

Data File : VU027647.D
Acq On : 13 Oct 2018 00:41
Operator : MD/SY
Sample : J5405-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08Y7

Quant Time: Oct 13 04:12:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 13 04:07:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	175373	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	162641	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	63560	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	51967	37.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.30%
7) Chloroethane-d5	1.68	69	44759	42.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.20%
11) 1,1-Dichloroethene-d2	2.28	63	75805	29.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.56%#
21) 2-Butanone-d5	4.18	46	102696	92.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.17%
24) Chloroform-d	4.65	84	98119	44.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.90%
26) 1,2-Dichloroethane-d4	5.31	65	68999	44.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.20%
32) Benzene-d6	5.34	84	193072	41.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.84%
36) 1,2-Dichloropropane-d6	6.33	67	70772	44.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.66%
41) Toluene-d8	7.57	98	156388	37.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.08%#
43) trans-1,3-Dichloropropene-	7.85	79	27963	36.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.70%
47) 2-Hexanone-d5	8.31	63	67705	83.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.96%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	91788	43.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	54396	43.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.50%

Target Compounds

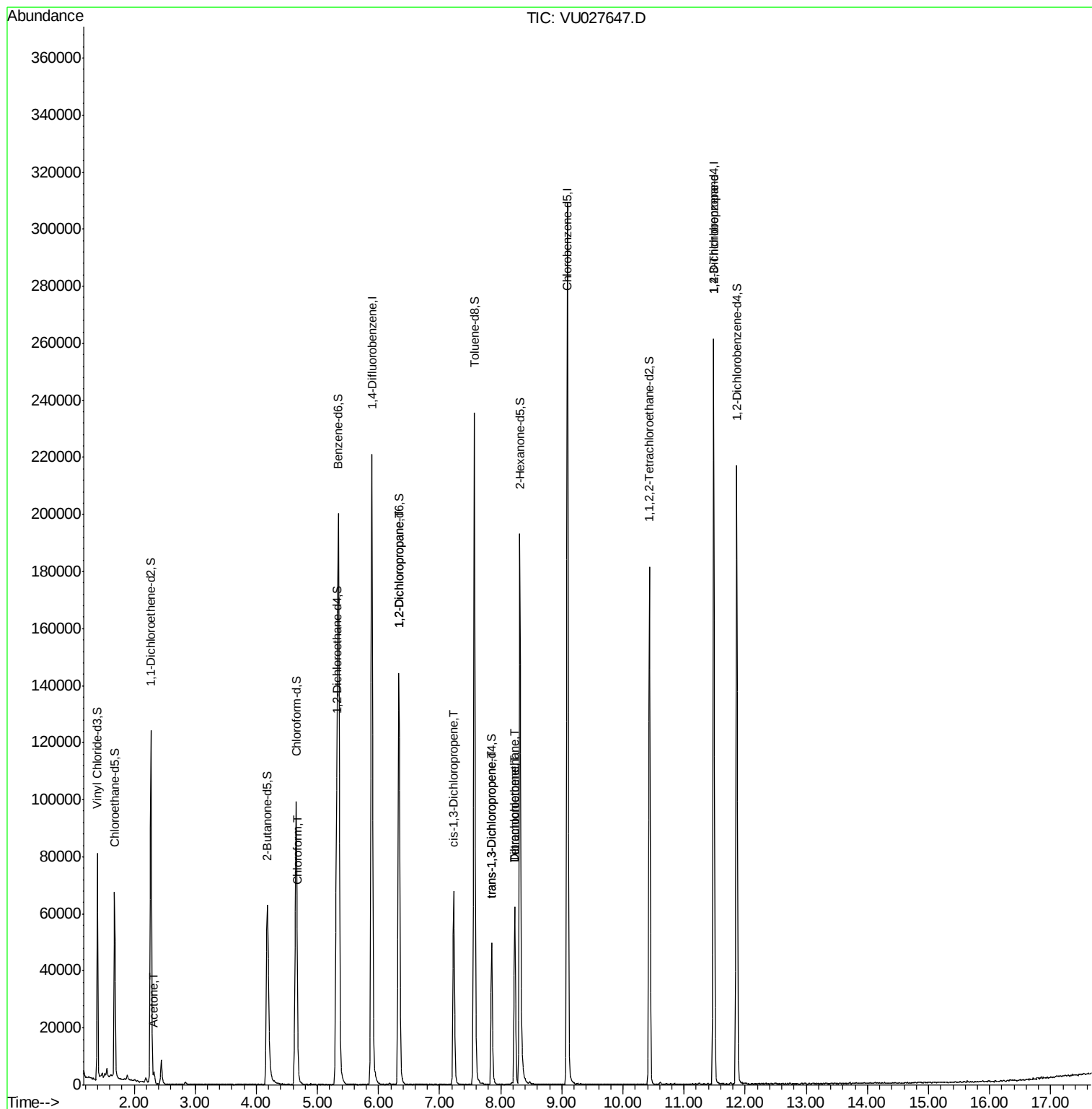
						Qvalue
13) Acetone	2.32	43	3285	3.595	ug/L	92
25) Chloroform	4.68	83	1361	0.544	ug/L	93
37) 1,2-Dichloropropane	6.33	63	7253	4.684	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1554	0.683	ug/L #	51
44) trans-1,3-Dichloropropene	7.85	75	1178	0.558	ug/L	95
46) Tetrachloroethene	8.23	164	14399	15.073	ug/L	95
49) Dibromochloromethane	8.23	129	13454	10.380	ug/L #	12
59) 1,2,3-Trichloropropane	11.48	75	8723	4.976	ug/L	89

