

Data File : VU030506.D
Acq On : 28 Mar 2019 00:14
Operator : JC/SP
Sample : K2128-10 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1A5

Quant Time: Mar 28 02:51:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 02:45:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	405329	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	380336	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	150314	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	148419	45.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.00%
7) Chloroethane-d5	1.68	69	117547	45.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.92%
11) 1,1-Dichloroethene-d2	2.27	63	212250	34.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.60%
21) 2-Butanone-d5	4.18	46	262148	85.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.49%
24) Chloroform-d	4.65	84	249736	44.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.86%
26) 1,2-Dichloroethane-d4	5.31	65	170033	46.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.46%
32) Benzene-d6	5.34	84	510325	46.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.58%
36) 1,2-Dichloropropane-d6	6.33	67	179037	47.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.96%
41) Toluene-d8	7.56	98	437284	44.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.28%
43) trans-1,3-Dichloropropene-	7.85	79	77004	43.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.76%
47) 2-Hexanone-d5	8.31	63	163177	80.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.69%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	233191	43.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	142493	47.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.62%

Target Compounds

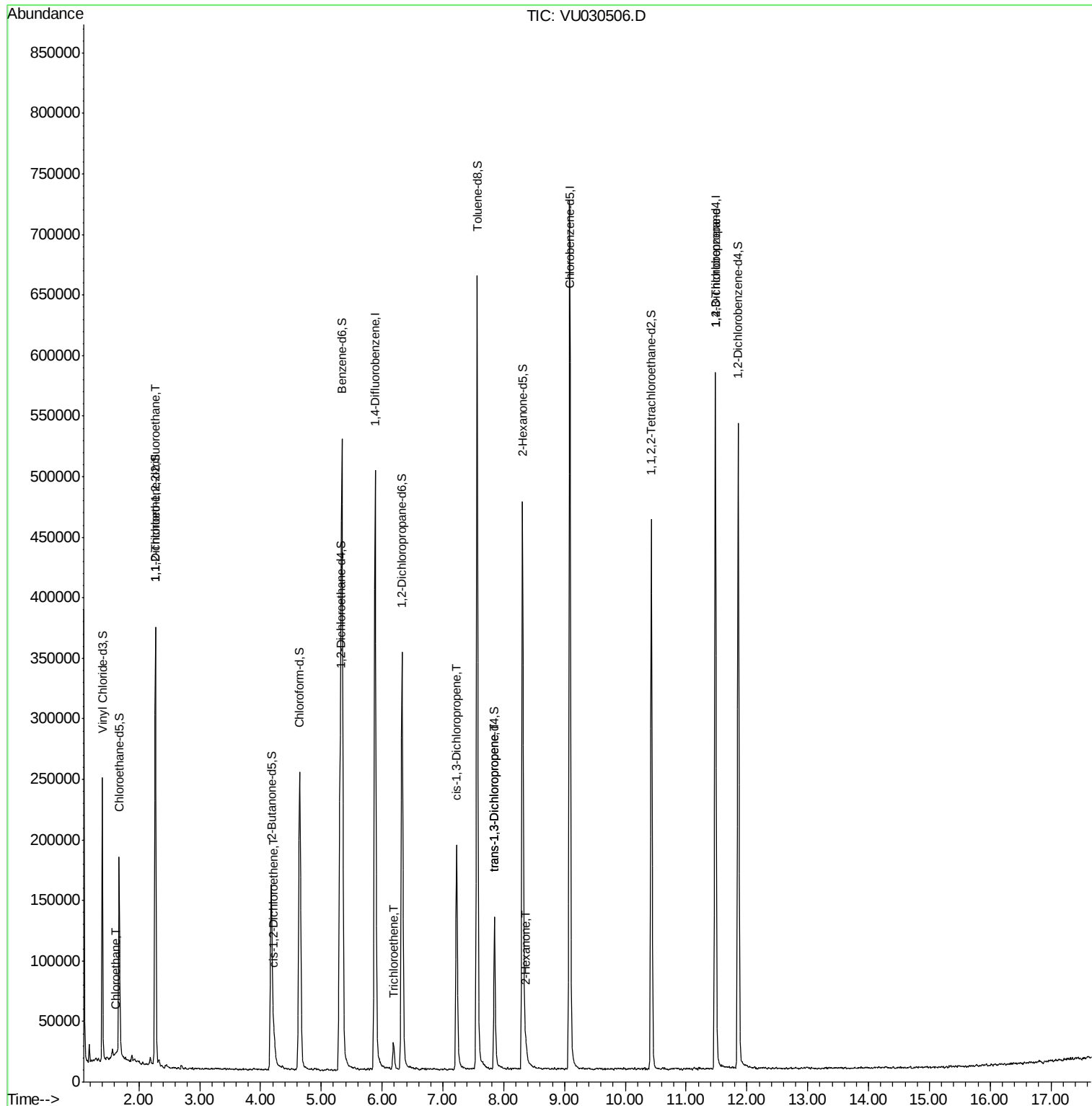
					Qvalue	
8) Chloroethane	1.60	64	2039	0.761	ug/L #	53
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1967	0.665	ug/L #	26
20) cis-1,2-Dichloroethene	4.22	96	3901	1.143	ug/L	90
34) Trichloroethene	6.19	95	8458	2.657	ug/L	95
39) cis-1,3-Dichloropropene	7.22	75	4052	0.767	ug/L #	66
44) trans-1,3-Dichloropropene	7.85	75	2875	0.619	ug/L #	63
48) 2-Hexanone	8.36	43	4860	0.961	ug/L #	77
59) 1,2,3-Trichloropropane	11.48	75	19963	4.464	ug/L	92

