

Data File : VU028947.D
Acq On : 24 Dec 2018 15:06
Operator : MD/SY
Sample : J6542-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9F78

Quant Time: Dec 25 00:08:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 25 00:02:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	258786	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	246076	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	119149	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	77804	37.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.00%
7) Chloroethane-d5	1.67	69	67275	41.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.96%
11) 1,1-Dichloroethene-d2	2.27	63	111866	32.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.12%
21) 2-Butanone-d5	4.18	46	131943	90.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.77%
24) Chloroform-d	4.65	84	149209	45.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.48%
26) 1,2-Dichloroethane-d4	5.31	65	94736	47.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.22%
32) Benzene-d6	5.34	84	332730	47.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.72%
36) 1,2-Dichloropropane-d6	6.33	67	110081	46.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.22%
41) Toluene-d8	7.56	98	311484	49.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.88%
43) trans-1,3-Dichloropropene-	7.85	79	50631	47.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.68%
47) 2-Hexanone-d5	8.31	63	114872	102.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.41%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	153537	46.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.72%
64) 1,2-Dichlorobenzene-d4	11.86	152	123248	51.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.28%

Target Compounds

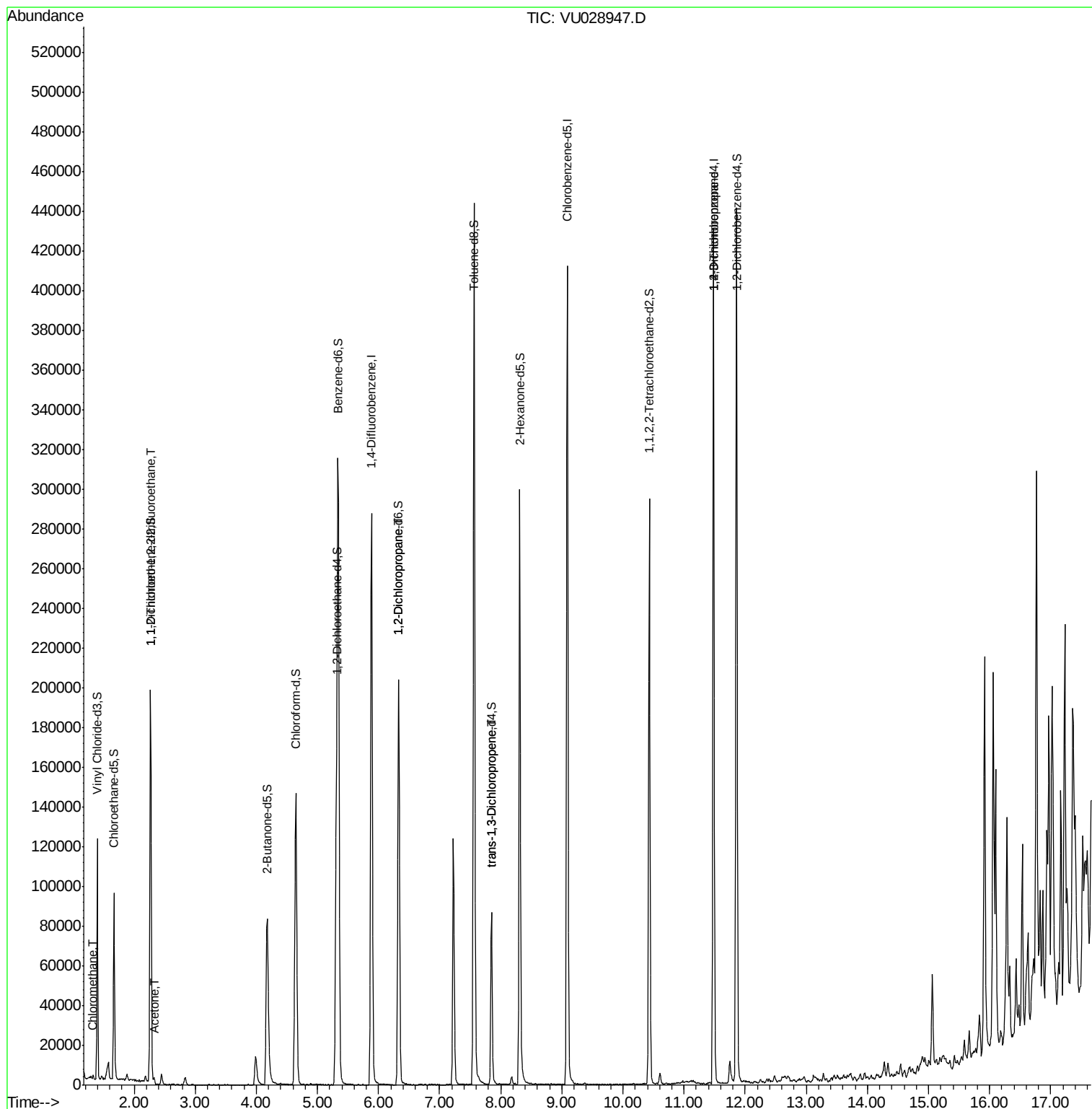
					Qvalue
3) Chloromethane	1.33	50	2024	0.705 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1094	0.652 ug/L #	20
13) Acetone	2.32	43	2208	1.491 ug/L	87
37) 1,2-Dichloropropane	6.33	63	10258	4.684 ug/L #	90
44) trans-1,3-Dichloropropene	7.85	75	1880	0.676 ug/L	94
59) 1,2,3-Trichloropropane	11.48	75	12903	4.937 ug/L	91