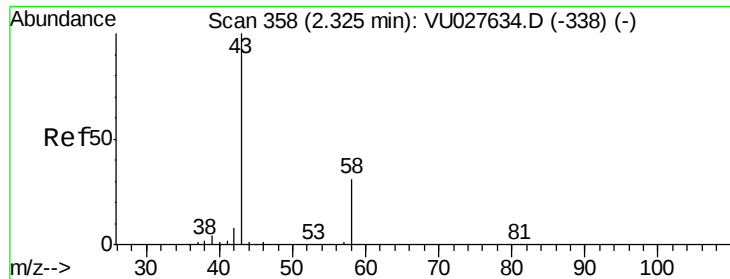
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.595 ug/L

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

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Acq: 13 Oct 2018 00:41

Instrument :

MSVOA_U

ClientSampleId :

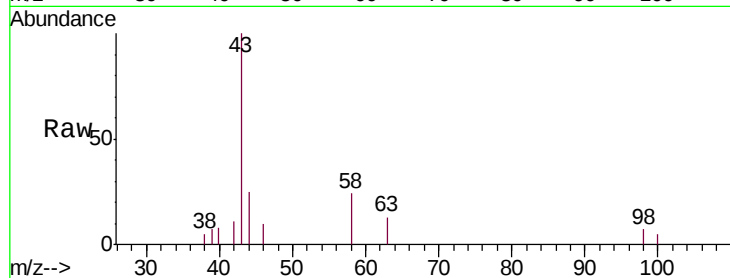
C08Y7

Tgt Ion: 43 Resp: 3285

Ion Ratio Lower Upper

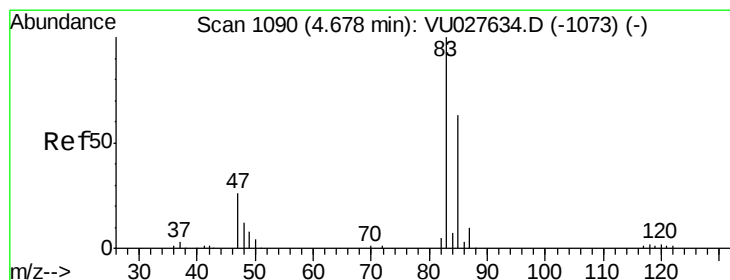
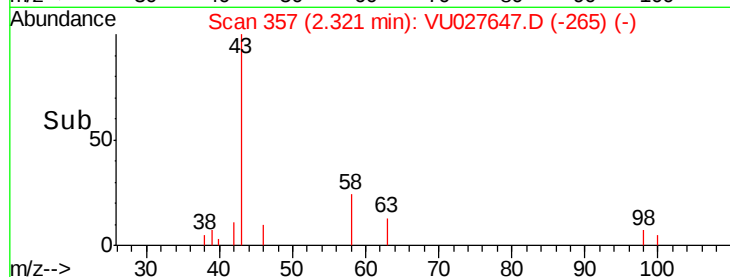
