

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102218\
 Data File : VU027742.D
 Acq On : 22 Oct 2018 14:54
 Operator : MD/SY
 Sample : J5589-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0T28RE

Quant Time: Oct 23 08:52:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 23 08:01:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	109937	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	101687	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	46103	50.00	ug/L	0.00

System Monitoring Compounds

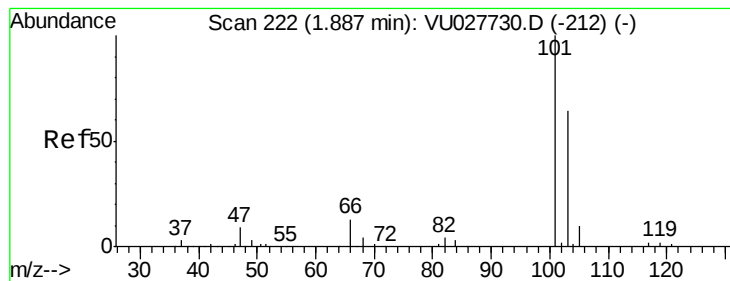
4) Vinyl Chloride-d3	1.40	65	38257	44.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.44%
7) Chloroethane-d5	1.68	69	30039	45.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.22%
11) 1,1-Dichloroethene-d2	2.27	63	55002	35.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.40%
21) 2-Butanone-d5	4.18	46	71627	98.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.26%
24) Chloroform-d	4.65	84	71041	46.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.31	65	51540	48.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.80%
32) Benzene-d6	5.34	84	139009	48.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.33	67	50398	48.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.48%
41) Toluene-d8	7.57	98	127272	47.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.28%
43) trans-1,3-Dichloropropene-	7.85	79	23868	47.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.08%
47) 2-Hexanone-d5	8.31	63	53044	100.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.26%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	64641	48.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.84%
64) 1,2-Dichlorobenzene-d4	11.86	152	45181	47.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.68%

Target Compounds

					Qvalue
9) Trichlorofluoromethane	1.89	101	24506	20.487 ug/L	99
12) 1,1-Dichloroethene	2.27	96	363	0.593 ug/L #	1
13) Acetone	2.32	43	1174	2.312 ug/L	64
34) Trichloroethene	6.19	95	7635	10.082 ug/L	96
35) Methylcyclohexane	6.33	83	10951	8.361 ug/L #	14
37) 1,2-Dichloropropane	6.33	63	5232	5.854 ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	1456	1.058 ug/L #	64
40) 4-Methyl-2-pentanone	7.57	43	682	0.475 ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	916	0.704 ug/L #	76
46) Tetrachloroethene	8.23	164	41981	71.781 ug/L	95
48) 2-Hexanone	8.31	43	6486	5.822 ug/L #	68
49) Dibromochloromethane	8.23	129	39037	44.623 ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	5389	5.102 ug/L #	88

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

```
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU102218\
Data File : VU027742.D
Acq On    : 22 Oct 2018   14:54
Operator  : MD/SY
Sample    : J5589-07
Misc      : 5.0mL/MSVOA_U/WATER
ALS Vial  : 17      Sample Multiplier: 1
```

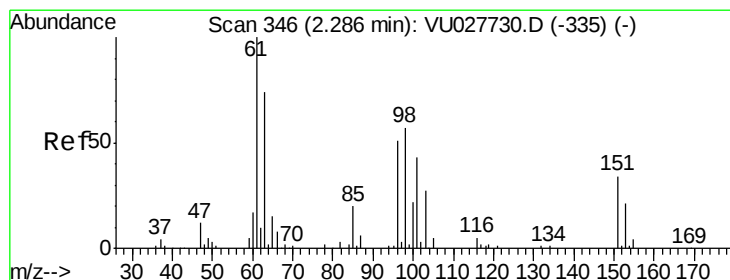
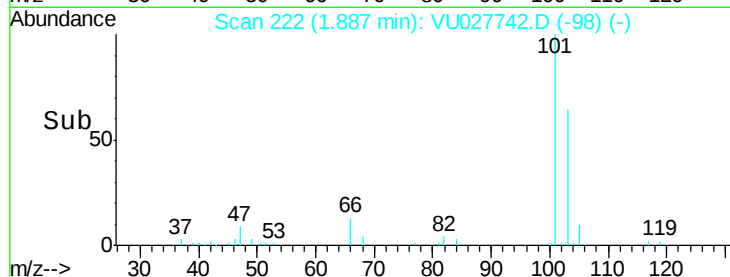
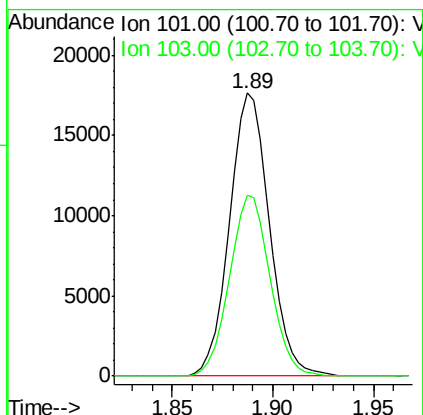
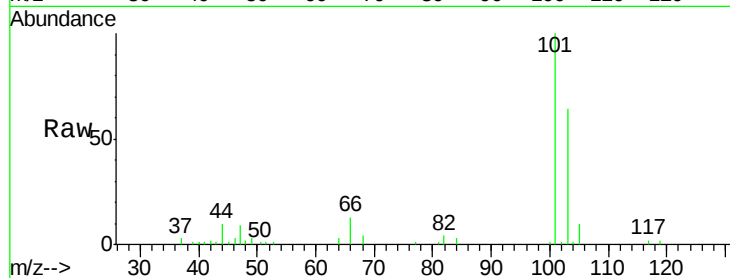


