

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102218\
 Data File : VU027739.D
 Acq On : 22 Oct 2018 13:45
 Operator : MD/SY
 Sample : J5589-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0T30

Quant Time: Oct 23 08:51:50 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	115072	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	105685	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	47589	50.00	ug/L	0.00

System Monitoring Compounds

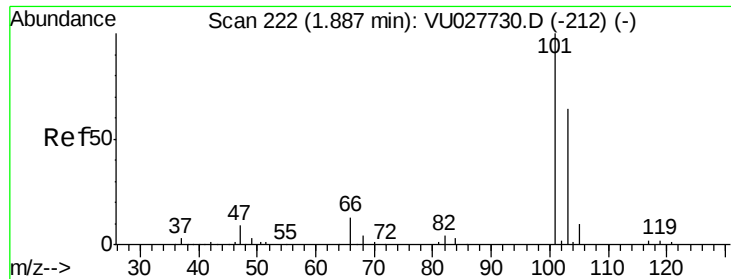
4) Vinyl Chloride-d3	1.40	65	41406	46.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.50%
7) Chloroethane-d5	1.68	69	33050	47.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.90%
11) 1,1-Dichloroethene-d2	2.27	63	58653	36.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.74%
21) 2-Butanone-d5	4.18	46	76615	100.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.41%
24) Chloroform-d	4.65	84	75111	46.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.34%
26) 1,2-Dichloroethane-d4	5.31	65	54470	48.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.74%
32) Benzene-d6	5.34	84	148303	49.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.54%
36) 1,2-Dichloropropane-d6	6.33	67	52042	48.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.86%
41) Toluene-d8	7.57	98	135261	48.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.44%
43) trans-1,3-Dichloropropene-	7.85	79	25045	48.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.00%
47) 2-Hexanone-d5	8.31	63	56878	103.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.43%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	67760	48.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	48503	49.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.52%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Trichlorofluoromethane	1.89	101	28049	22.402	ug/L	98
12) 1,1-Dichloroethene	2.27	96	394	0.614	ug/L #	1
13) Acetone	2.32	43	793	1.492	ug/L	75
31) Carbon tetrachloride	5.14	117	664	0.576	ug/L #	60
34) Trichloroethene	6.19	95	4666	5.928	ug/L	94
35) Methylcyclohexane	6.33	83	11145	8.188	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	5844	6.291	ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	1361	0.952	ug/L #	55
44) trans-1,3-Dichloropropene	7.85	75	1121	0.829	ug/L #	82
46) Tetrachloroethene	8.23	164	48356	79.553	ug/L	97
49) Dibromochloromethane	8.23	129	45530	50.076	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	6121	5.575	ug/L	93

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU102218\
Data File : VU027739.D
Acq On : 22 Oct 2018 13:45
Operator : MD/SY
Sample : J5589-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

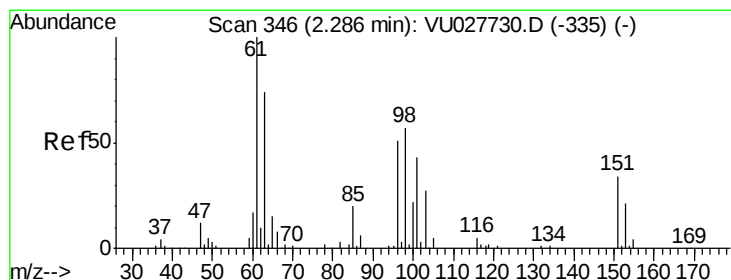
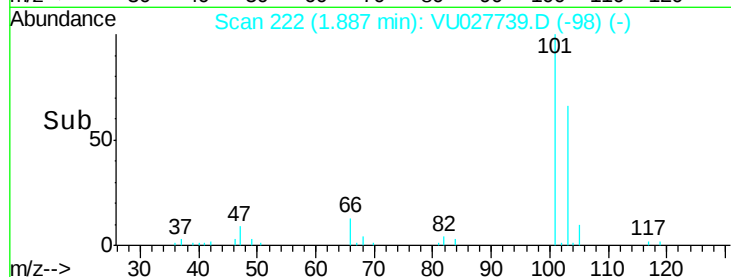
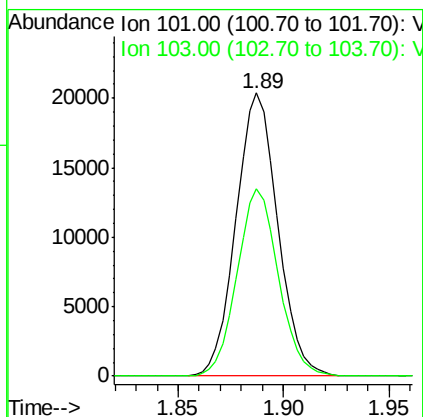
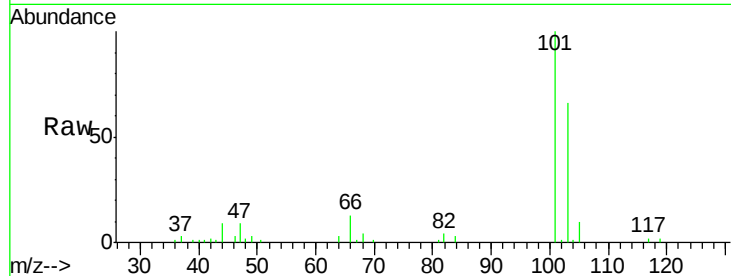