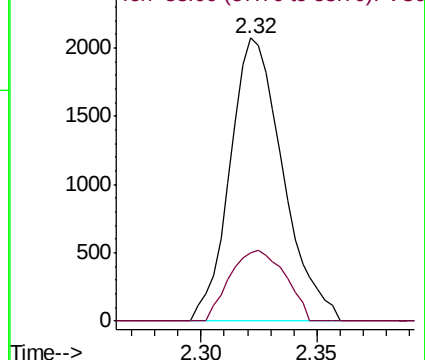
43 100

58 26.2 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#25

Chloroform

Concen: 0.544 ug/L

RT: 4.68 min Scan# 1090

Delta R.T. 0.00 min

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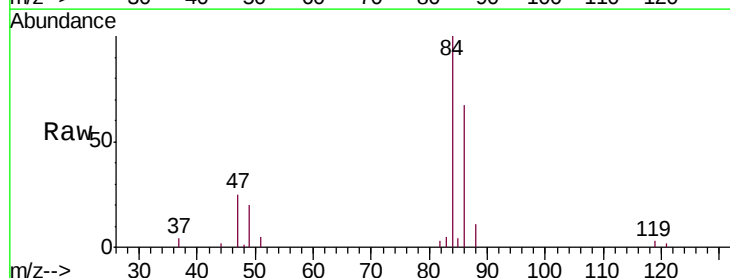
Acq: 13 Oct 2018 00:41

Tgt Ion: 83 Resp: 1361

Ion Ratio Lower Upper

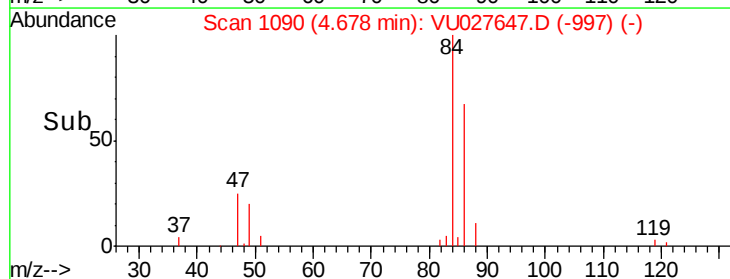
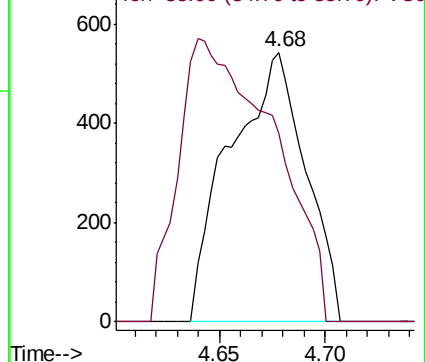
83 100

