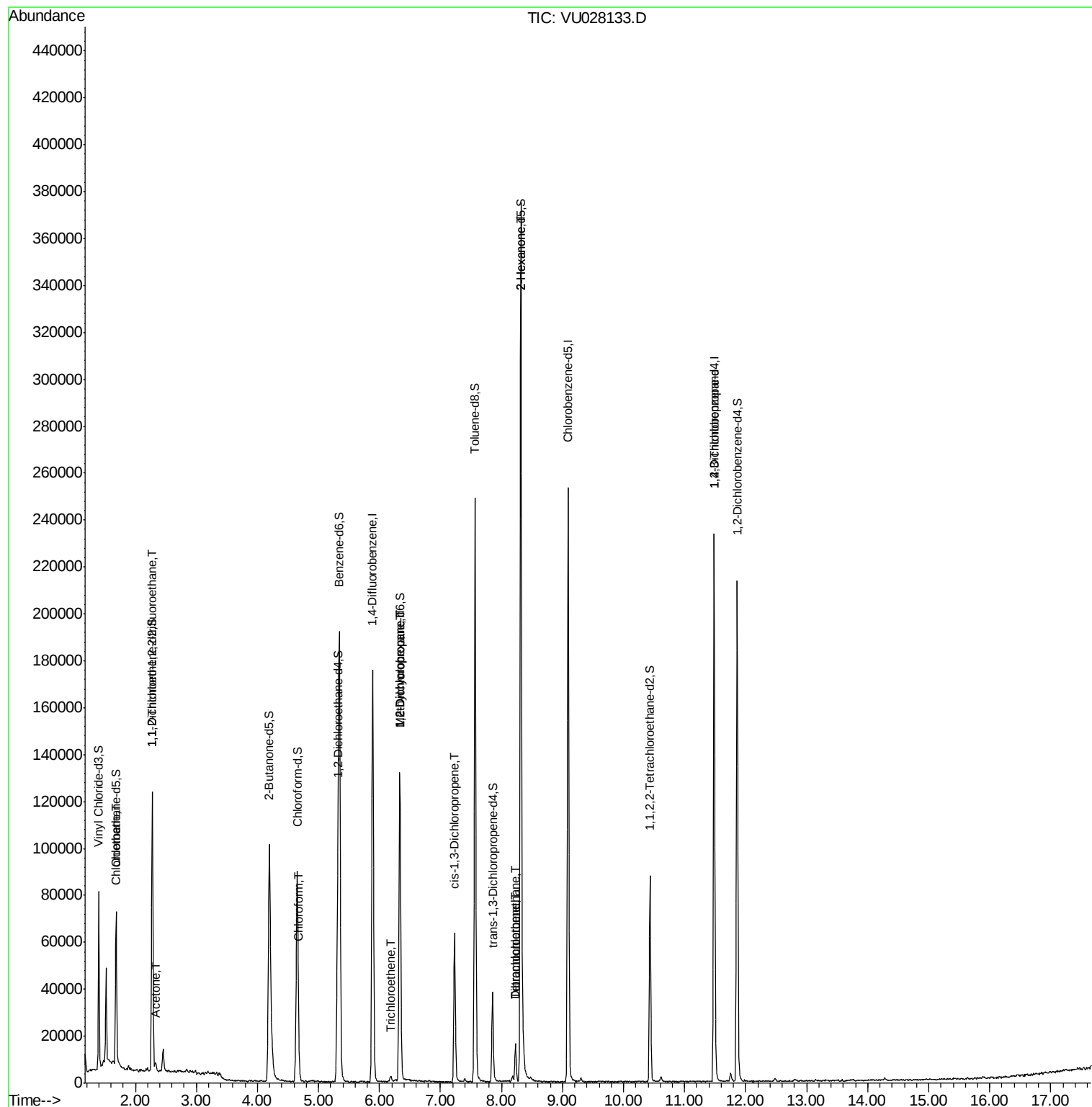
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.70	64	1004	0.115	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	584	0.066	ug/L #	20
13) Acetone	2.33	43	2756	1.254	ug/L	95
25) Chloroform	4.68	83	3423	0.189	ug/L	100
34) Trichloroethene	6.19	95	650	0.062	ug/L	91
35) Methylcyclohexane	6.33	83	13230	0.729	ug/L #	16
37) 1,2-Dichloropropane	6.33	63	6631	0.561	ug/L #	92
39) cis-1,3-Dichloropropene	7.23	75	1381	0.086	ug/L #	56
47) Tetrachloroethene	8.23	164	3259	0.380	ug/L	98
48) 2-Hexanone	8.31	43	15052	2.600	ug/L #	68
49) Dibromochloromethane	8.23	129	3225	0.425	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	8437	1.271	ug/L	98