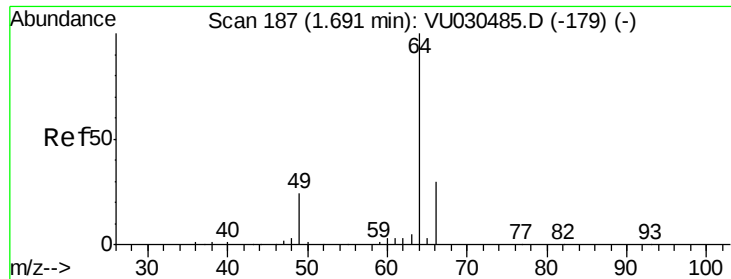
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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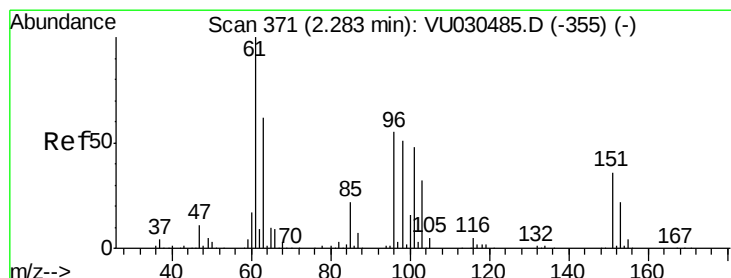
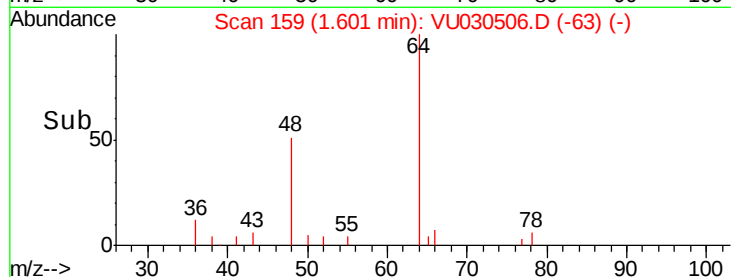
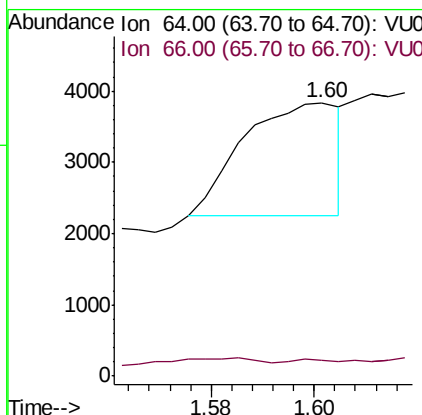
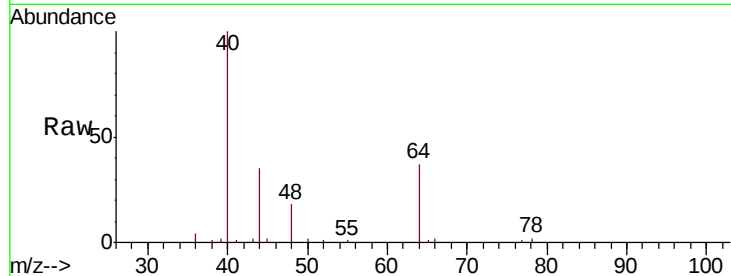