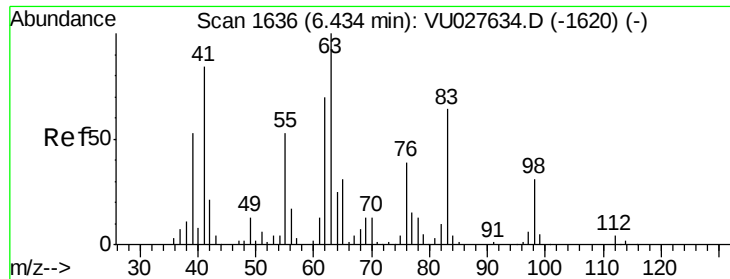
85 70.0 45.0 83.6



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

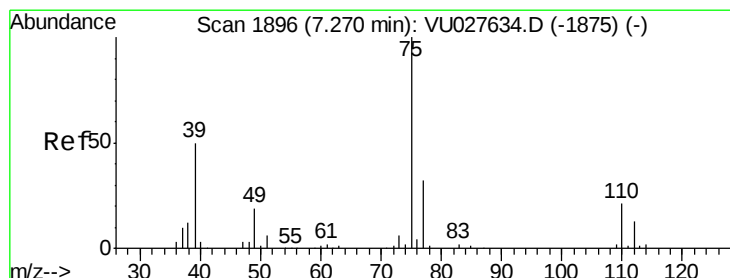
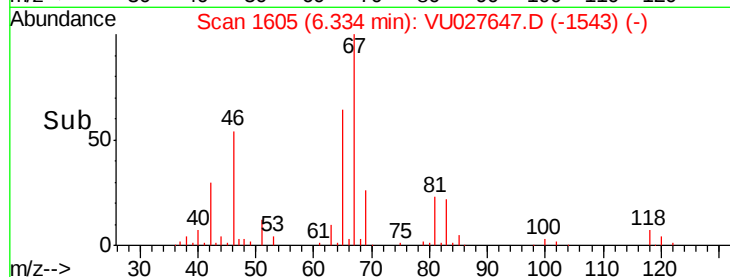
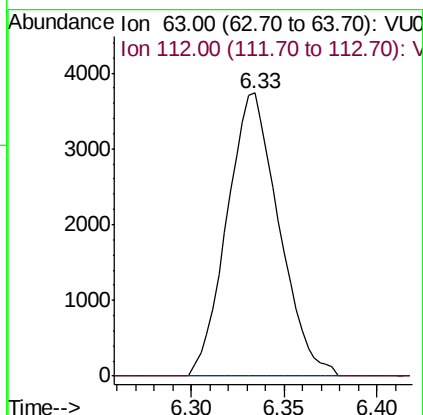
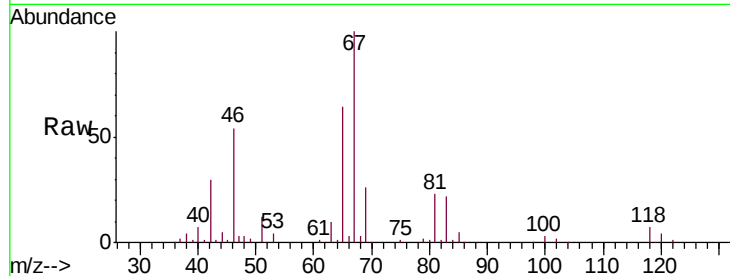




#37
 1,2-Dichloropropane
 Concen: 4.684 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU027647.D
 Acq: 13 Oct 2018 00:41