#9

Trichlorofluoromethane
 Concen: 20.487 ug/L
 RT: 1.89 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VU027742.D
 Acq: 22 Oct 2018 14:54

Instrument :
 MSVOA_U
 ClientSampleId :
 C0T28RE

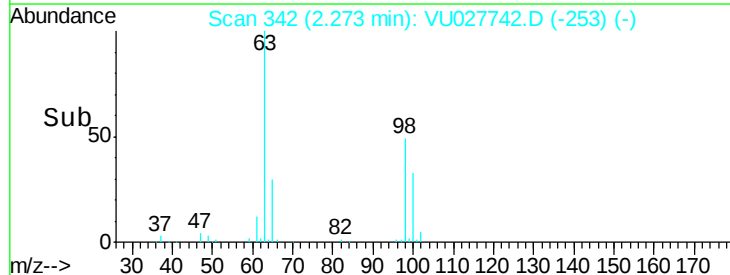
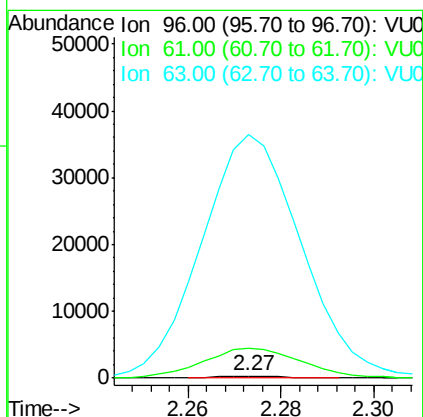
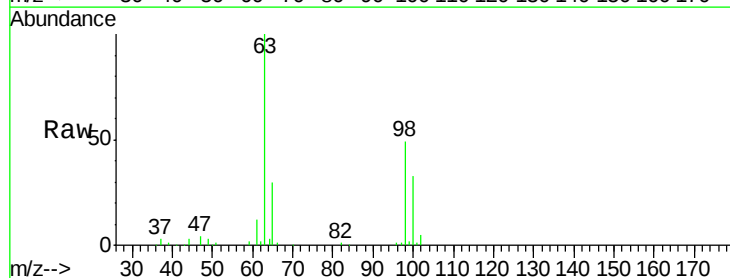
Tgt Ion: 101 Resp: 24506
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.0 76.4

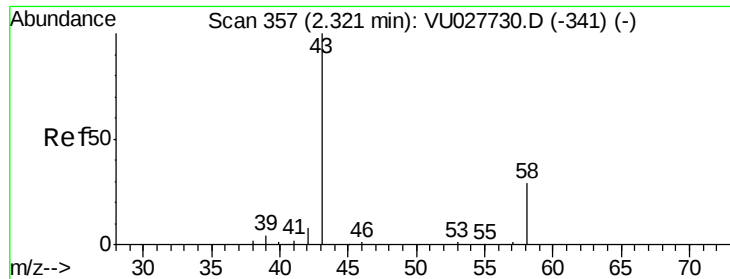


#12

1,1-Dichloroethene
 Concen: 0.593 ug/L
 RT: 2.27 min Scan# 342
 Delta R.T. -0.01 min
 Lab File: VU027742.D
 Acq: 22 Oct 2018 14:54

Tgt Ion: 96 Resp: 363
 Ion Ratio Lower Upper
 96 100
 61 1404.3 137.3 255.1#
 63 11319.3 109.8 204.0#





#13

Acetone

Concen: 2.312 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027742.D

Acq: 22 Oct 2018 14:54

Instrument :

MSVOA_U

ClientSampleId :