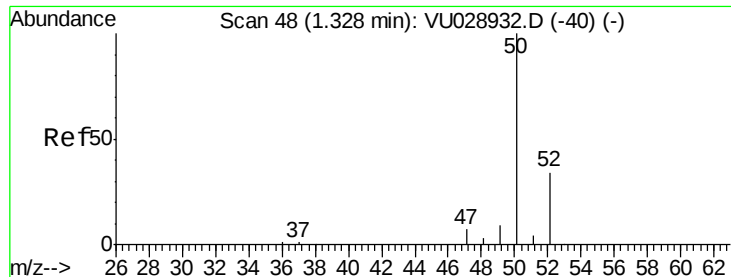
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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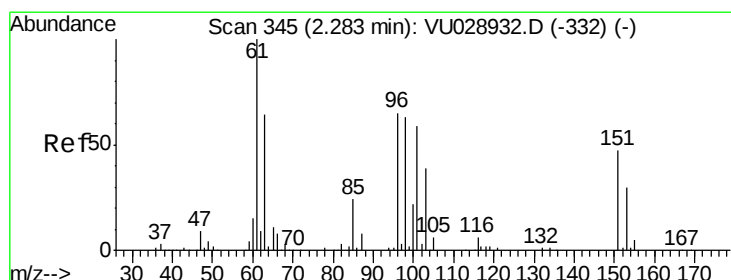
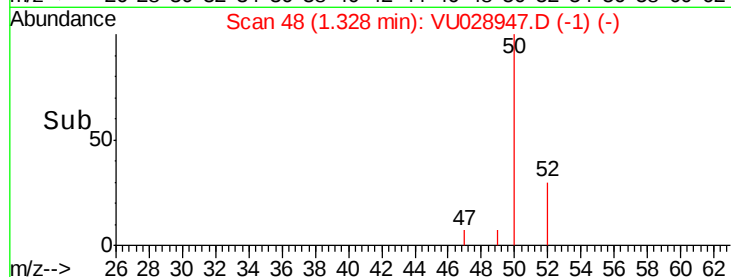
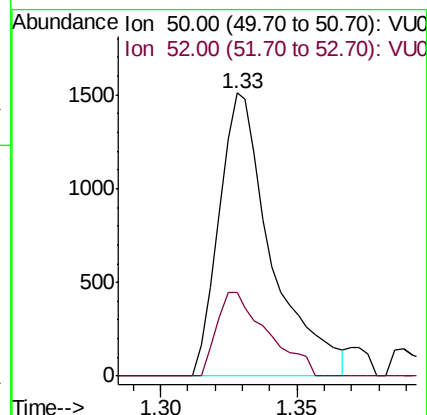
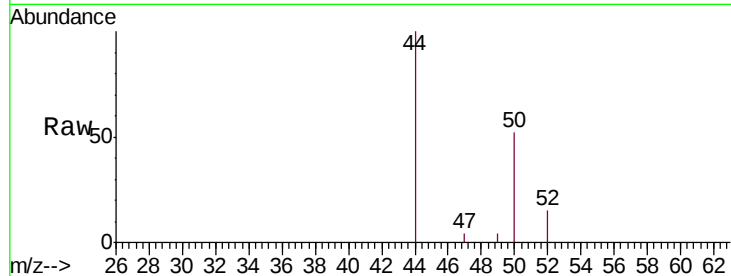




