

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090419\
 Data File : VV012573.D
 Acq On : 04 Sep 2019 17:58
 Operator : SY/MD
 Sample : K4685-08
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFD77

Quant Time: Sep 05 03:25:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 05 01:26:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	136223	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	139557	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	50224	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49038	3.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.20%
7) Chloroethane-d5	1.58	69	58552	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.60%
11) 1,1-Dichloroethene-d2	2.13	63	93500	2.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.80%#
20) 2-Butanone-d5	3.94	46	123012	48.79	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.58%
24) Chloroform-d	4.40	84	90735	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.08	65	54402	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.10	84	173128	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.12	67	58861	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.36	98	136415	3.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.80%
43) trans-1,3-Dichloropropene-	7.66	79	17820	3.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.00%
46) 2-Hexanone-d5	8.13	63	88171	52.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.34%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	43830	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	45874	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

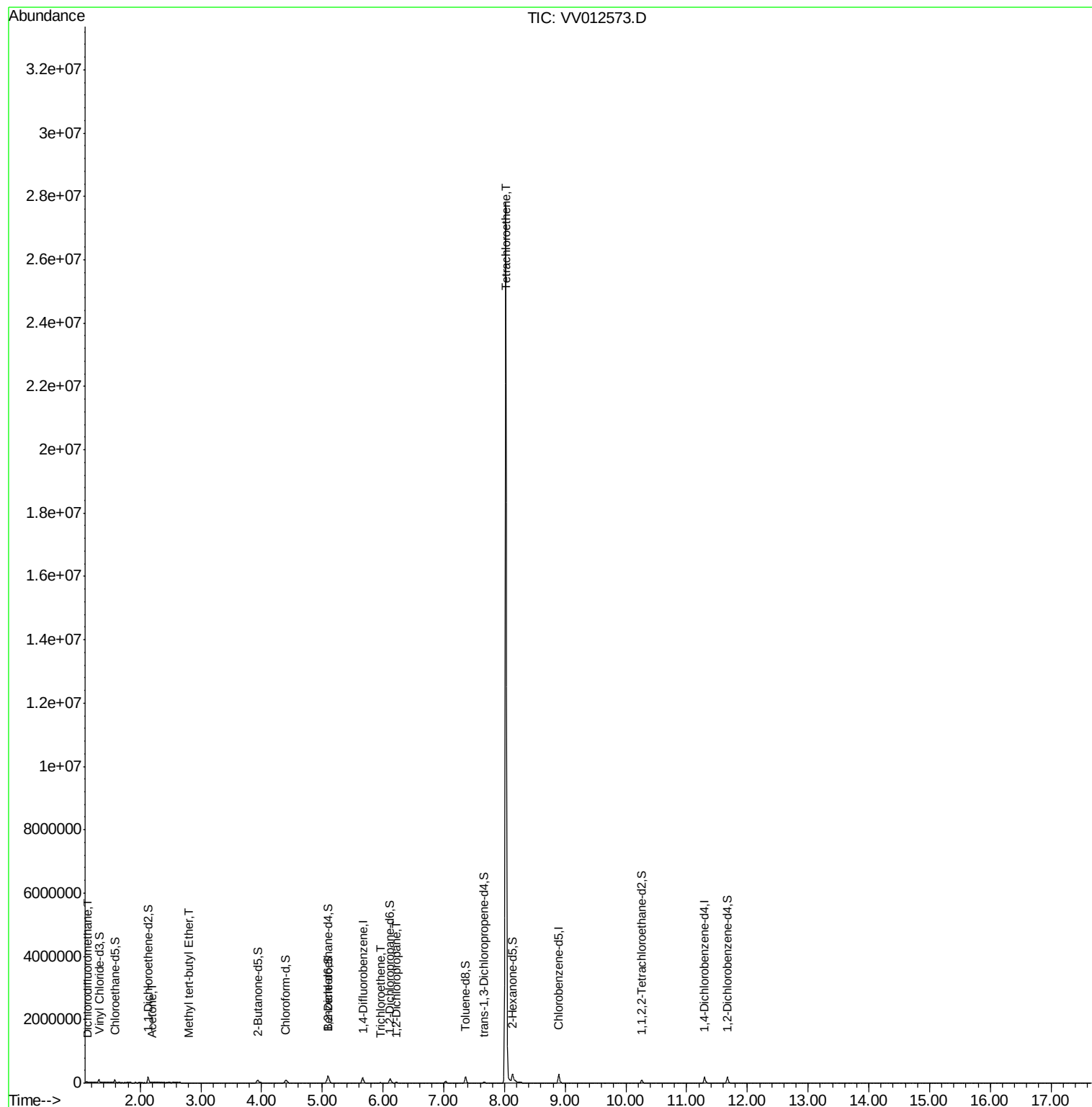
					Ovalue
2) Dichlorodifluoromethane	1.14	85	6227	0.357 ug/L	99
13) Acetone	2.19	43	11872	3.319 ug/L	99
17) Methyl tert-butyl Ether	2.81	73	3978	0.133 ug/L #	32
34) Trichloroethene	5.96	95	2688	0.169 ug/L	82
37) 1,2-Dichloropropane	6.22	63	5623	0.367 ug/L #	94
47) Tetrachloroethene	8.02	164	5142921	448.293 ug/L	96