#9

Trichlorofluoromethane
Concen: 22.402 ug/L
RT: 1.89 min Scan# 222
Delta R.T. -0.00 min
Lab File: VU027739.D
Acq: 22 Oct 2018 13:45

Instrument :
MSVOA_U
ClientSampleId :
COT30

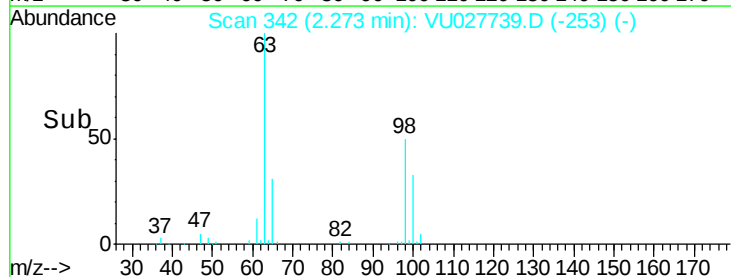
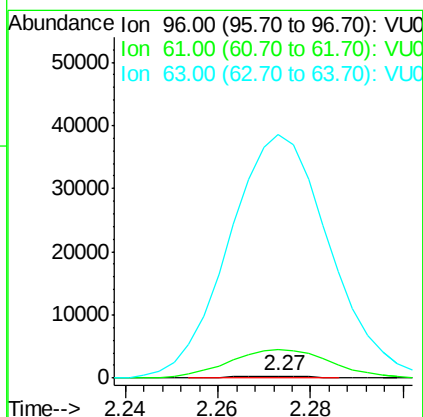
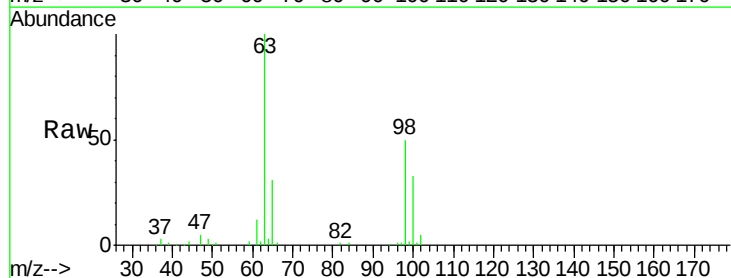
Tgt Ion:101 Resp: 28049
Ion Ratio Lower Upper
101 100
103 65.3 51.0 76.4

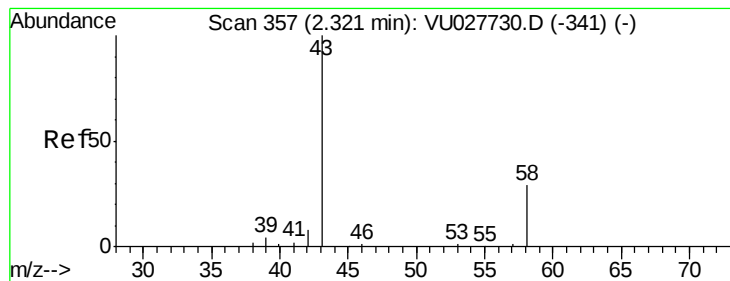


#12

1,1-Dichloroethene
Concen: 0.614 ug/L
RT: 2.27 min Scan# 342
Delta R.T. -0.01 min
Lab File: VU027739.D
Acq: 22 Oct 2018 13:45

Tgt Ion: 96 Resp: 394
Ion Ratio Lower Upper
96 100
61 1451.8 137.3 255.1#
63 12311.8 109.8 204.0#