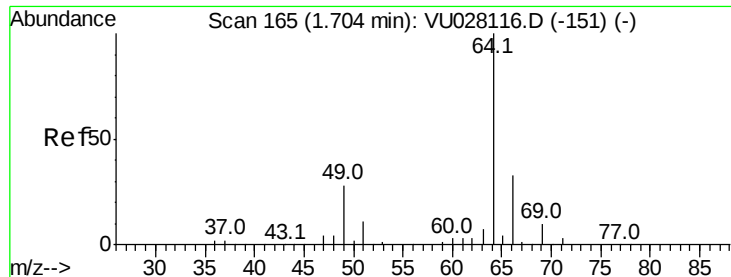
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.115 ug/L

RT: 1.70 min Scan# 163

Delta R.T. -0.01 min

Lab File: VU028133.D

Acq: 14 Nov 2018 20:10

Instrument :

MSVOA_U

ClientSampleId :

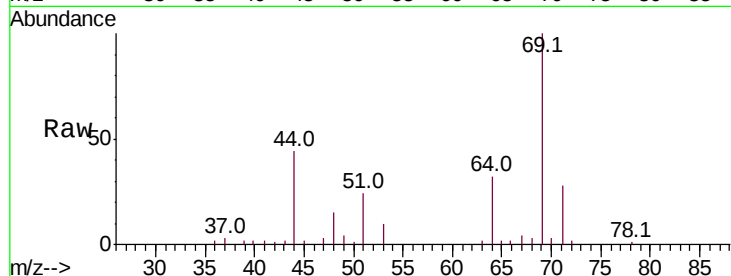
F9C31

Tot Ion: 64 Resp: 1004

Ion Ratio Lower Upper

64 100

66 5.4 23.1 42.9#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0

1.70

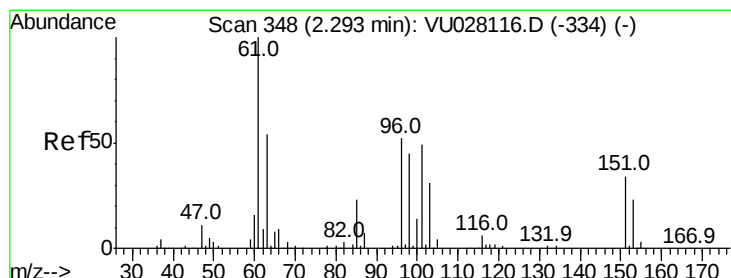
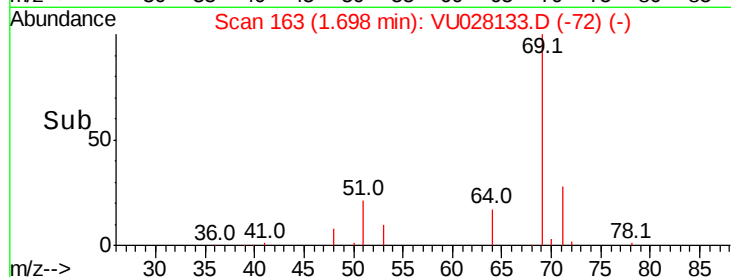
3000