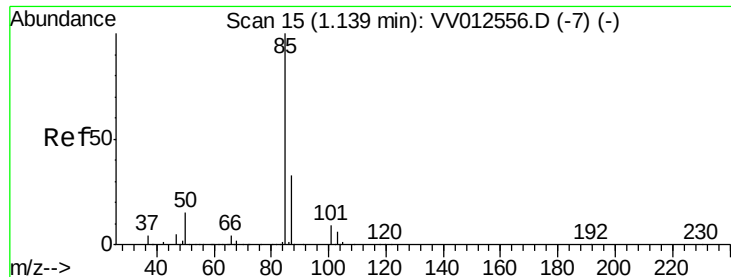
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.357 ug/L

RT: 1.14 min Scan# 15

Delta R.T. -0.00 min

Lab File: VV012573.D

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Instrument :

MSVOA_V

ClientSampleId :

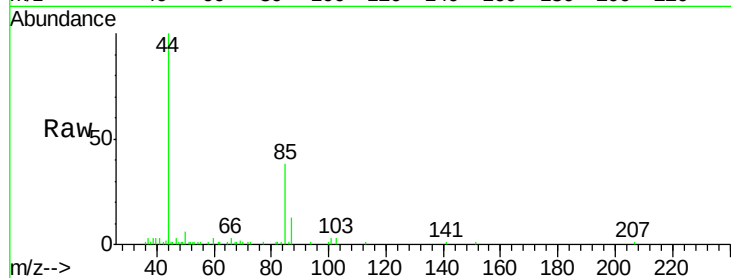
BFD77

Tot Ion: 85 Resp: 6227

Ion Ratio Lower Upper

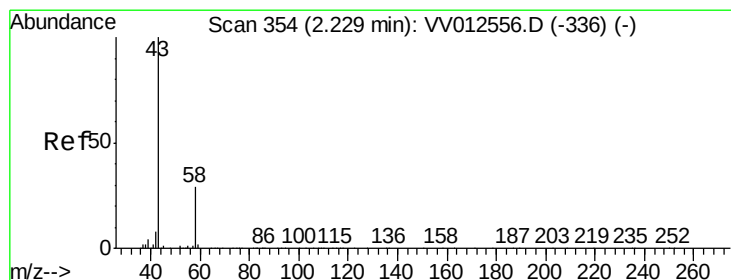
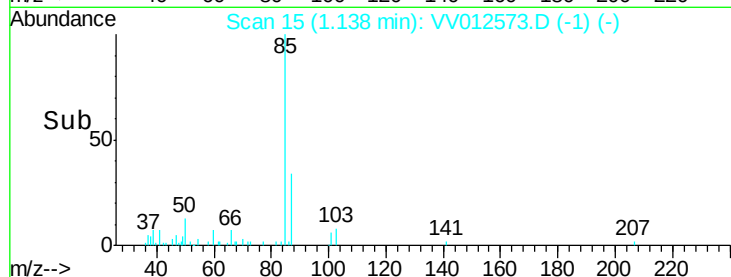
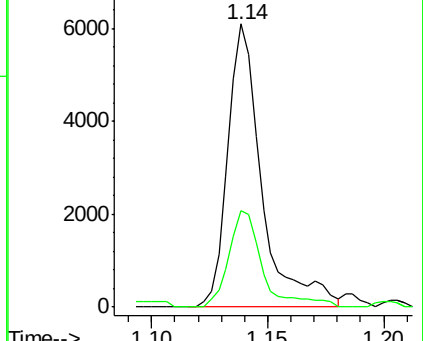
85 100