#13

Acetone

Concen: 1.492 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027739.D

Acq: 22 Oct 2018 13:45

Instrument :

MSVOA_U

ClientSampleId :

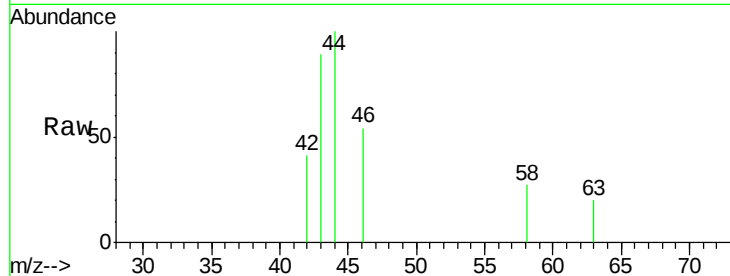
COT30

Tgt Ion: 43 Resp: 793

Ion Ratio Lower Upper

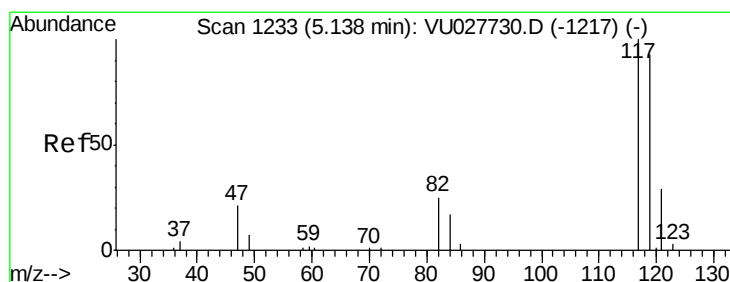
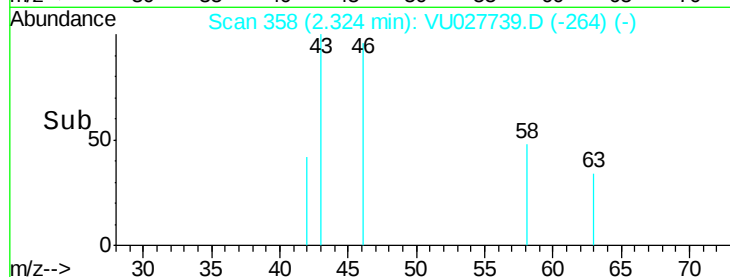
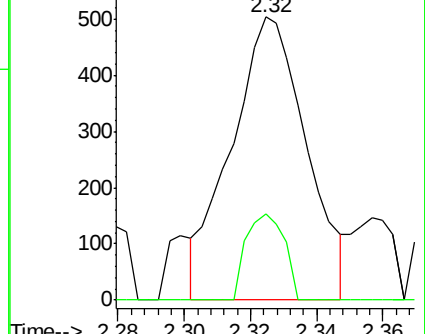
43 100

58 15.4 0.0 57.4



Abundance Ion 43.00 (42.70 to 43.70): VU027739.D (-264) (-)

Ion 58.00 (57.70 to 58.70): VU027739.D (-264) (-)