#8
Chloroethane
Concen: 0.761 ug/L
RT: 1.60 min Scan# 159
Delta R.T. -0.09 min
Lab File: VU030506.D
Acq: 28 Mar 2019 00:14

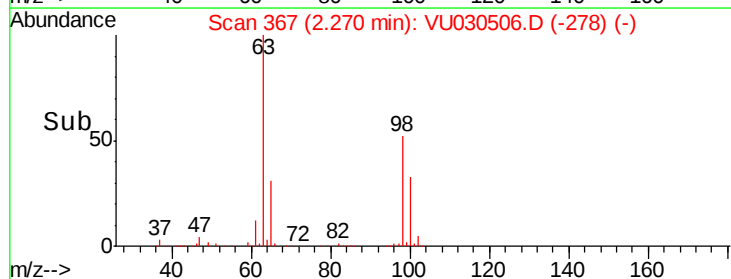
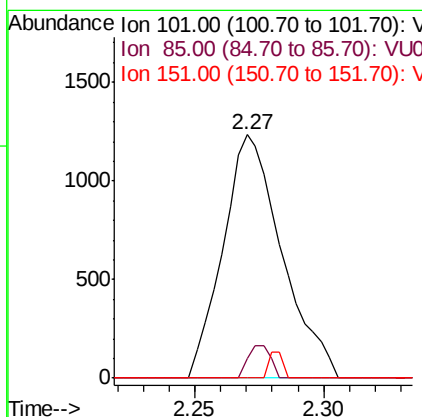
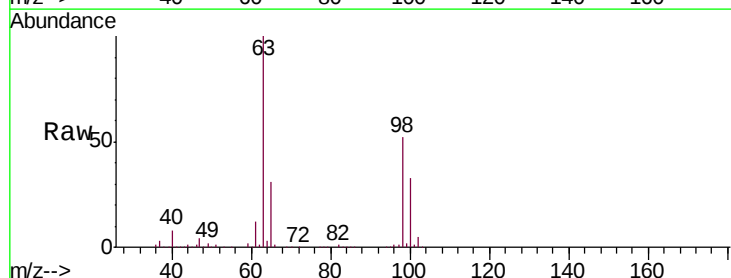
Instrument :
MSVOA_U
ClientSampled :
BF1A5

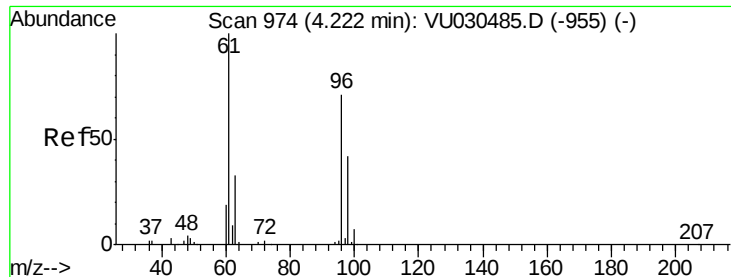
Tgt Ion: 64 Resp: 2039
Ion Ratio Lower Upper
64 100
66 5.9 22.5 41.7#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.665 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU030506.D
Acq: 28 Mar 2019 00:14