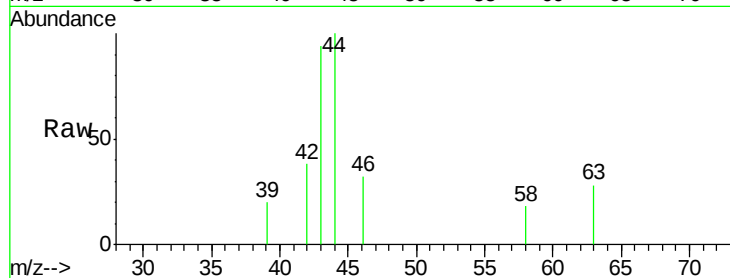
C0T28RE

Tgt Ion: 43 Resp: 1174

Ion Ratio Lower Upper

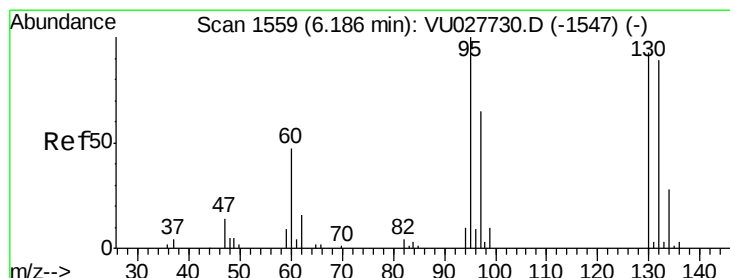
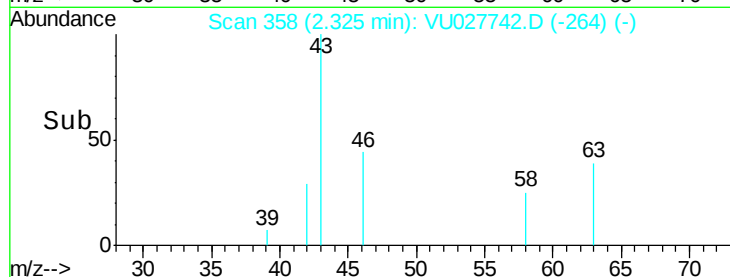
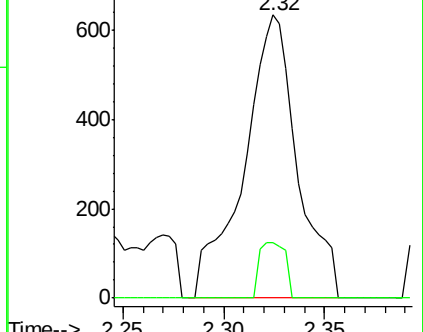
43 100

58 9.6 0.0 57.4



Abundance Ion 43.00 (42.70 to 43.70): VU027730.D (-341) (-)

Ion 58.00 (57.70 to 58.70): VU027730.D (-341) (-)



#34

Trichloroethene

Concen: 10.082 ug/L

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU027742.D

Acq: 22 Oct 2018 14:54

Tgt Ion: 95 Resp: 7635

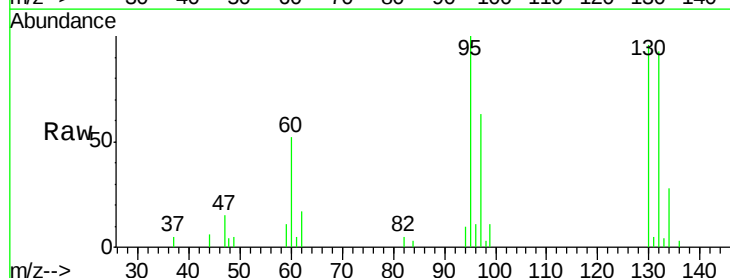
Ion Ratio Lower Upper

95 100

97 63.0 45.8 85.2

132 93.4 62.1 115.3

130 95.8 65.0 120.6

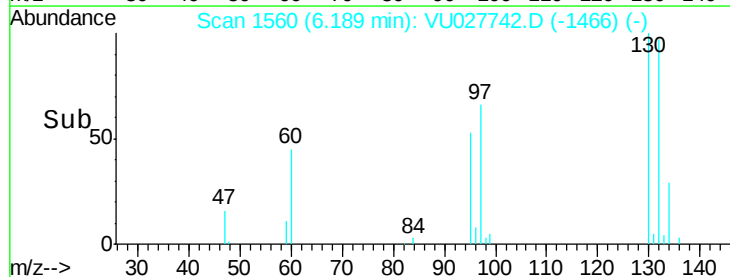
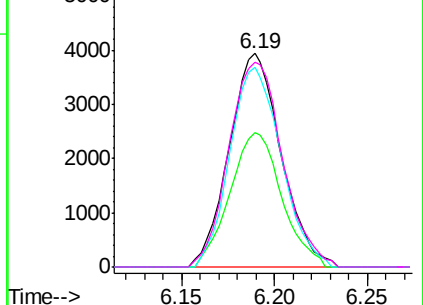


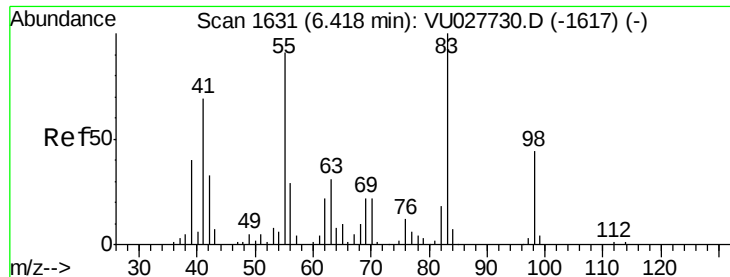
Abundance Ion 95.00 (94.70 to 95.70): VU027730.D (-1547) (-)