#3
Chloromethane
Concen: 0.705 ug/L
RT: 1.33 min Scan# 48
Delta R.T. 0.00 min
Lab File: VU028947.D
Acq: 24 Dec 2018 15:06

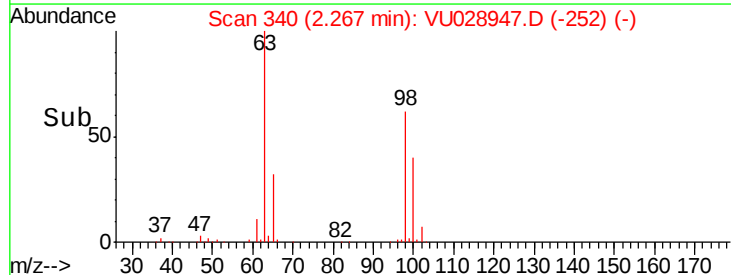
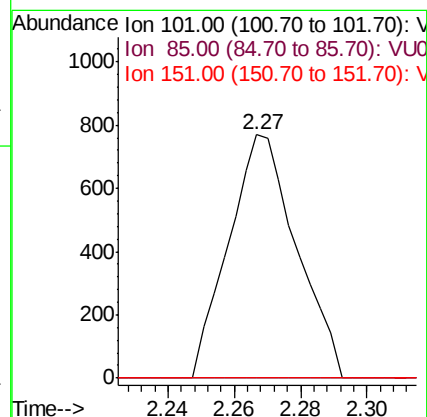
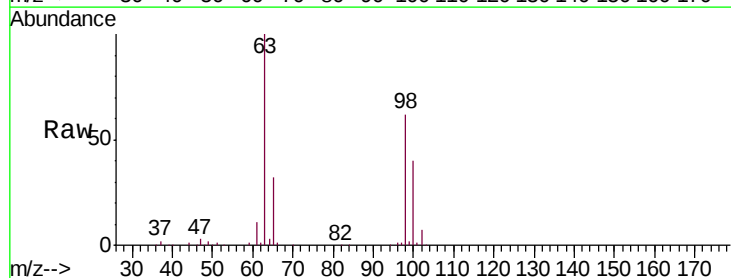
Instrument :
MSVOA_U
ClientSampleId :
F9F78

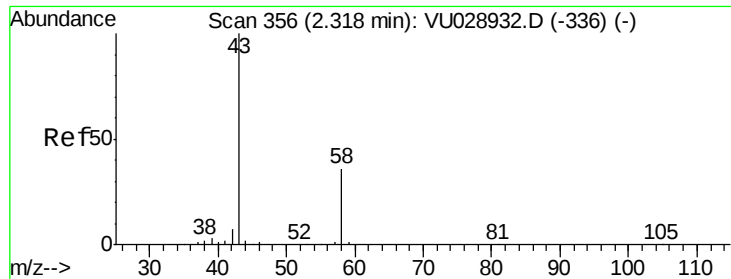
Tgt Ion: 50 Resp: 2024
Ion Ratio Lower Upper
50 100
52 29.8 22.3 41.3



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.652 ug/L
RT: 2.27 min Scan# 340
Delta R.T. -0.02 min
Lab File: VU028947.D
Acq: 24 Dec 2018 15:06

Tgt Ion: 101 Resp: 1094
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 59.4 89.0#





#13

Acetone

Concen: 1.491 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU028947.D

Acq: 24 Dec 2018 15:06

Instrument :

MSVOA_U

ClientSampled :