#31

Carbon tetrachloride

Concen: 0.576 ug/L

RT: 5.14 min Scan# 1233

Delta R.T. -0.00 min

Lab File: VU027739.D

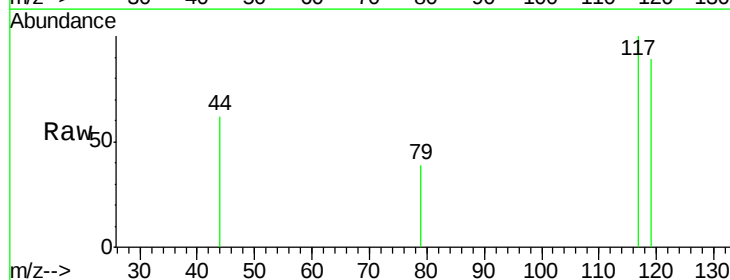
Acq: 22 Oct 2018 13:45

Tgt Ion: 117 Resp: 664

Ion Ratio Lower Upper

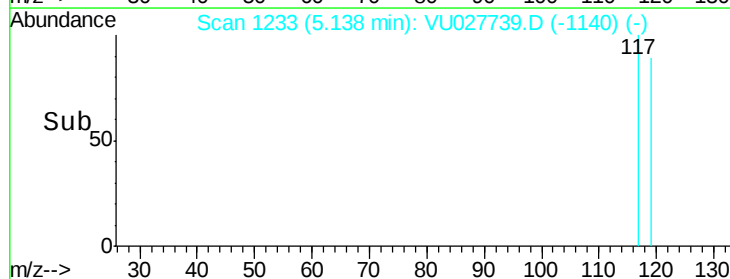
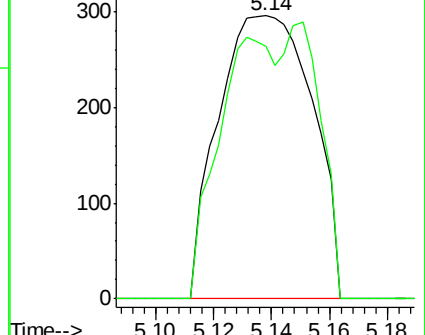
117 100

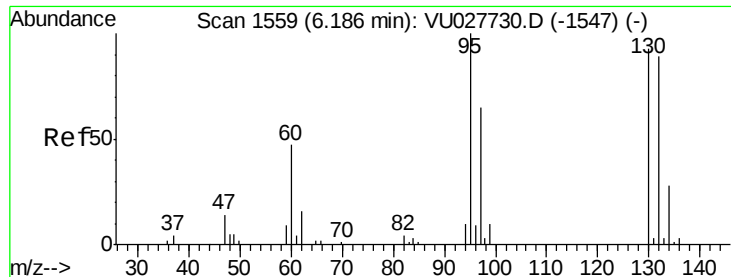
119 55.9 75.6 113.4#



Abundance Ion 117.00 (116.70 to 117.70): VU027739.D (-1140) (-)

Ion 119.00 (118.70 to 119.70): VU027739.D (-1140) (-)





#34

Trichloroethene

Concen: 5.928 ug/L

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU027739.D

Acq: 22 Oct 2018 13:45

Instrument :

MSVOA_U

ClientSampleId :

COT30

Tgt Ion: 95 Resp: 4666

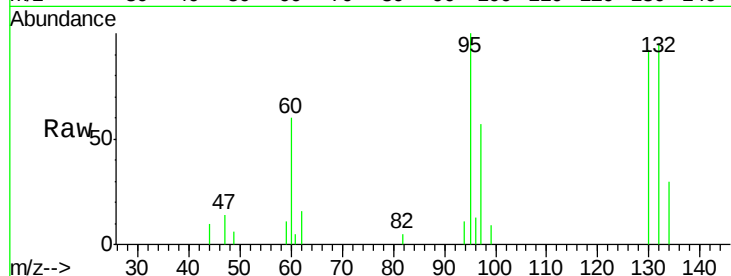
Ion Ratio Lower Upper

95 100

97 56.7 45.8 85.2

132 95.0 62.1 115.3

130 91.7 65.0 120.6

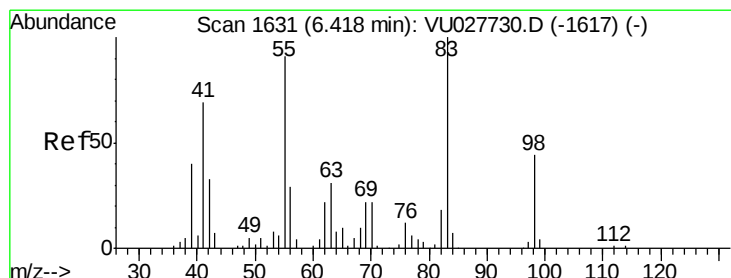
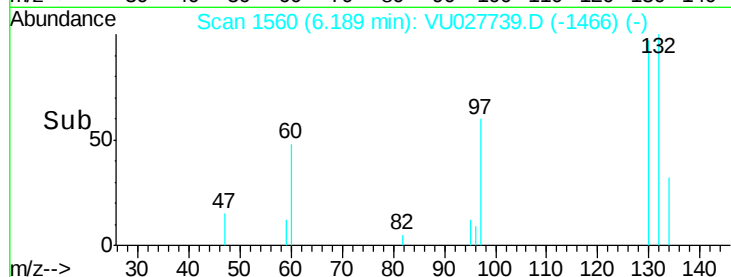
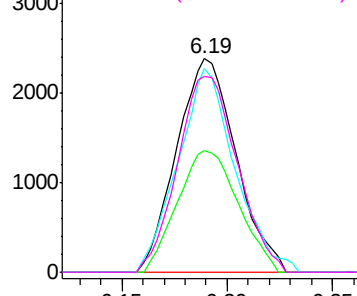