2000

1000

0

Time-->



#10

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

Concen: 0.066 ug/L

RT: 2.28 min Scan# 344

Delta R.T. -0.01 min

Lab File: VU028133.D

Acq: 14 Nov 2018 20:10

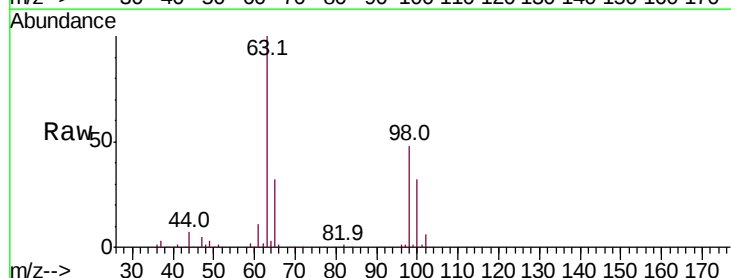
Tgt Ion: 101 Resp: 584

Ion Ratio Lower Upper

101 100

85 0.0 37.6 56.4#

151 0.0 58.2 87.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

500

400

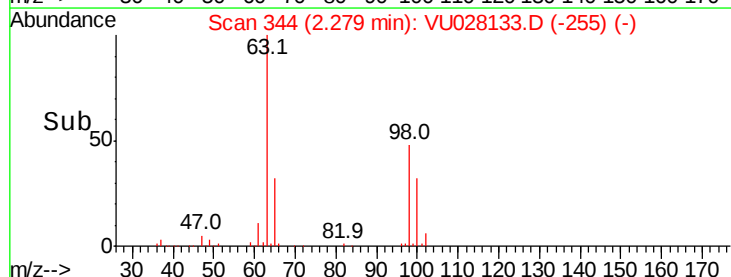
300

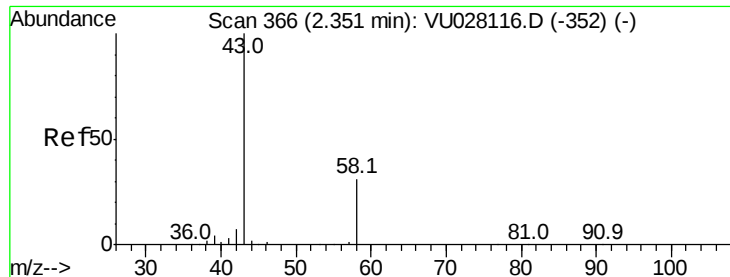
200

100

0

Time-->





#13

Acetone

Concen: 1.254 ug/L

RT: 2.33 min Scan# 359

Delta R.T. -0.02 min

Lab File: VU028133.D

Acq: 14 Nov 2018 20:10

Instrument :

MSVOA_U

ClientSampleId :

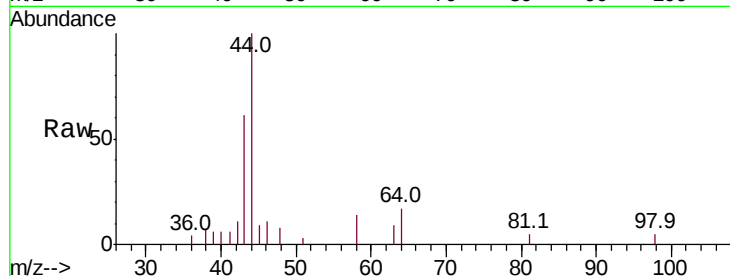
F9C31

Tot Ion: 43 Resp: 2756

Ion Ratio Lower Upper

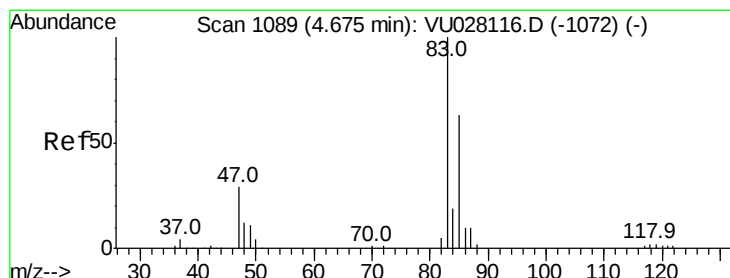
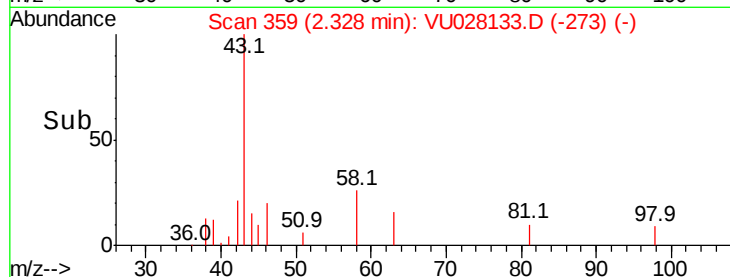
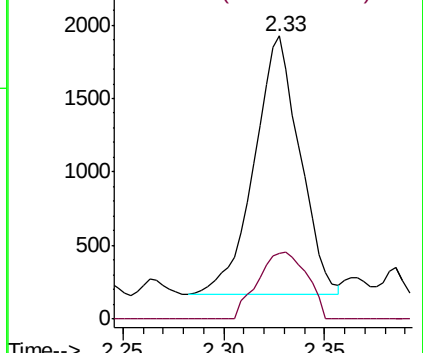
43 100

58 27.9 0.0 61.6



Abundance Ion 43.05 (42.75 to 43.75): VU028116.D (-352) (-)

Ion 58.05 (57.75 to 58.75): VU028116.D (-352) (-)