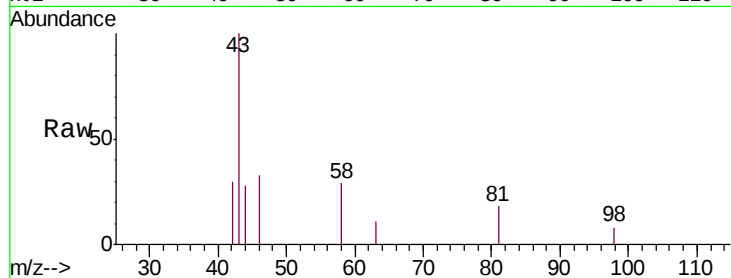
F9F78

Tgt Ion: 43 Resp: 2208

Ion Ratio Lower Upper

43 100

58 27.6 0.0 70.2

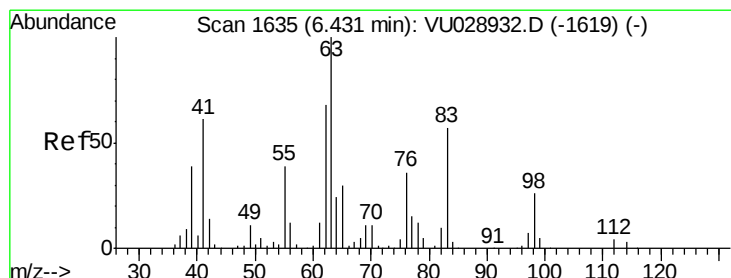
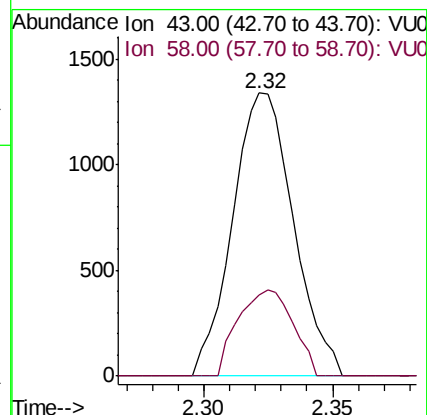
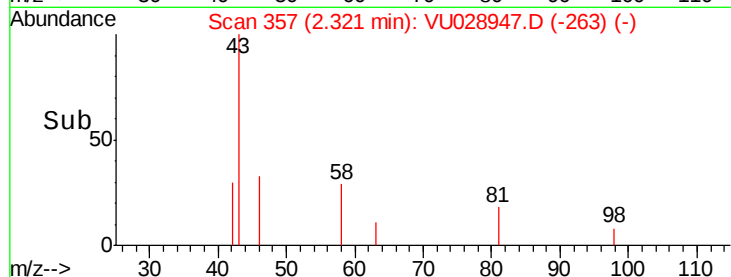


Abundance Ion 43.00 (42.70 to 43.70): VU028932.D (-336) (-)

Ion 58.00 (57.70 to 58.70): VU028932.D (-336) (-)

2.32

2.35



#37

1,2-Dichloropropane

Concen: 4.684 ug/L

RT: 6.33 min Scan# 1603

Delta R.T. -0.10 min

Lab File: VU028947.D

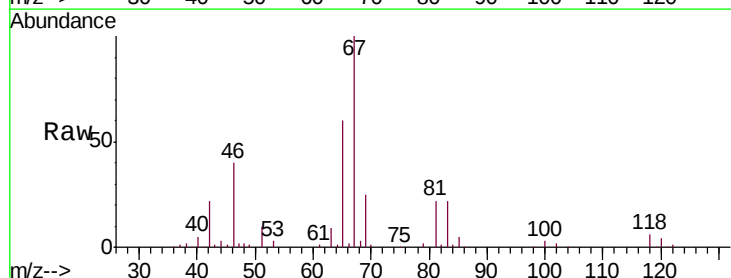
Acq: 24 Dec 2018 15:06

Tgt Ion: 63 Resp: 10258

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#

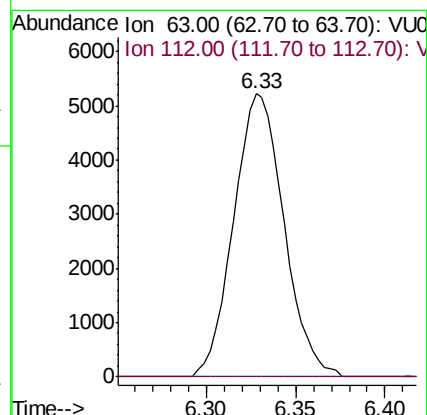
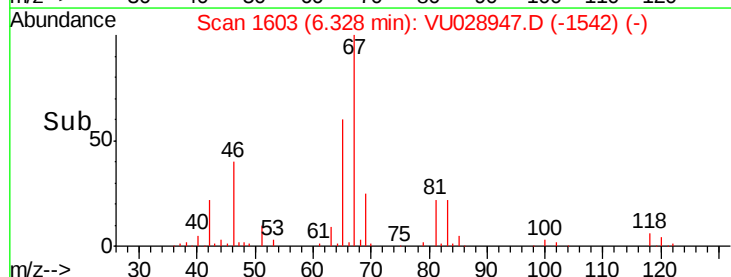