87 33.5 26.4 39.6



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#13

Acetone

Concen: 3.319 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.04 min

Lab File: VV012573.D

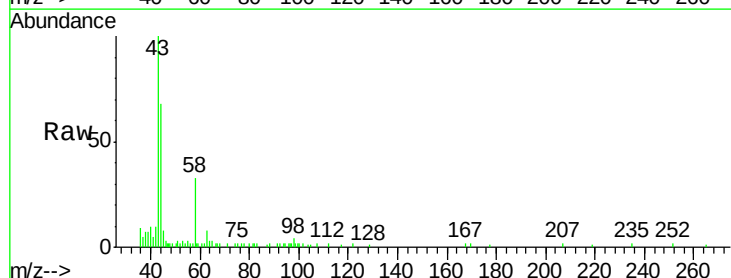
Acq: 04 Sep 2019 17:58

Tgt Ion: 43 Resp: 11872

Ion Ratio Lower Upper

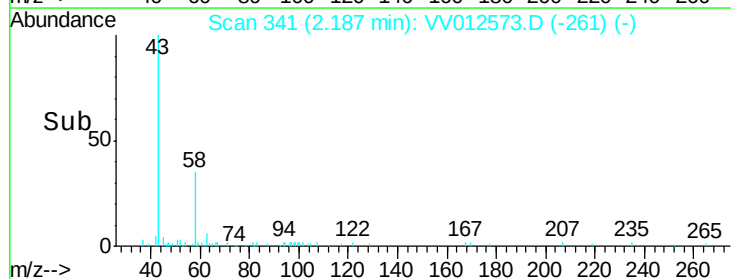
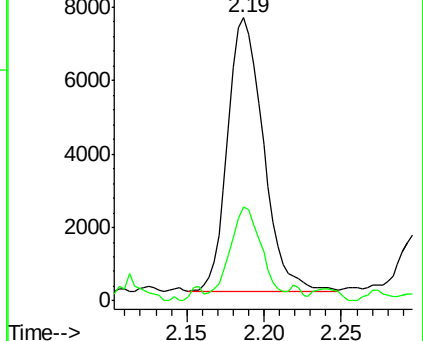
43 100

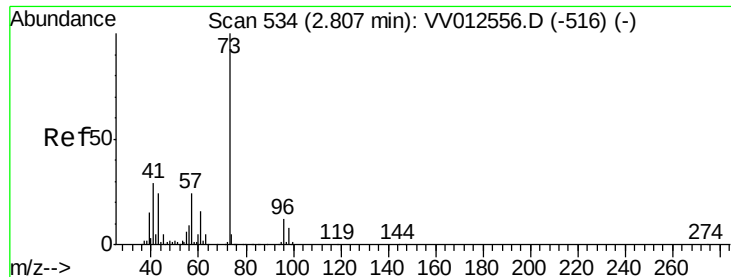
58 29.6 0.0 58.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