#25

Chloroform

Concen: 0.189 ug/L

RT: 4.68 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VU028133.D

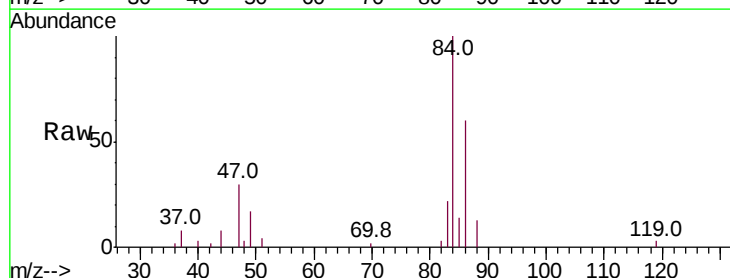
Acq: 14 Nov 2018 20:10

Tgt Ion: 83 Resp: 3423

Ion Ratio Lower Upper

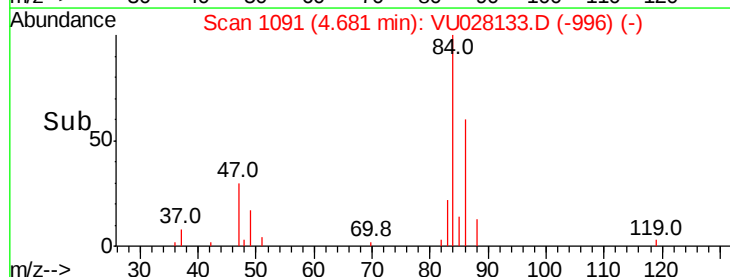
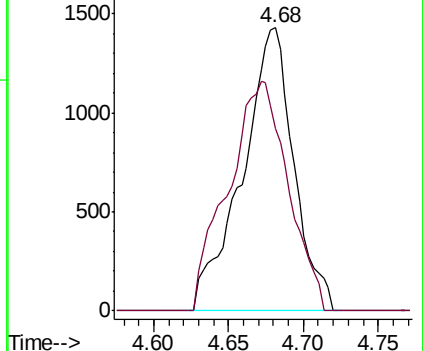
83 100

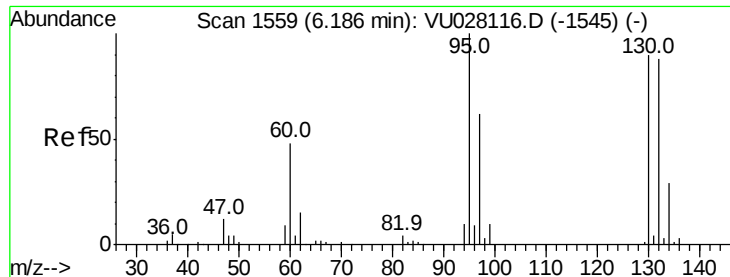
85 64.5 45.0 83.6



Abundance Ion 83.05 (82.75 to 83.75): VU028116.D (-1072) (-)

Ion 85.00 (84.70 to 85.70): VU028116.D (-1072) (-)





#34

Trichloroethene

Concen: 0.062 ug/L

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU028133.D

Acq: 14 Nov 2018 20:10

Instrument :

MSVOA_U

ClientSampleId :

F9C31

Tot Ion: 95 Resp: 650

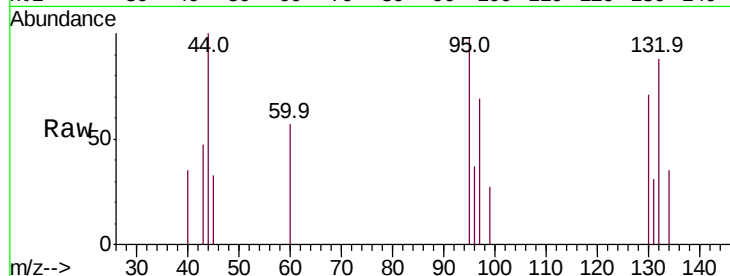
Ion Ratio Lower Upper

95 100

97 70.5 45.3 84.1

132 90.0 63.0 117.0

130 71.9 63.6 118.2

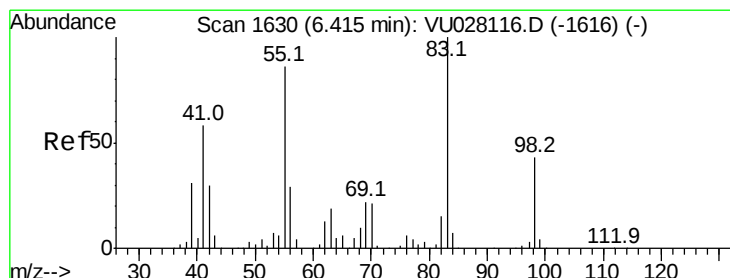
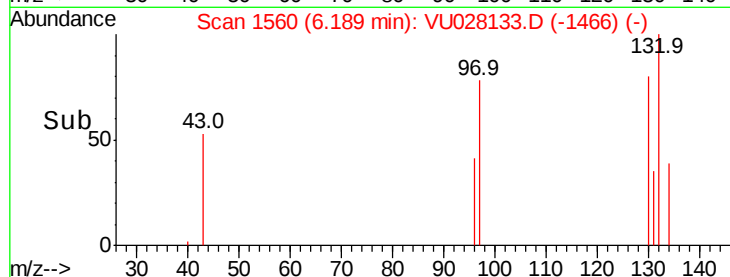
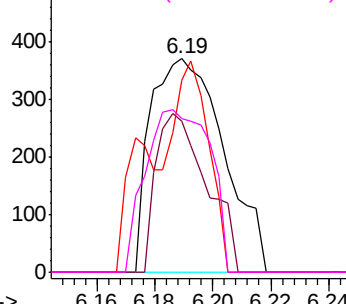