Ion 97.00 (96.70 to 97.70): VU027730.D (-1547) (-)

Ion 132.00 (131.70 to 132.70): VU027730.D (-1547) (-)

Ion 130.00 (129.70 to 130.70): VU027730.D (-1547) (-)

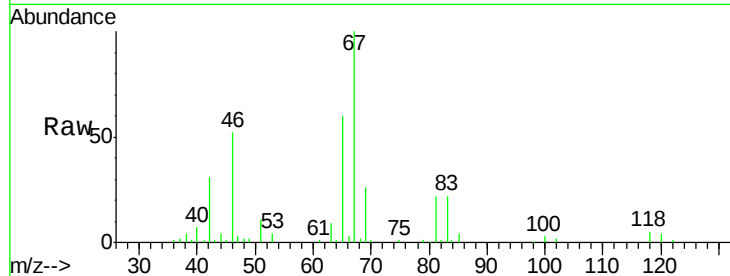




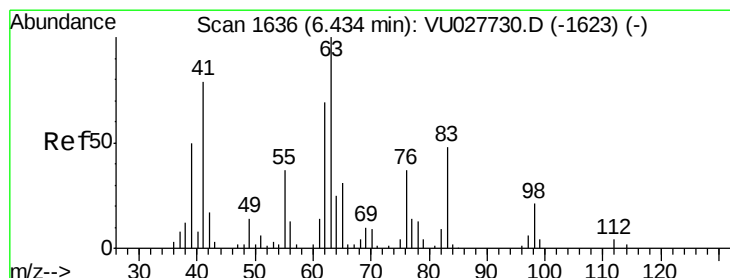
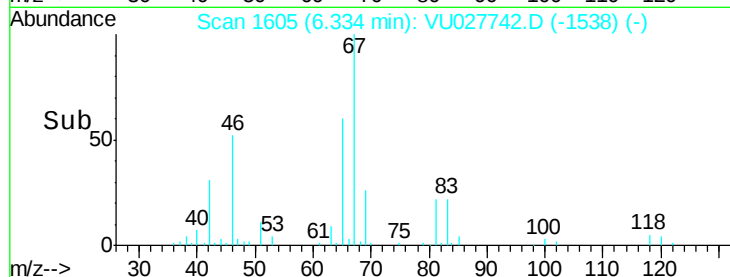
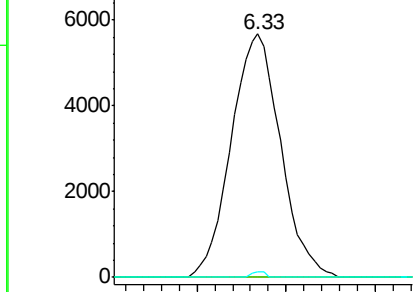
#35
Methylcyclohexane
Concen: 8.361 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU027742.D
Acq: 22 Oct 2018 14:54

Instrument :
MSVOA_U
ClientSampleId :
C0T28RE

Tgt Ion: 83 Resp: 10951
Ion Ratio Lower Upper
83 100
55 0.0 71.9 107.9#
98 0.6 34.6 52.0#

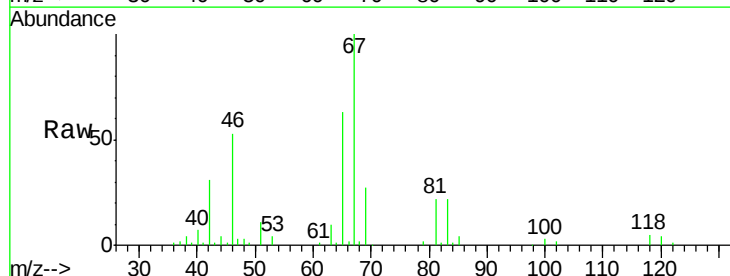


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

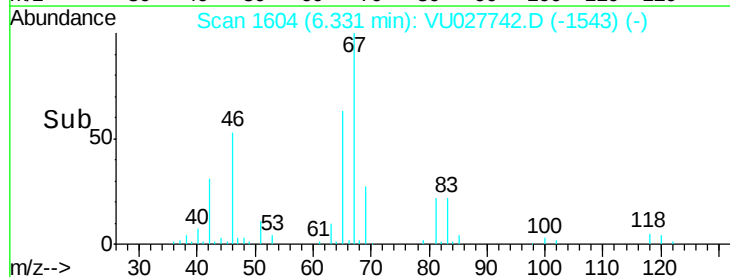
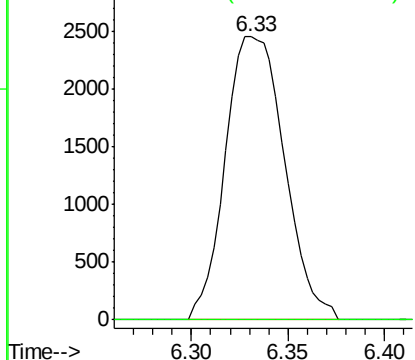