Tgt Ion: 101 Resp: 1967
Ion Ratio Lower Upper
101 100
85 5.2 34.8 52.2#
151 2.6 56.6 85.0#





#20

cis-1,2-Dichloroethene

Concen: 1.143 ug/L

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU030506.D

Acq: 28 Mar 2019 00:14

Instrument :

MSVOA_U

ClientSampleId :

BF1A5

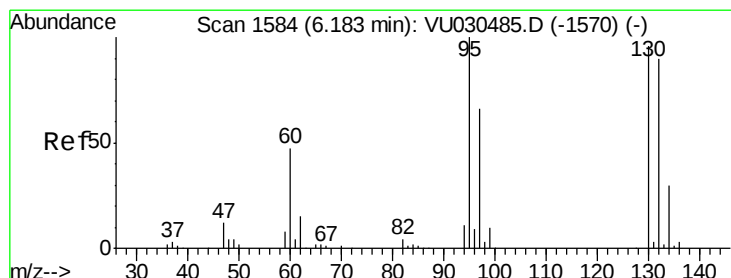
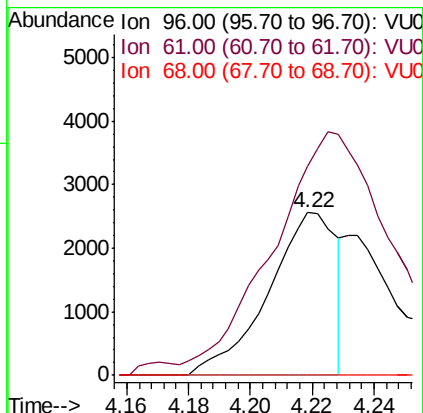
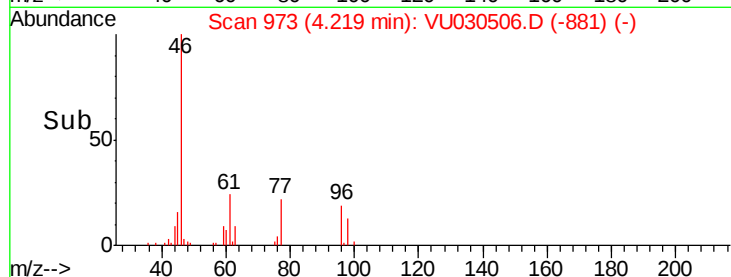
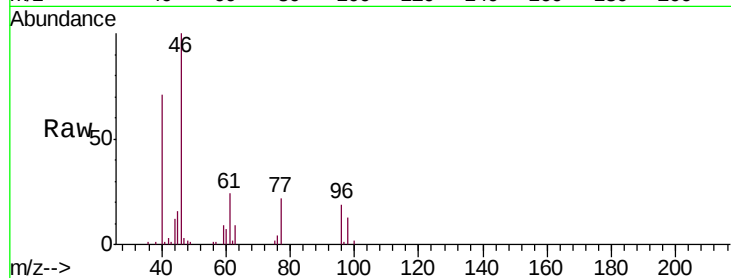
Tgt Ion: 96 Resp: 3901