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.729 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.08 min

Lab File: VU028133.D

Acq: 14 Nov 2018 20:10

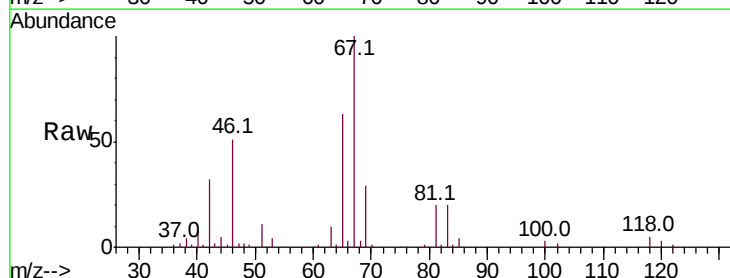
Tgt Ion: 83 Resp: 13230

Ion Ratio Lower Upper

83 100

55 0.8 69.0 103.4#

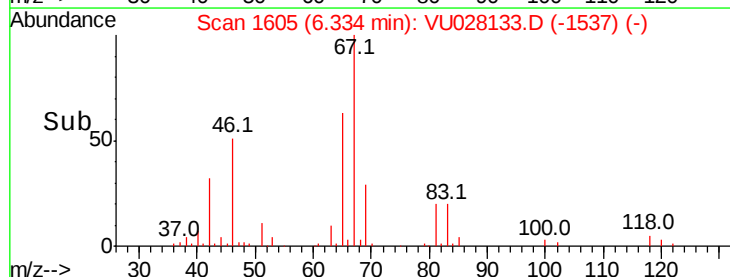
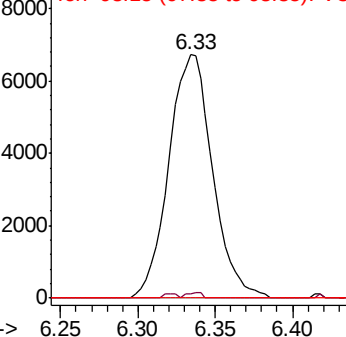
98 0.0 33.3 49.9#

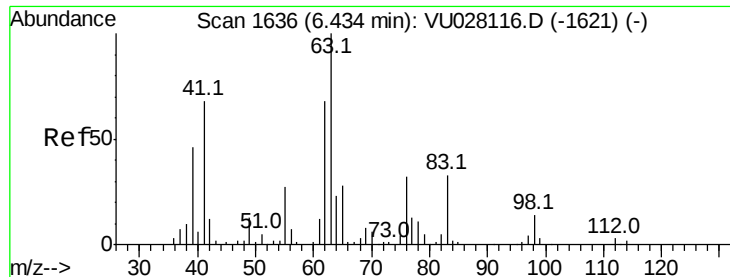


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

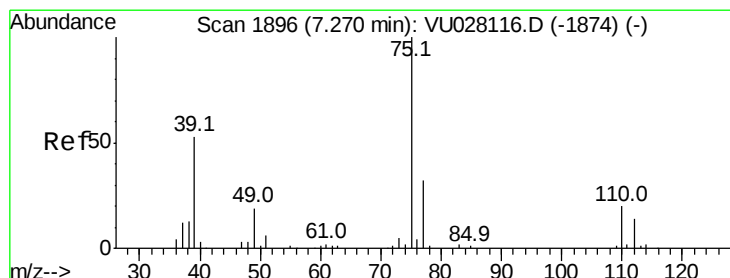
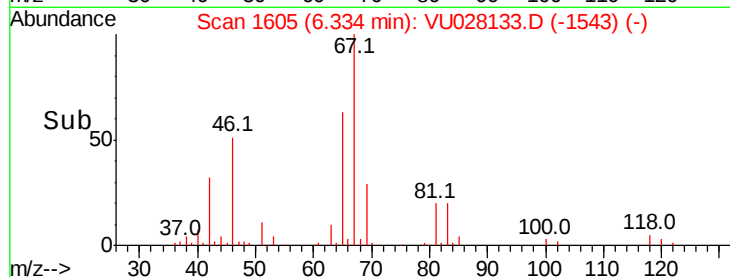
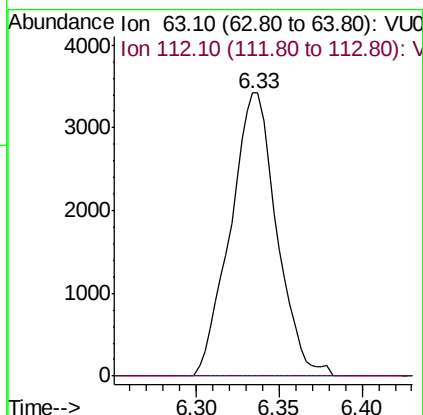
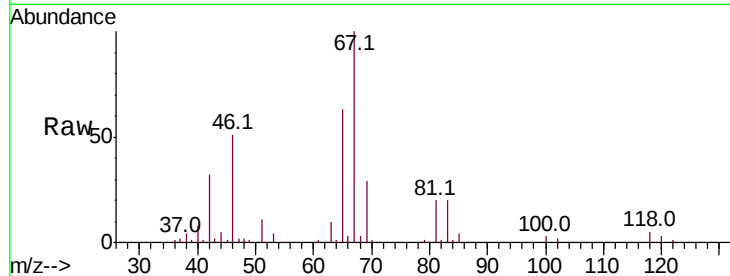