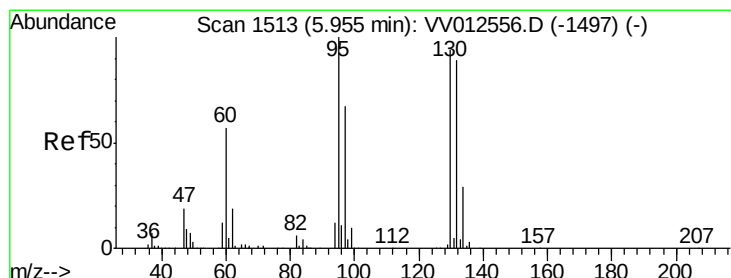
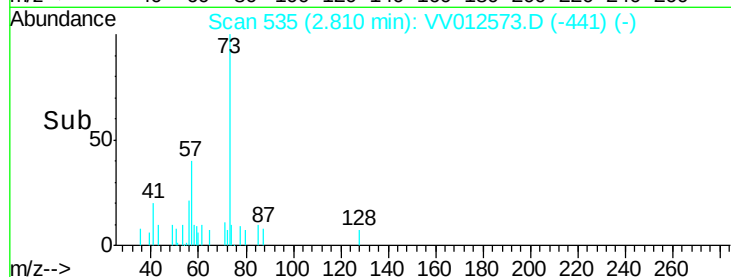
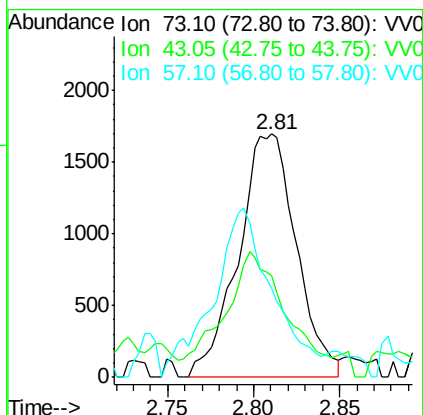
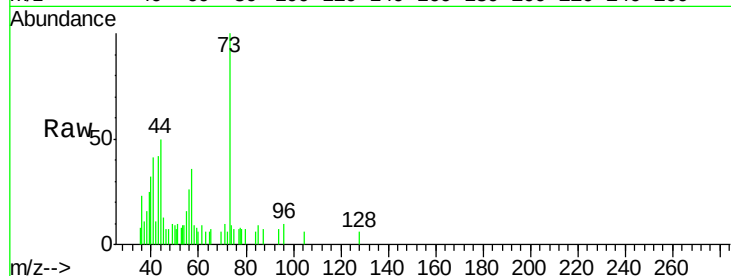




#17
Methvl tert-butvl Ether
Concen: 0.133 ug/L
RT: 2.81 min Scan# 535
Delta R.T. 0.00 min
Lab File: VV012573.D
Acq: 04 Sep 2019 17:58

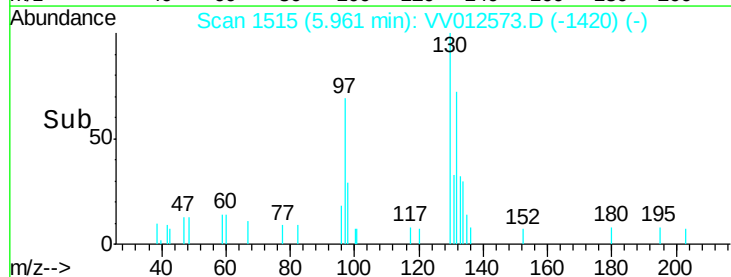
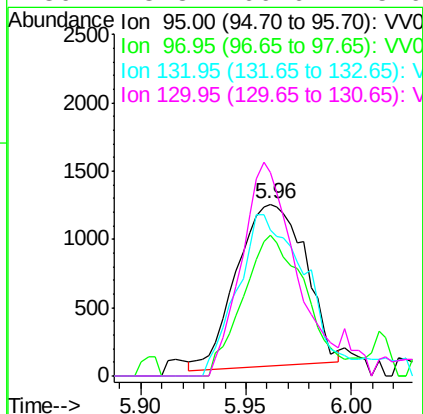
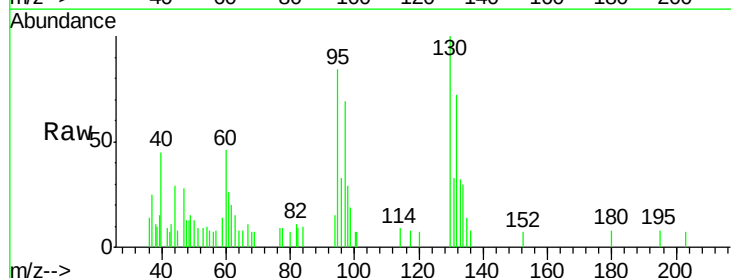
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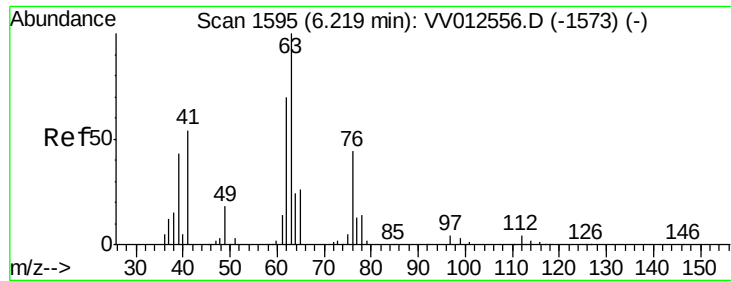
Tot Ion: 73 Resp: 3978
Ion Ratio Lower Upper
73 100
43 41.4 18.9 28.3#
57 71.9 18.3 27.5#