Ion Ratio Lower Upper

96 100

61 128.8 98.4 182.8

68 0.0 0.0 0.0



#34

Trichloroethene

Concen: 2.657 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.00 min

Lab File: VU030506.D

Acq: 28 Mar 2019 00:14

Tgt Ion: 95 Resp: 8458

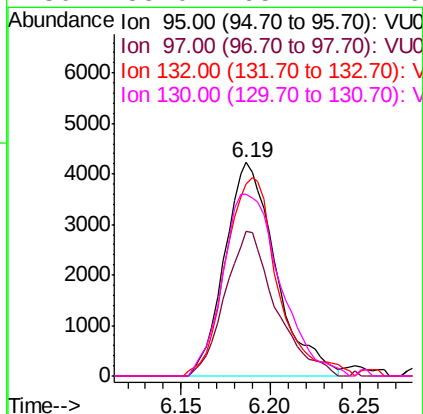
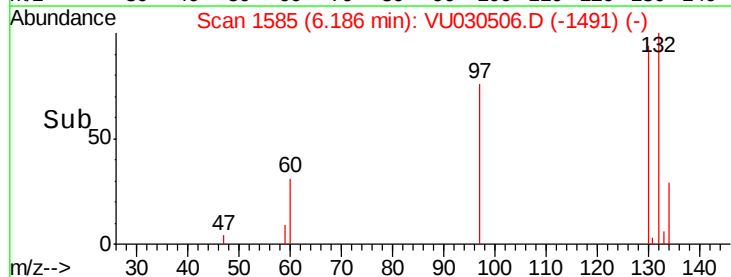
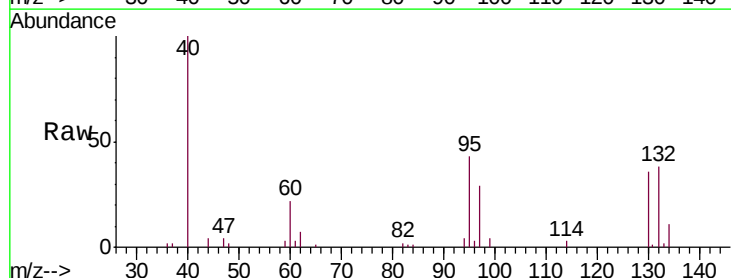
Ion Ratio Lower Upper

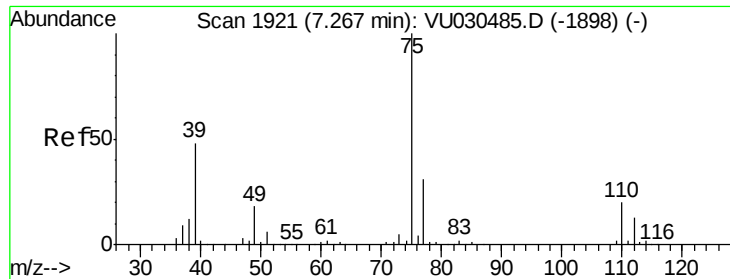
95 100

97 68.0 45.7 84.9

132 90.0 63.8 118.4

130 85.0 65.7 121.9



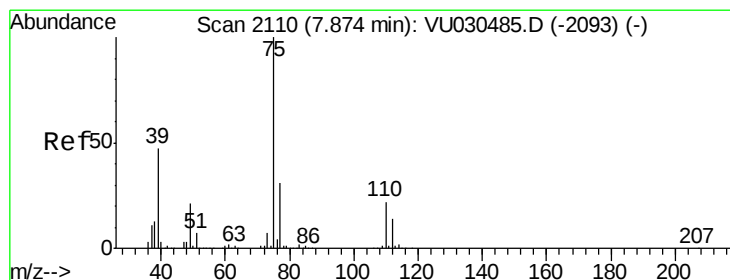
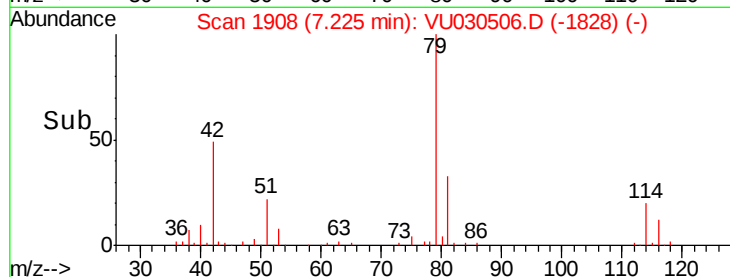
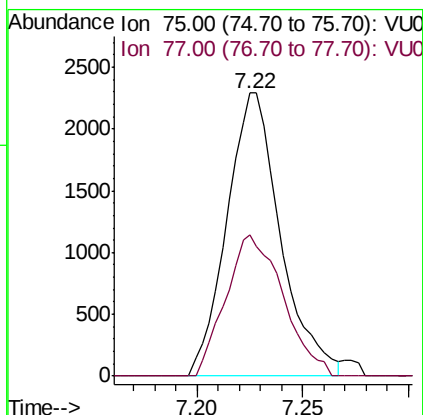
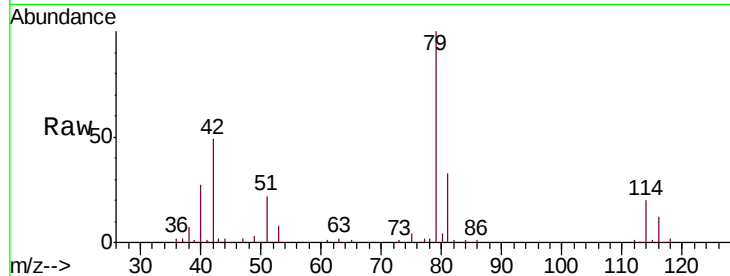