#37
 1,2-Dichloropropane
 Concen: 0.561 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU028133.D
 Acq: 14 Nov 2018 20:10

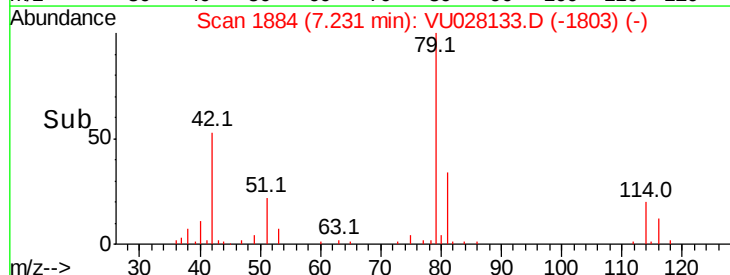
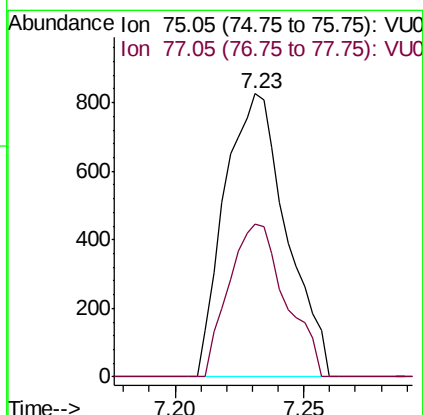
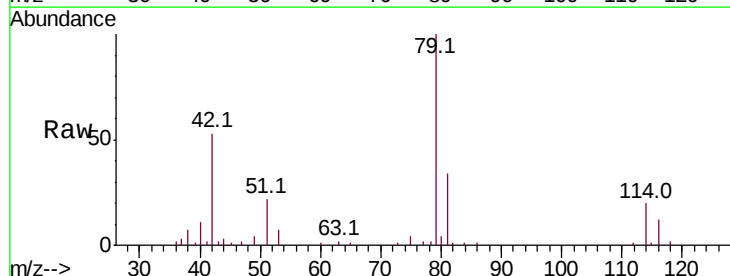
Instrument :
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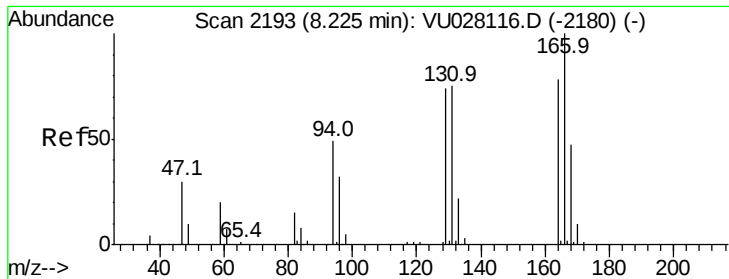
Tot Ion: 63 Resp: 6631
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.2 3.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.086 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU028133.D
 Acq: 14 Nov 2018 20:10