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#35

Methylcyclohexane

Concen: 8.188 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.09 min

Lab File: VU027739.D

Acq: 22 Oct 2018 13:45

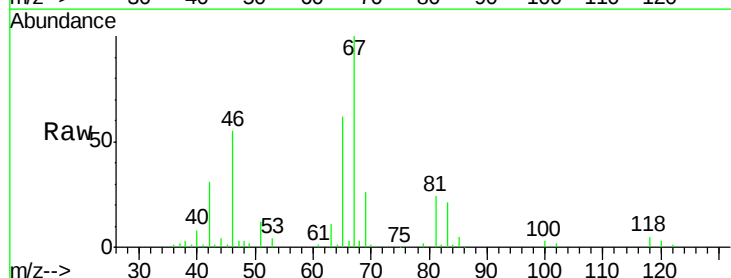
Tgt Ion: 83 Resp: 11145

Ion Ratio Lower Upper

83 100

55 0.0 71.9 107.9#

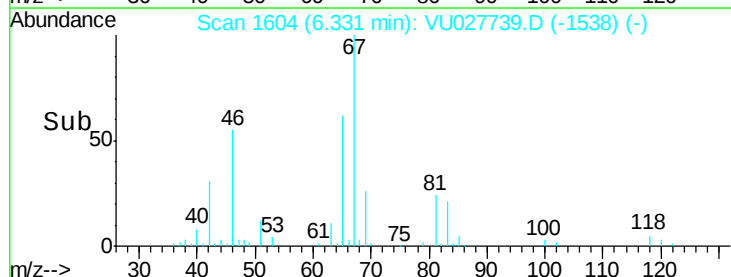
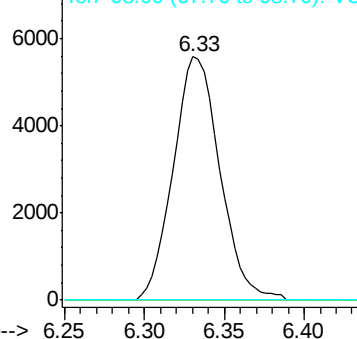
98 0.0 34.6 52.0#

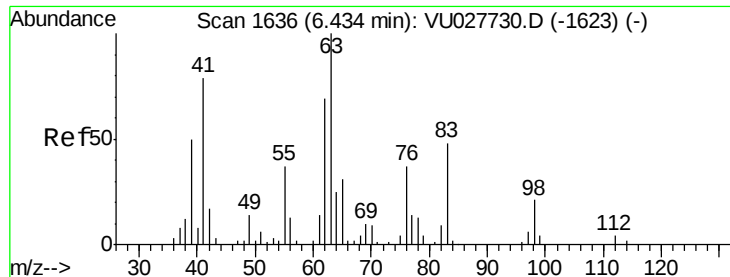


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

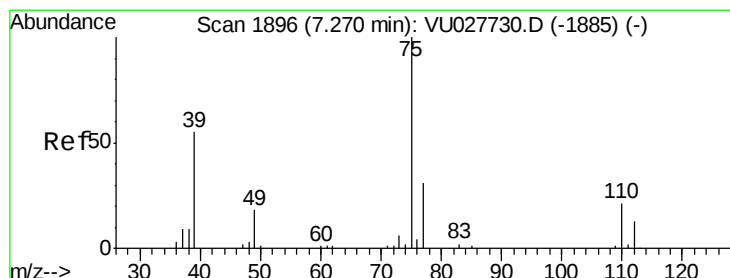
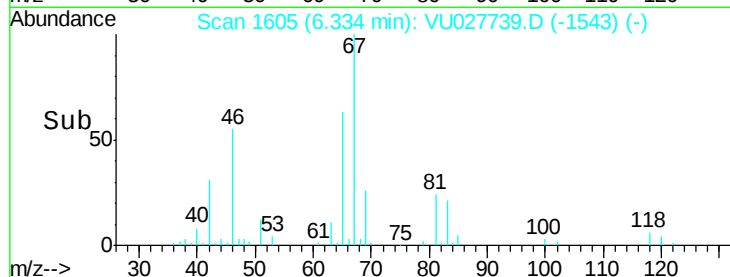
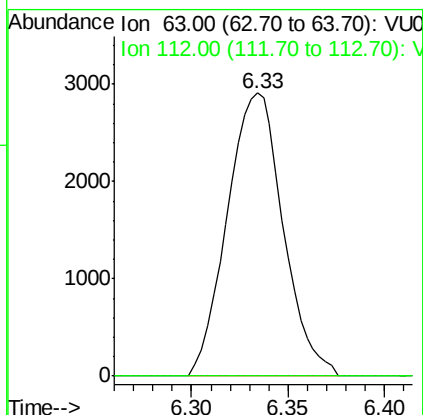
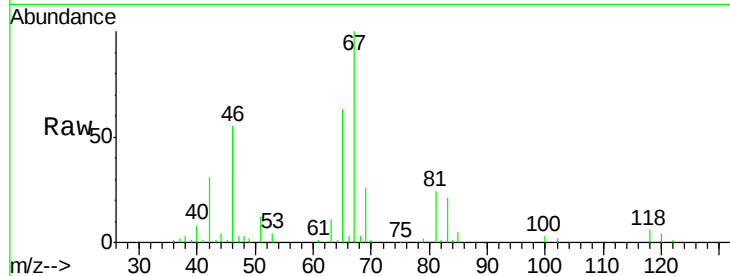