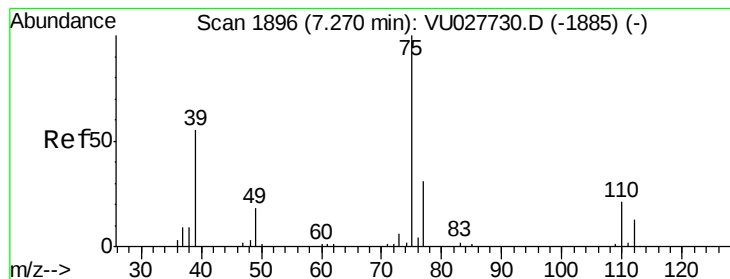
#37
1,2-Dichloropropane
Concen: 5.854 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU027742.D
Acq: 22 Oct 2018 14:54

Tgt Ion: 63 Resp: 5232
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V



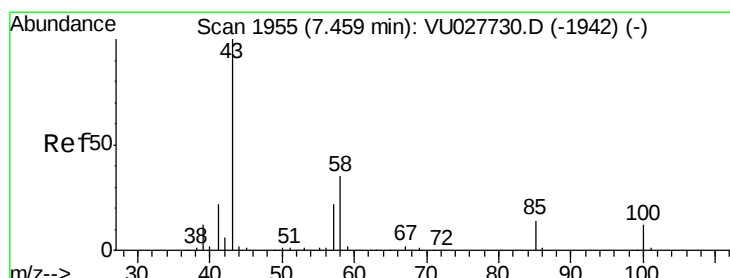
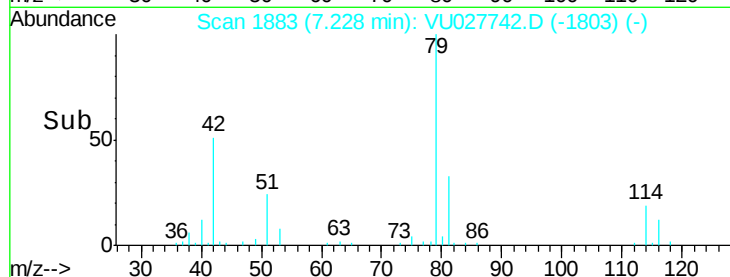
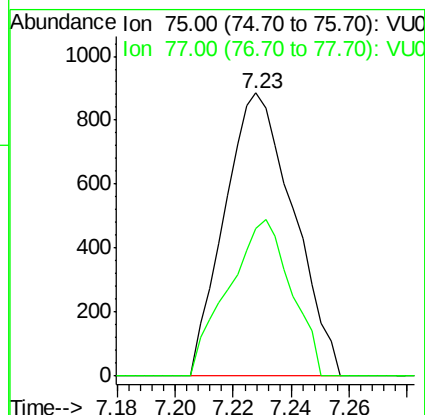
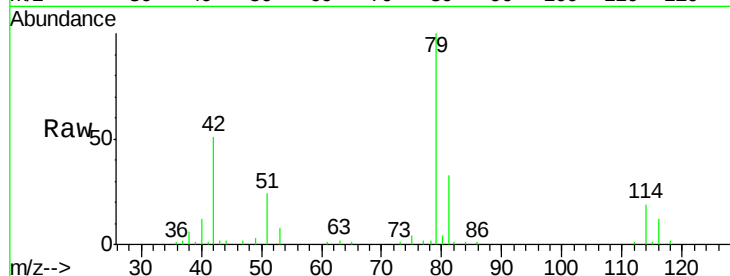


#39

cis-1,3-Dichloropropene
Concen: 1.058 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU027742.D
Acq: 22 Oct 2018 14:54

Instrument :
MSVOA_U
ClientSampleId :
C0T28RE

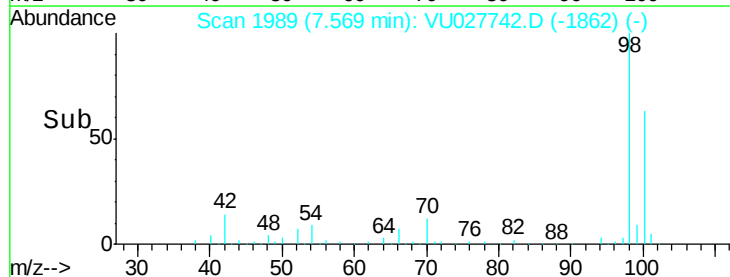
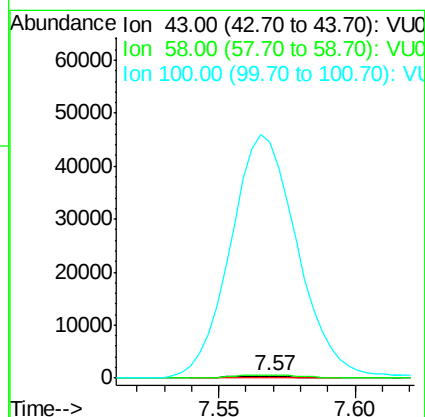
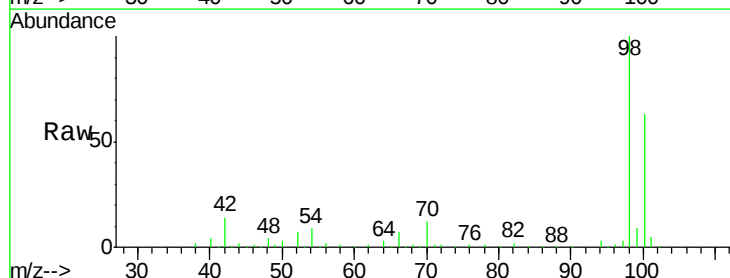
Tgt Ion: 75 Resp: 1456
Ion Ratio Lower Upper
75 100
77 52.0 22.5 41.7#