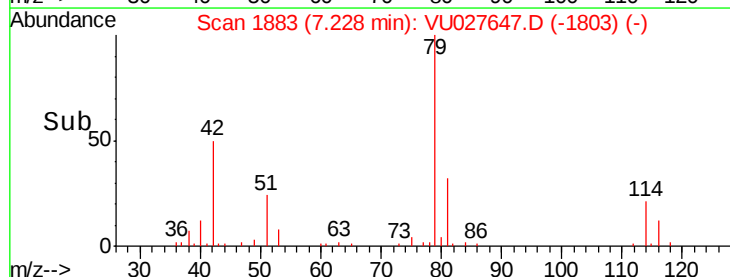
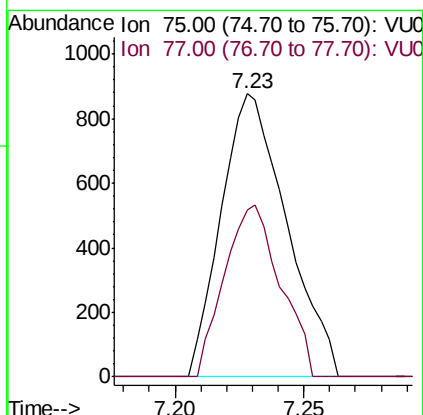
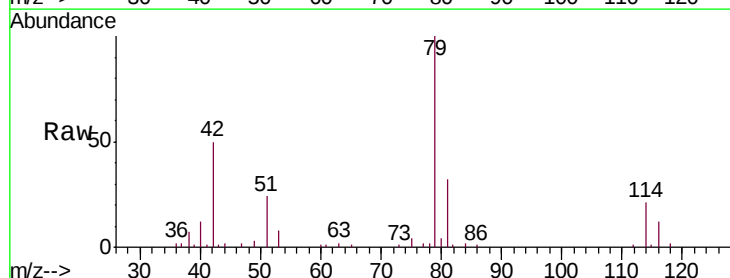
Instrument :
 MSVOA_U
 ClientSampleId :
 C08Y7

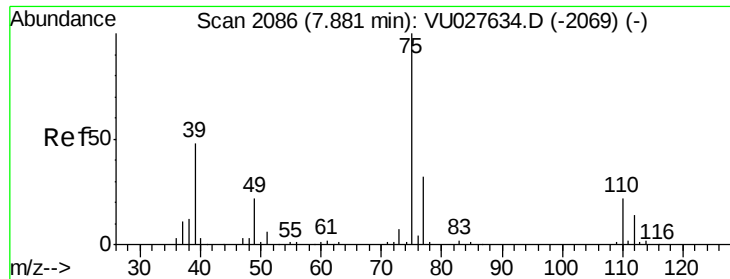
Tgt Ion: 63 Resp: 7253
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.683 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU027647.D
 Acq: 13 Oct 2018 00:41

Tgt Ion: 75 Resp: 1554
 Ion Ratio Lower Upper
 75 100
 77 58.8 22.1 41.1#

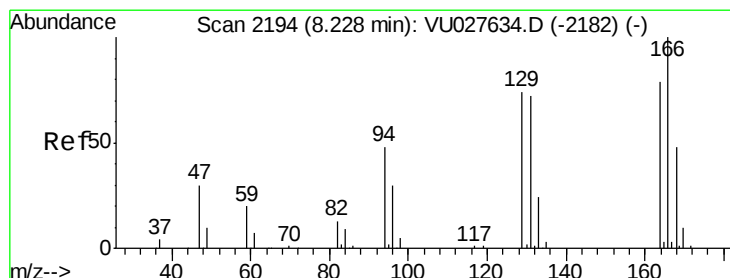
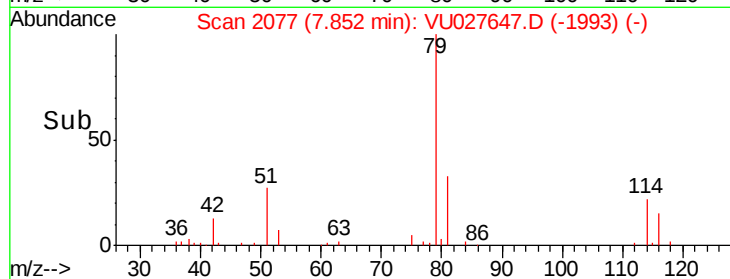
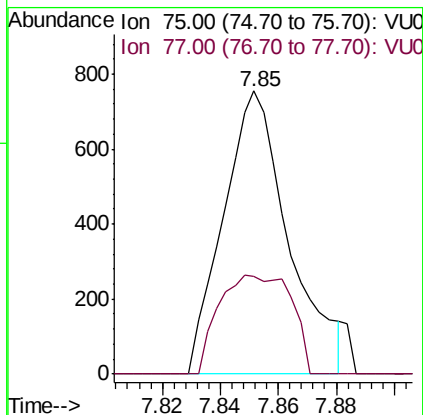
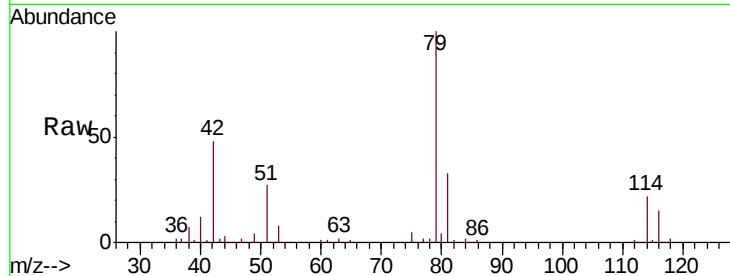