#37
 1,2-Dichloropropane
 Concen: 6.291 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU027739.D
 Acq: 22 Oct 2018 13:45

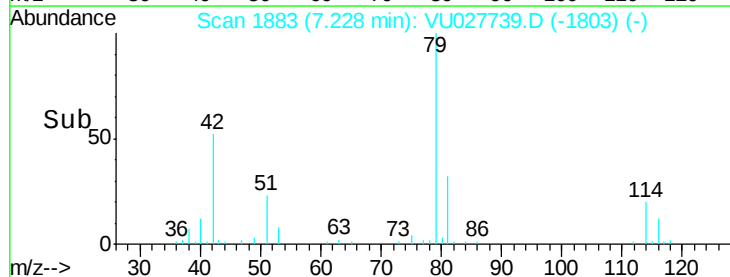
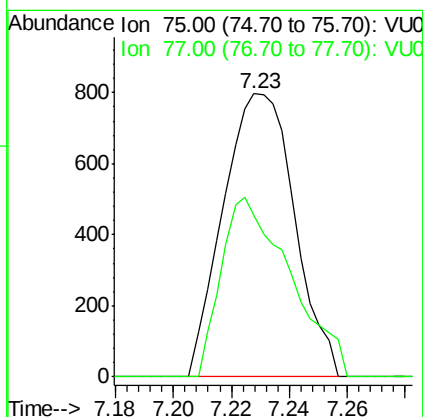
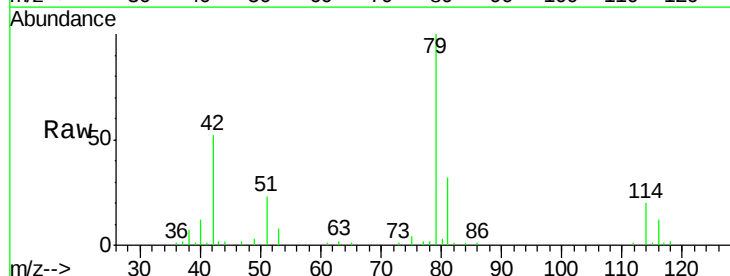
Instrument :
 MSVOA_U
 ClientSampleId :
 C0T30

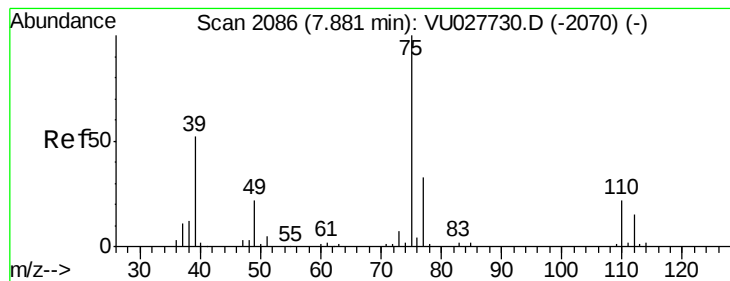
Tgt Ion: 63 Resp: 5844
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.6 3.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.952 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU027739.D
 Acq: 22 Oct 2018 13:45

Tgt Ion: 75 Resp: 1361
 Ion Ratio Lower Upper
 75 100
 77 57.2 22.5 41.7#





#44

trans-1,3-Dichloropropene

Concen: 0.829 ug/L

RT: 7.85 min Scan# 2076

Delta R.T. -0.03 min

Lab File: VU027739.D

Acq: 22 Oct 2018 13:45

Instrument :

MSVOA_U

ClientSampleId :