Tgt Ion: 75 Resp: 1381
 Ion Ratio Lower Upper
 75 100
 77 53.9 20.9 38.9#

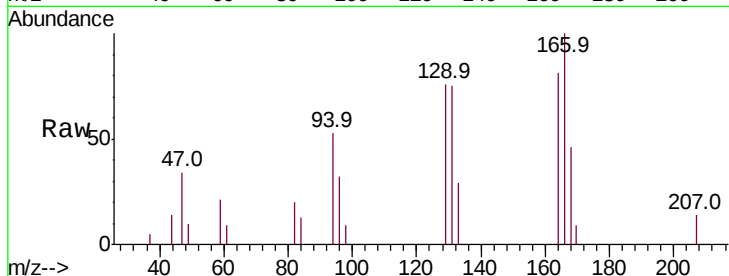




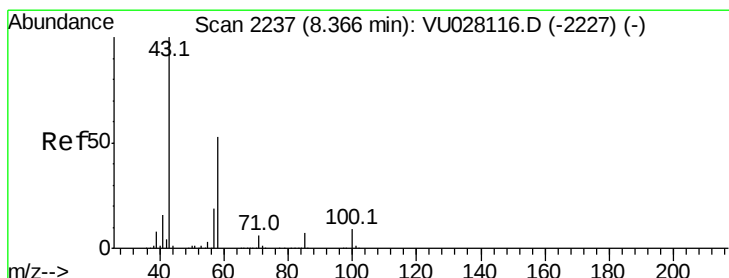
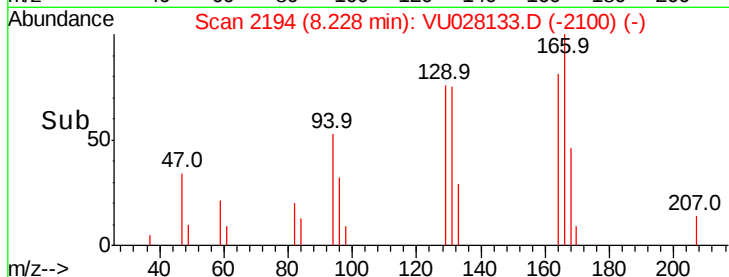
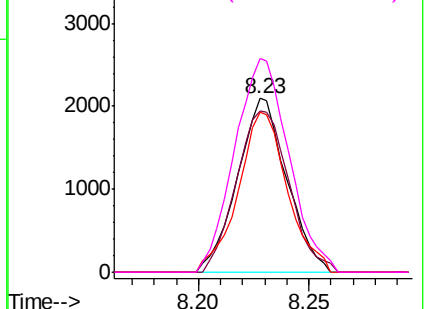
#47
Tetrachloroethene
Concen: 0.380 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU028133.D
Acq: 14 Nov 2018 20:10

Instrument :
MSVOA_U
ClientSampleId :
F9C31

Tot Ion:164 Resp: 3259
Ion Ratio Lower Upper
164 100
129 92.9 69.7 129.4
131 91.8 64.0 118.8
166 122.7 86.4 160.4

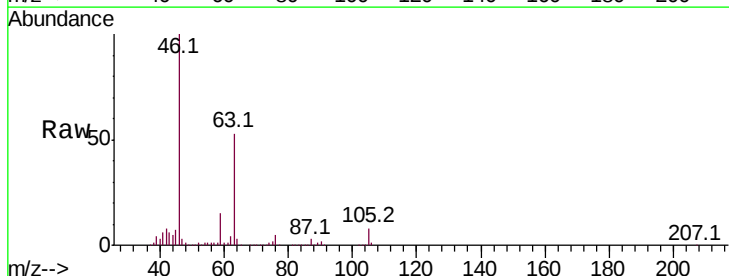


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

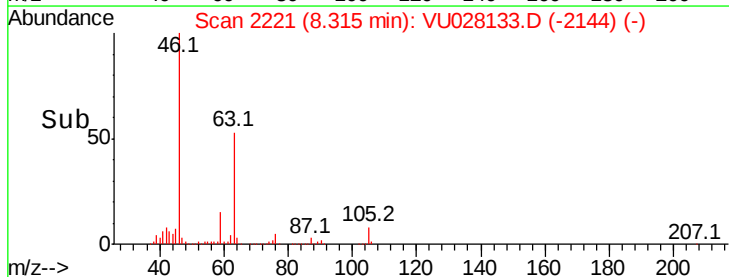
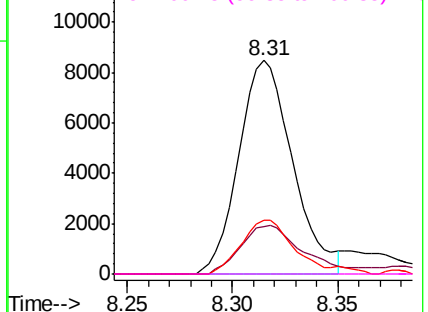