#39

cis-1,3-Dichloropropene
Concen: 0.767 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU030506.D
Acq: 28 Mar 2019 00:14

Instrument :
MSVOA_U
ClientSampled :
BF1A5

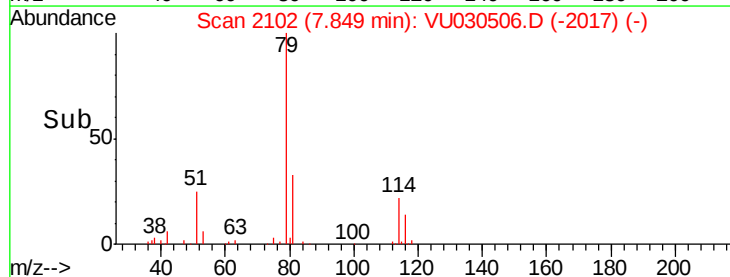
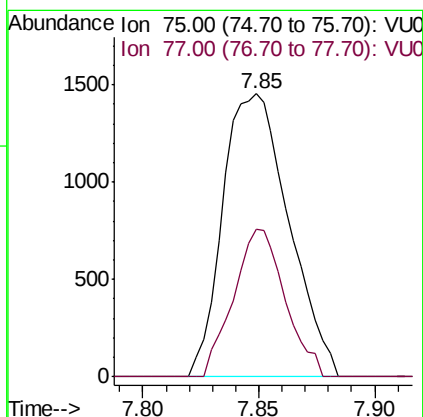
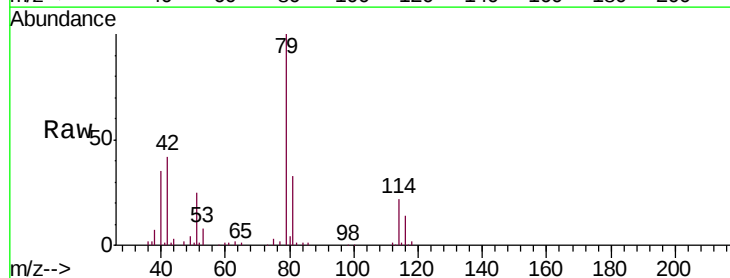
Tgt Ion: 75 Resp: 4052
Ion Ratio Lower Upper
75 100
77 50.1 21.8 40.6#