#44
trans-1,3-Dichloropropene
Concen: 0.558 ug/L
RT: 7.85 min Scan# 2077
Delta R.T. -0.03 min
Lab File: VU027647.D
Acq: 13 Oct 2018 00:41

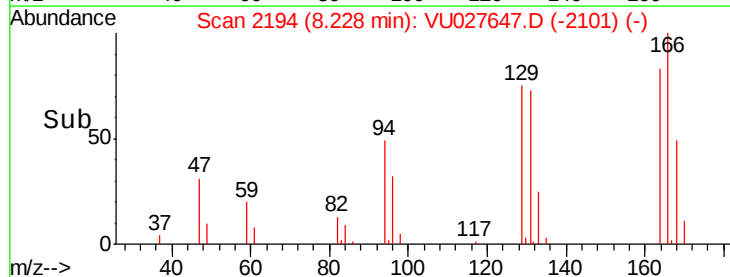
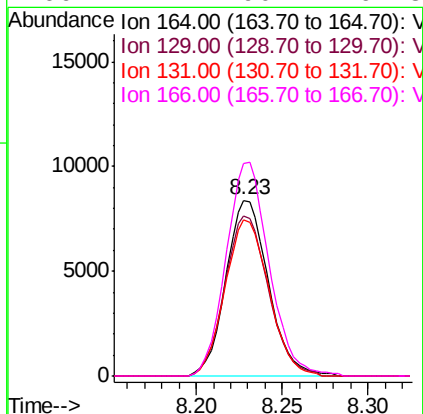
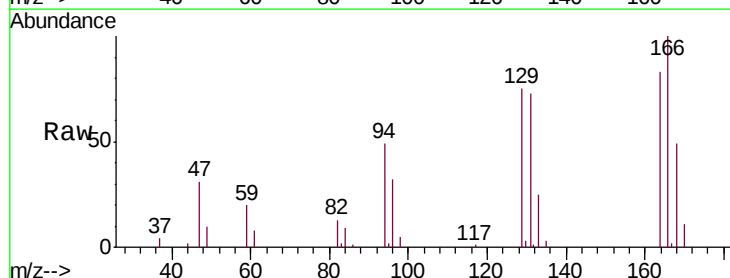
Instrument :
MSVOA_U
ClientSampleId :
C08Y7

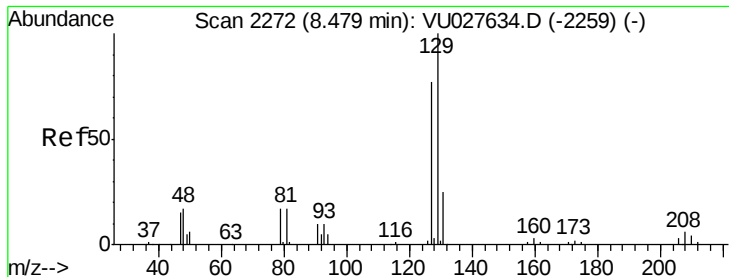
Tgt Ion: 75 Resp: 1178
Ion Ratio Lower Upper
75 100
77 34.4 22.2 41.2