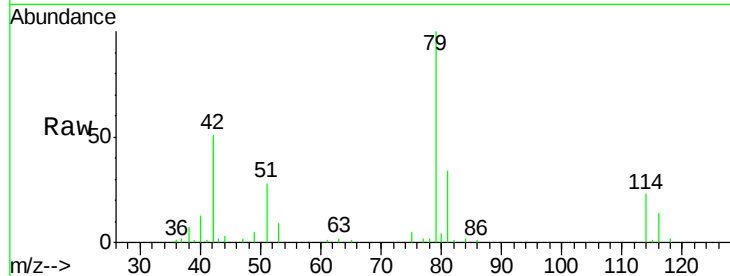
C0T30

Tgt Ion: 75 Resp: 1121

Ion Ratio Lower Upper

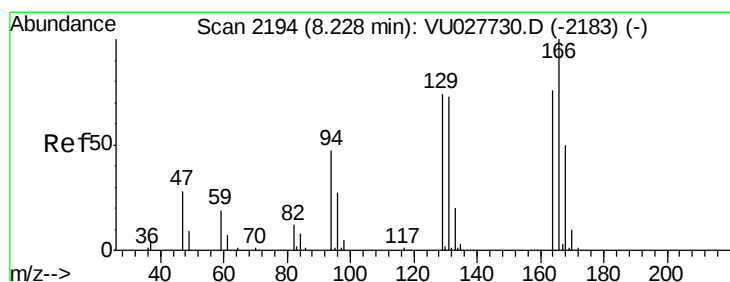
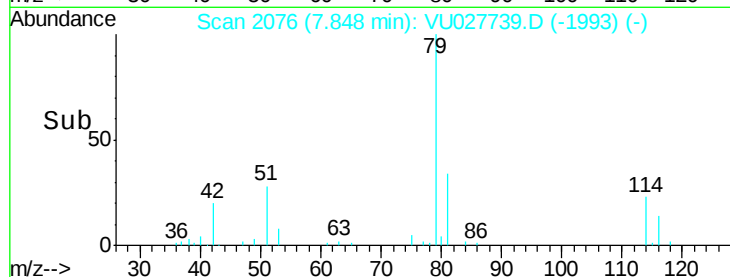
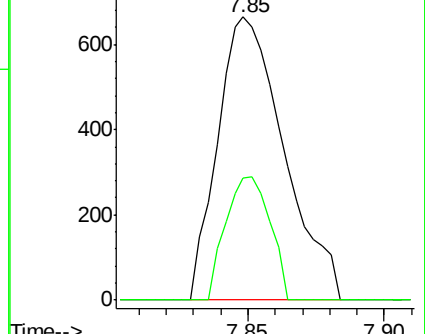
75 100

77 42.9 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: 79.553 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. -0.00 min

Lab File: VU027739.D

Acq: 22 Oct 2018 13:45

Tgt Ion: 164 Resp: 48356

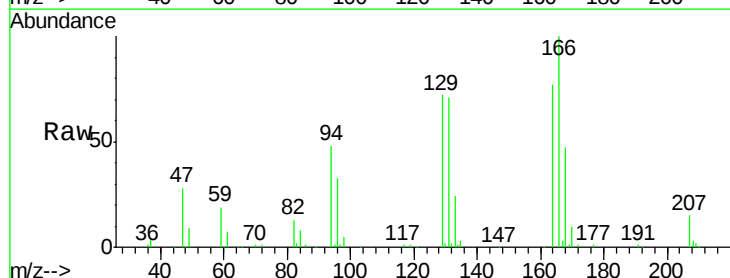
Ion Ratio Lower Upper

164 100

129 94.0 68.5 127.3

131 92.3 67.1 124.5

166 130.7 92.2 171.2

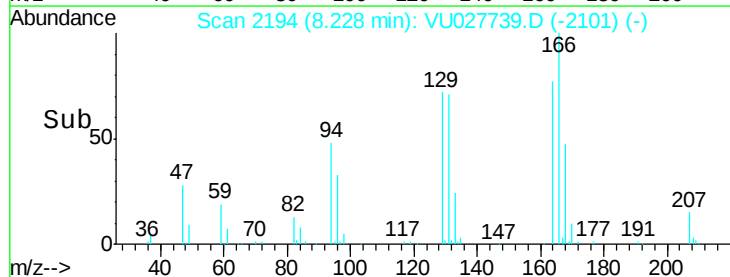
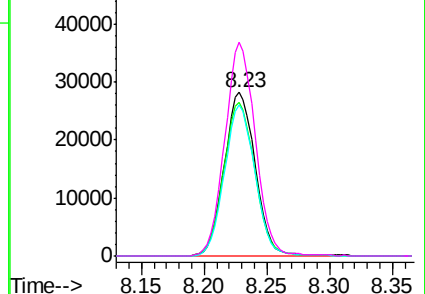