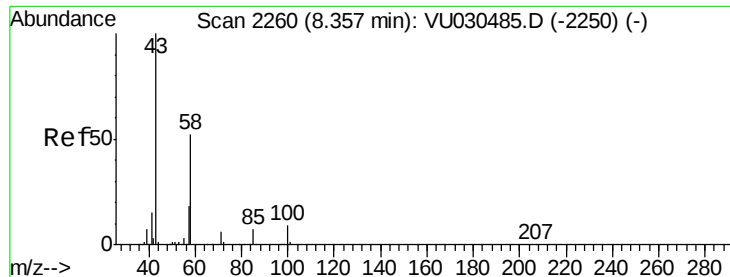


#44

trans-1,3-Dichloropropene
Concen: 0.619 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030506.D
Acq: 28 Mar 2019 00:14

Tgt Ion: 75 Resp: 2875
Ion Ratio Lower Upper
75 100
77 52.1 22.0 40.8#

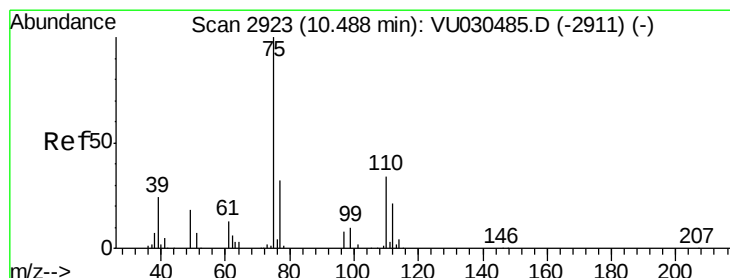
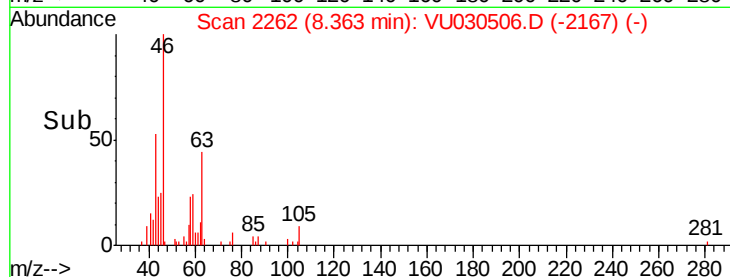
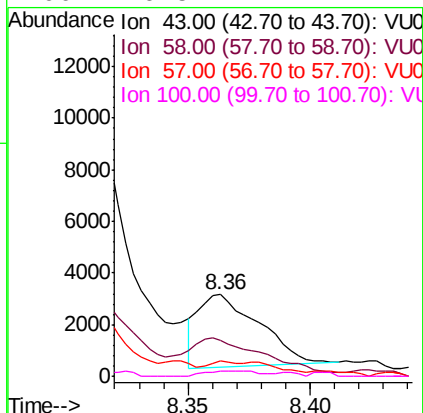
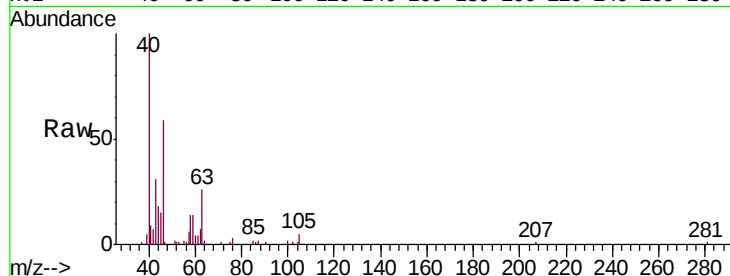




#48
 2-Hexanone
 Concen: 0.961 ug/L
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.01 min
 Lab File: VU030506.D
 Acq: 28 Mar 2019 00:14

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1A5

Tgt Ion: 43 Resp: 4860
 Ion Ratio Lower Upper
 43 100
 58 68.5 42.5 63.7#
 57 2.6 15.0 22.6#
 100 6.5 7.4 11.2#



#59
 1,2,3-Trichloropropane
 Concen: 4.464 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU030506.D
 Acq: 28 Mar 2019 00:14

Tgt Ion: 75 Resp: 19963
 Ion Ratio Lower Upper
 75 100
 77 36.3 25.4 38.2