#46
Tetrachloroethene
Concen: 15.073 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027647.D
Acq: 13 Oct 2018 00:41

Tgt Ion: 164 Resp: 14399
Ion Ratio Lower Upper
164 100
129 91.2 67.0 124.4
131 88.7 65.1 120.9
166 121.1 90.4 167.8

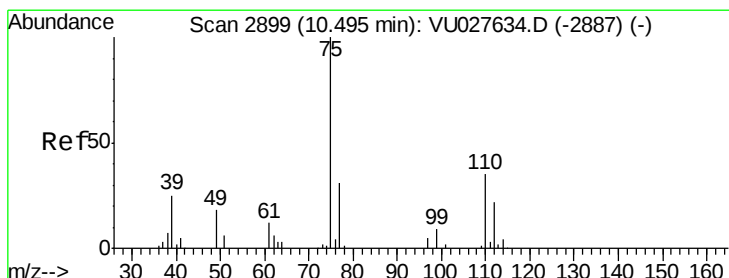
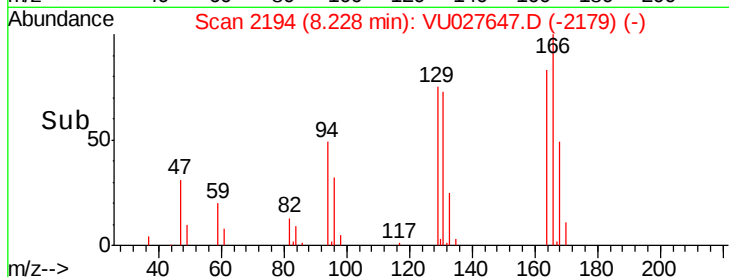
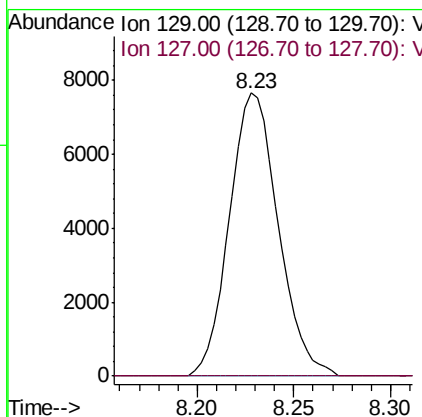
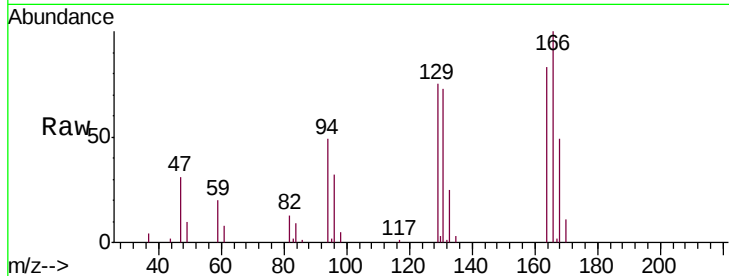




#49
 Dibromochloromethane
 Concen: 10.380 ug/L
 RT: 8.23 min Scan# 2194
 Delta R.T. -0.25 min
 Lab File: VU027647.D
 Acq: 13 Oct 2018 00:41

Instrument :
 MSVOA_U
 ClientSampled :
 C08Y7

Tgt Ion: 129 Resp: 13454
 Ion Ratio Lower Upper
 129 100
 127 0.0 52.7 97.9#



#59
 1,2,3-Trichloropropane
 Concen: 4.976 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU027647.D
 Acq: 13 Oct 2018 00:41

Tgt Ion: 75 Resp: 8723
 Ion Ratio Lower Upper
 75 100
 77 38.4 25.7 38.5