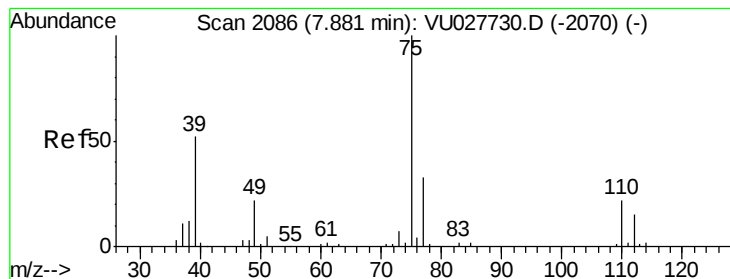


#40

4-Methyl-2-pentanone
Concen: 0.475 ug/L
RT: 7.57 min Scan# 1989
Delta R.T. 0.11 min
Lab File: VU027742.D
Acq: 22 Oct 2018 14:54

Tgt Ion: 43 Resp: 682
Ion Ratio Lower Upper
43 100
58 154.8 28.3 42.5#
100 11604.8 9.1 13.7#





#44

trans-1,3-Dichloropropene

Concen: 0.704 ug/L

RT: 7.85 min Scan# 2076

Delta R.T. -0.03 min

Lab File: VU027742.D

Acq: 22 Oct 2018 14:54

Instrument :

MSVOA_U

ClientSampleId :

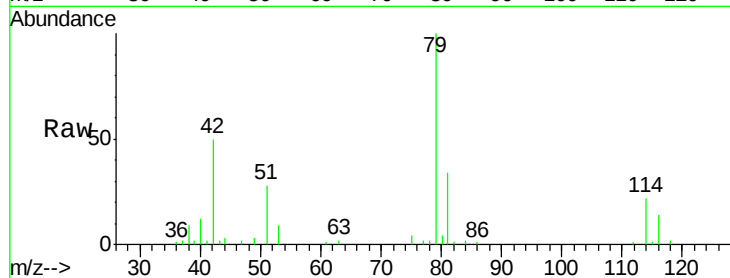
C0T28RE

Tgt Ion: 75 Resp: 916

Ion Ratio Lower Upper

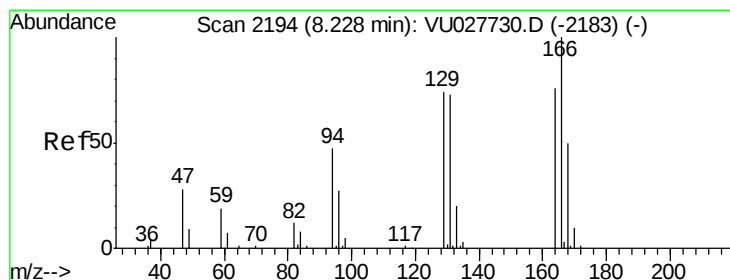
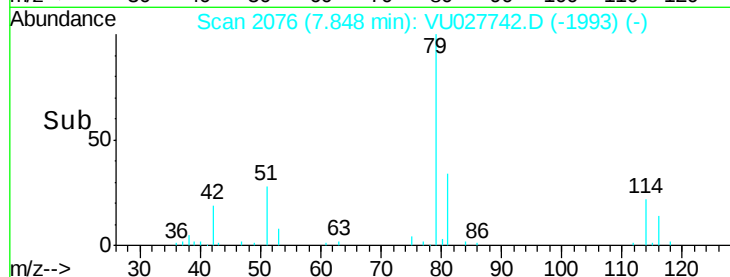
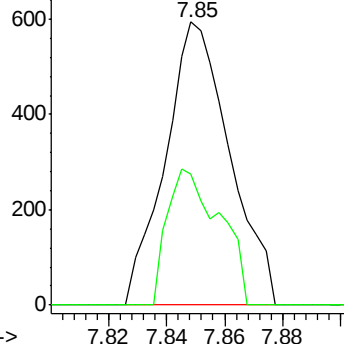
75 100