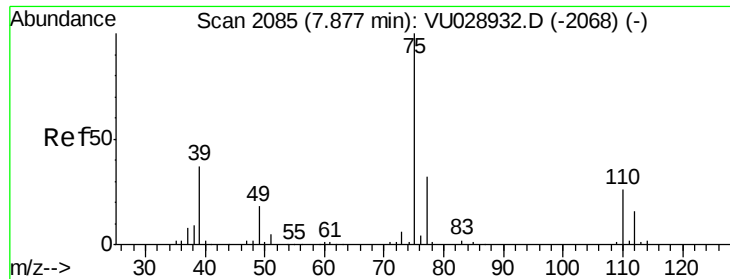
Abundance Ion 63.00 (62.70 to 63.70): VU028932.D (-1619) (-)

Ion 112.00 (111.70 to 112.70): VU028932.D (-1619) (-)

6.33

6.40

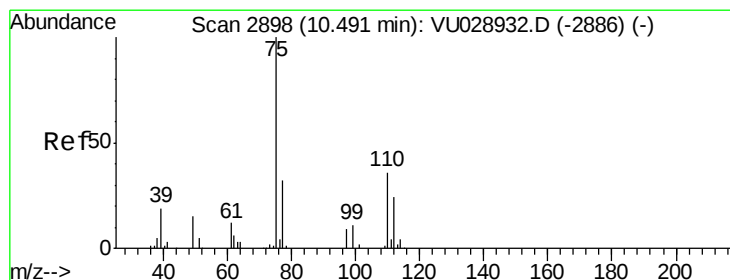
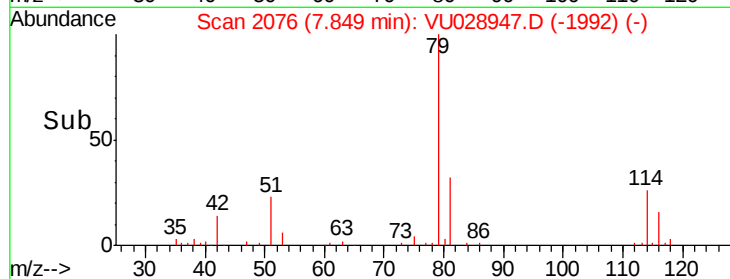
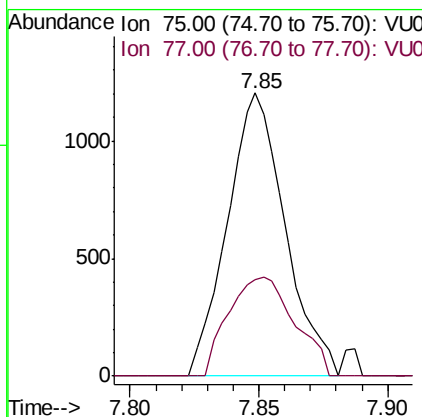
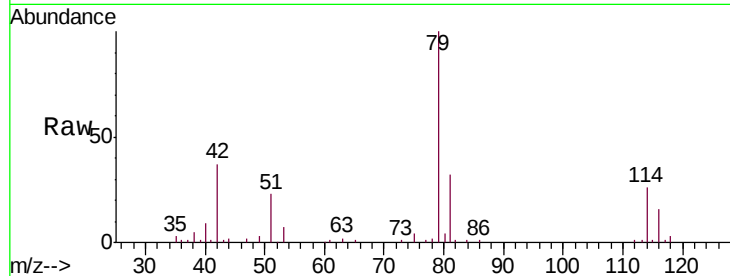




#44
 trans-1,3-Dichloropropene
 Concen: 0.676 ug/L
 RT: 7.85 min Scan# 2076
 Delta R.T. -0.03 min
 Lab File: VU028947.D
 Acq: 24 Dec 2018 15:06

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F78

Tgt Ion: 75 Resp: 1880
 Ion Ratio Lower Upper
 75 100
 77 34.3 21.8 40.6



#59
 1,2,3-Trichloropropane
 Concen: 4.937 ug/L
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.99 min
 Lab File: VU028947.D
 Acq: 24 Dec 2018 15:06

Tgt Ion: 75 Resp: 12903
 Ion Ratio Lower Upper
 75 100
 77 36.9 25.5 38.3