#34
Trichloroethene
Concen: 0.169 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.01 min
Lab File: VV012573.D
Acq: 04 Sep 2019 17:58

Tgt Ion: 95 Resp: 2688
Ion Ratio Lower Upper
95 100
97 82.1 44.7 83.1
132 85.0 63.8 118.4
130 118.8 66.6 123.6

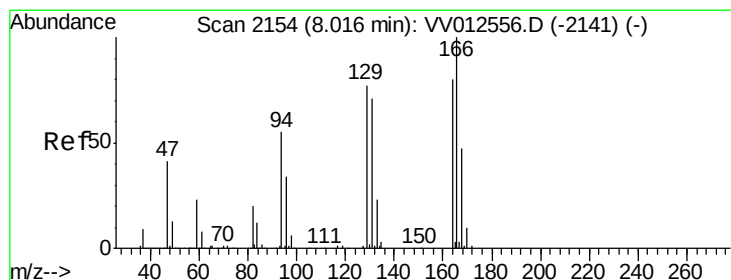
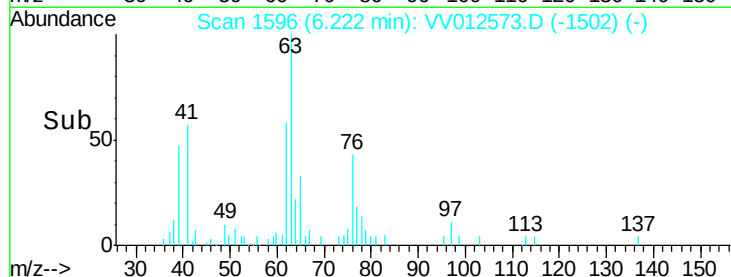
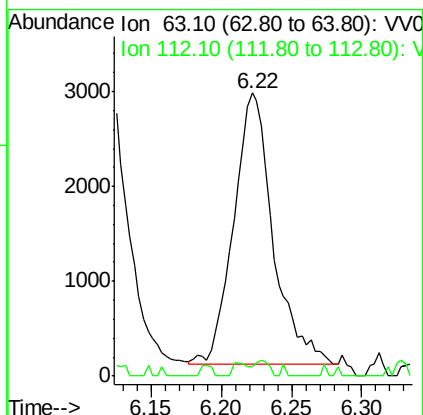
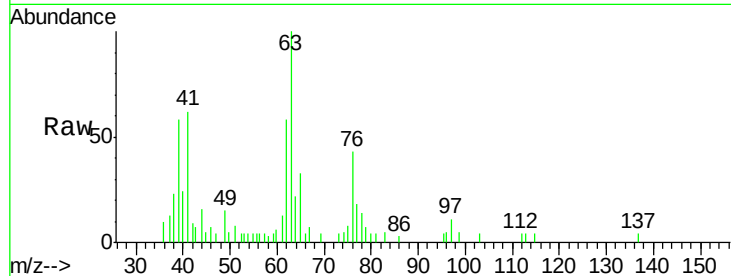




#37
 1,2-Dichloropropane
 Concen: 0.367 ug/L
 RT: 6.22 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: VV012573.D
 Acq: 04 Sep 2019 17:58

Instrument :
 MSVOA_V
 ClientSampled :
 BFD77

Tot Ion: 63 Resp: 5623
 Ion Ratio Lower Upper
 63 100
 112 2.3 3.5 5.3#



#47
 Tetrachloroethene
 Concen: 448.293 ug/L
 RT: 8.02 min Scan# 2156
 Delta R.T. 0.01 min
 Lab File: VV012573.D
 Acq: 04 Sep 2019 17:58

Tgt Ion:164 Resp: 5142921
 Ion Ratio Lower Upper
 164 100
 129 98.9 64.5 119.9
 131 94.6 62.3 115.7
 166 123.7 86.5 160.6