77 46.1 22.8 42.4#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#46

Tetrachloroethene

Concen: 71.781 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. -0.00 min

Lab File: VU027742.D

Acq: 22 Oct 2018 14:54

Tgt Ion:164 Resp: 41981

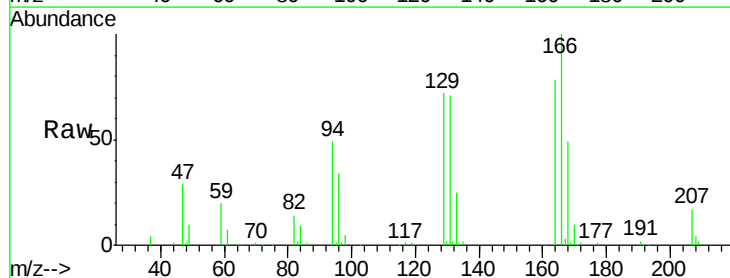
Ion Ratio Lower Upper

164 100

129 92.5 68.5 127.3

131 90.8 67.1 124.5

166 127.7 92.2 171.2

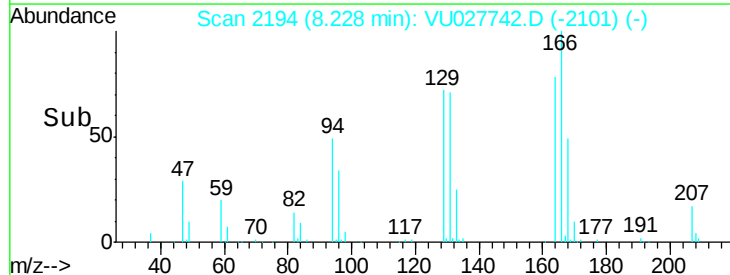
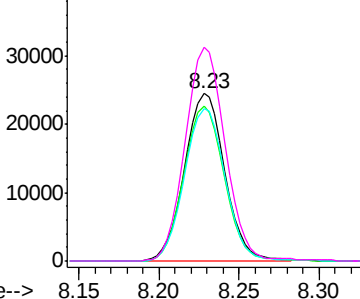


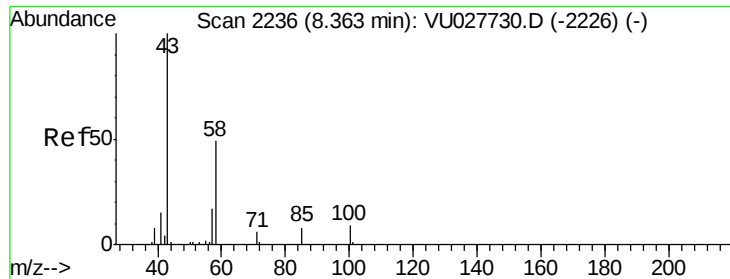
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

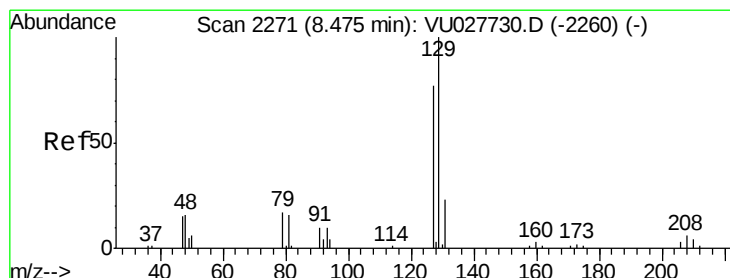
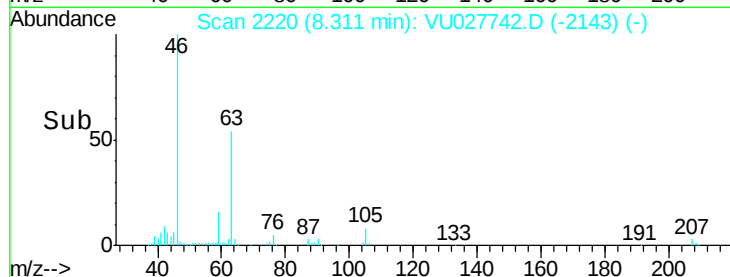
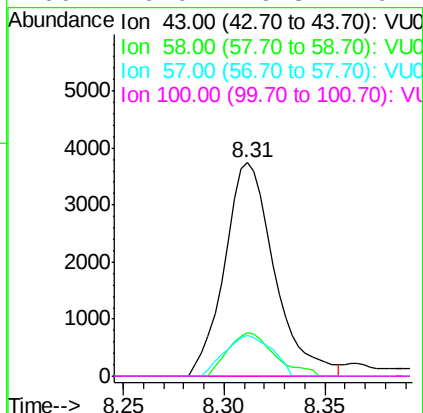
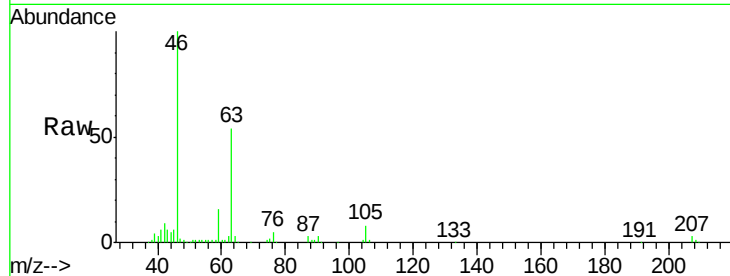