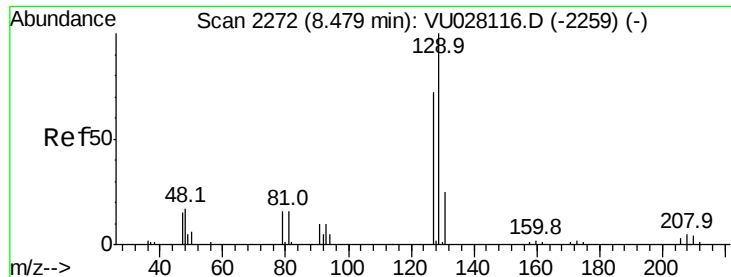
#48
2-Hexanone
Concen: 2.600 ug/L
RT: 8.31 min Scan# 2221
Delta R.T. -0.05 min
Lab File: VU028133.D
Acq: 14 Nov 2018 20:10

Tgt Ion: 43 Resp: 15052
Ion Ratio Lower Upper
43 100
58 25.8 41.7 62.5#
57 25.7 14.0 21.0#
100 0.0 7.2 10.8#



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: 0.425 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. -0.25 min

Lab File: VU028133.D

Acq: 14 Nov 2018 20:10

Instrument :

MSVOA_U

ClientSampleId :

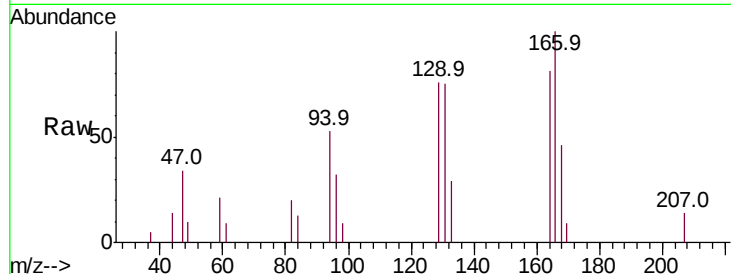
F9C31

Tot Ion:129 Resp: 3225

Ion Ratio Lower Upper

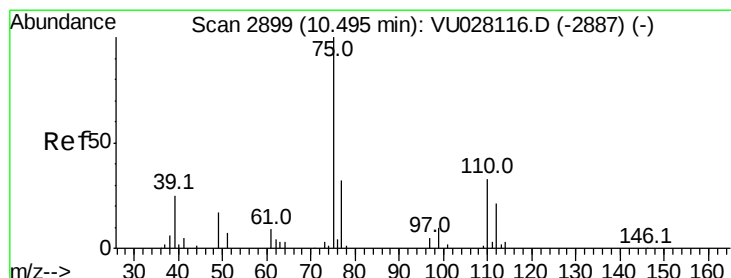
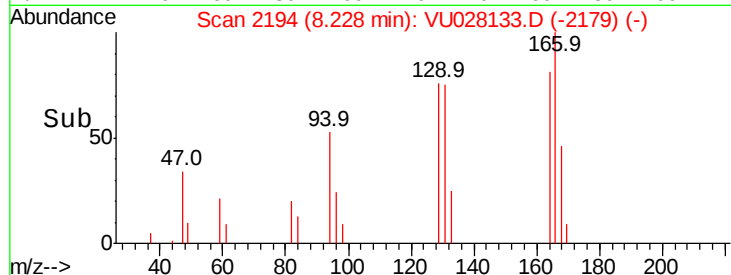
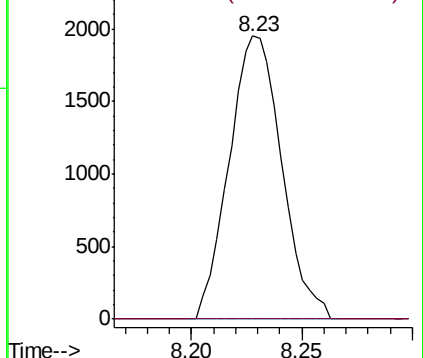
129 100

127 0.0 54.1 100.5#



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: 1.271 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU028133.D

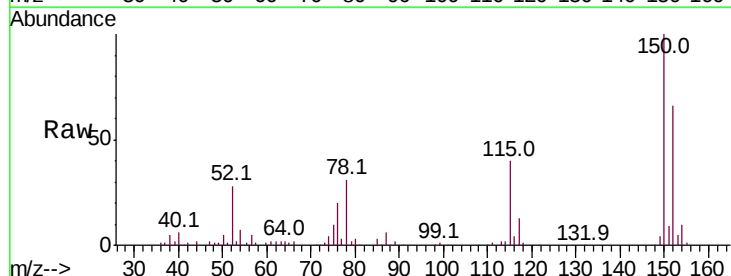
Acq: 14 Nov 2018 20:10

Tgt Ion: 75 Resp: 8437

Ion Ratio Lower Upper

75 100

77 32.6 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