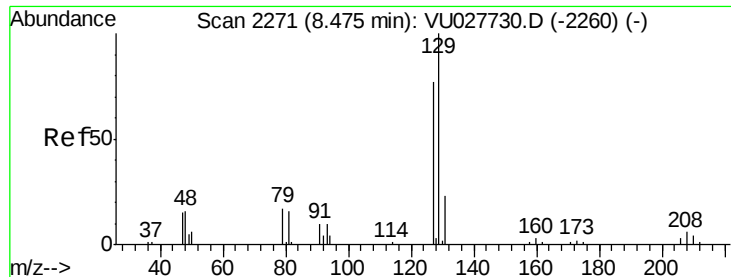
Abundance Ion 164.00 (163.70 to 164.70): V

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

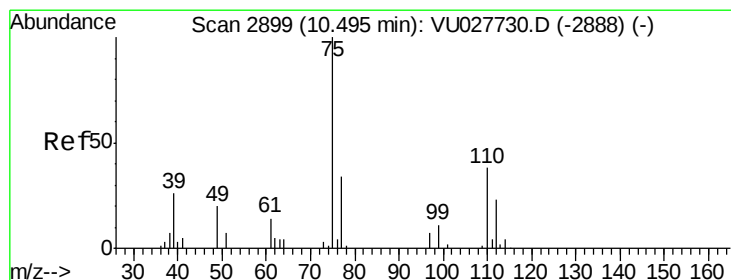
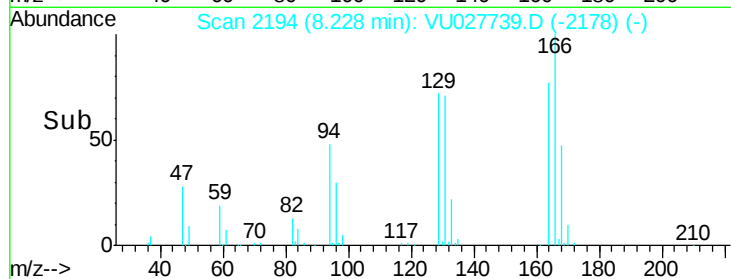
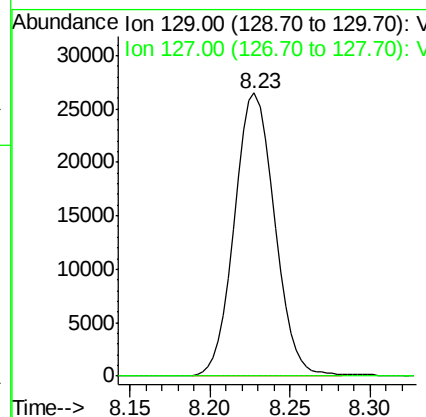
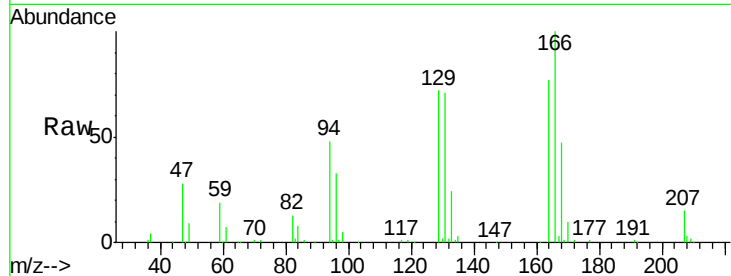




#49
 Dibromochloromethane
 Concen: 50.076 ug/L
 RT: 8.23 min Scan# 2194
 Delta R.T. -0.25 min
 Lab File: VU027739.D
 Acq: 22 Oct 2018 13:45

Instrument :
 MSVOA_U
 ClientSampleId :
 C0T30

Tgt Ion: 129 Resp: 45530
 Ion Ratio Lower Upper
 129 100
 127 0.0 54.1 100.5#



#59
 1,2,3-Trichloropropane
 Concen: 5.575 ug/L
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.99 min
 Lab File: VU027739.D
 Acq: 22 Oct 2018 13:45

Tgt Ion: 75 Resp: 6121
 Ion Ratio Lower Upper
 75 100
 77 37.2 26.5 39.7