#48
2-Hexanone
Concen: 5.822 ug/L
RT: 8.31 min Scan# 2220
Delta R.T. -0.05 min
Lab File: VU027742.D
Acq: 22 Oct 2018 14:54

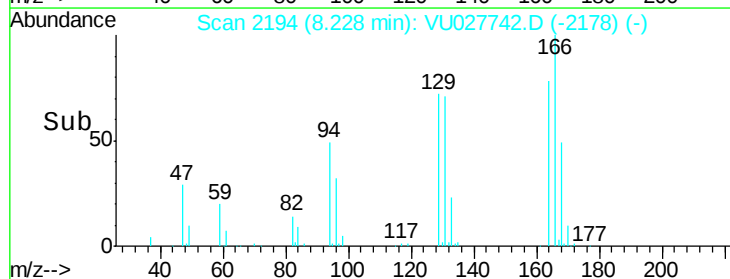
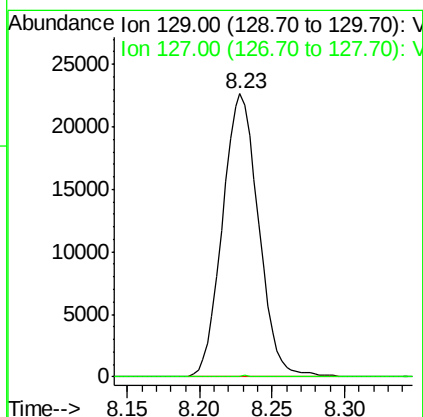
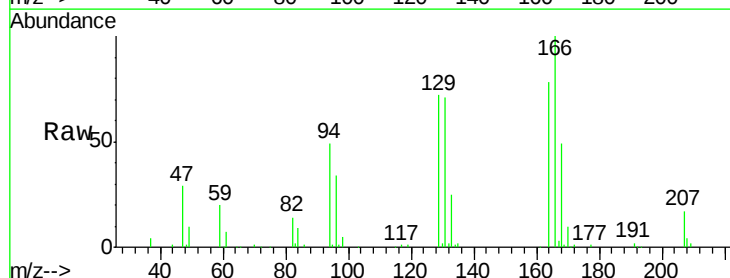
Instrument :
MSVOA_U
ClientSampleId :
C0T28RE

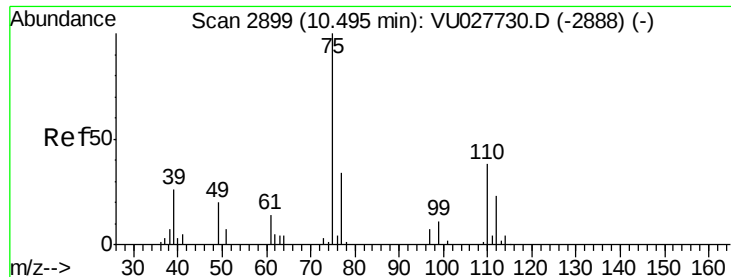
Tgt Ion: 43 Resp: 6486
Ion Ratio Lower Upper
43 100
58 19.1 38.8 58.2#
57 18.0 13.1 19.7
100 0.0 6.8 10.2#



#49
Dibromochloromethane
Concen: 44.623 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. -0.25 min
Lab File: VU027742.D
Acq: 22 Oct 2018 14:54

Tgt Ion: 129 Resp: 39037
Ion Ratio Lower Upper
129 100
127 0.0 54.1 100.5#





#59

1,2,3-Trichloropropane

Concen: 5.102 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU027742.D

Acq: 22 Oct 2018 14:54

Instrument :

MSVOA_U

ClientSampleId :

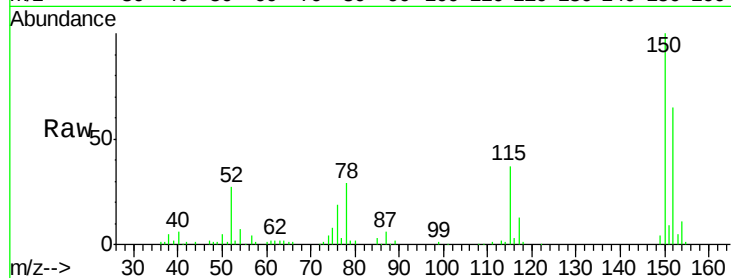
C0T28RE

Tgt Ion: 75 Resp: 5389

Ion Ratio Lower Upper

75 100

77 39.8 26.5 39.7#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

