

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061820\
 Data File : VV016977.D
 Acq On : 18 Jun 2020 14:23
 Operator : SY/MD
 Sample : VIBLK40
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 19 04:37:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 19 04:33:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	355709	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	340886	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	168120	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	90033	35.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.74%
7) Chloroethane-d5	1.58	69	62477	41.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.96%
11) 1,1-Dichloroethene-d2	2.12	63	140438	33.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.64%
21) 2-Butanone-d5	3.91	46	171228	92.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.17%
24) Chloroform-d	4.38	84	226075	44.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.06	65	165164	47.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.16%
32) Benzene-d6	5.08	84	444453	45.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.46%
36) 1,2-Dichloropropane-d6	6.09	67	140721	45.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.88%
41) Toluene-d8	7.34	98	413080	45.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.62%
43) trans-1,3-Dichloropropene-	7.64	79	71430	44.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.54%
47) 2-Hexanone-d5	8.11	63	97996	73.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.38%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	170861	42.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.28%
64) 1,2-Dichlorobenzene-d4	11.65	152	175995	49.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.10%

Target Compounds

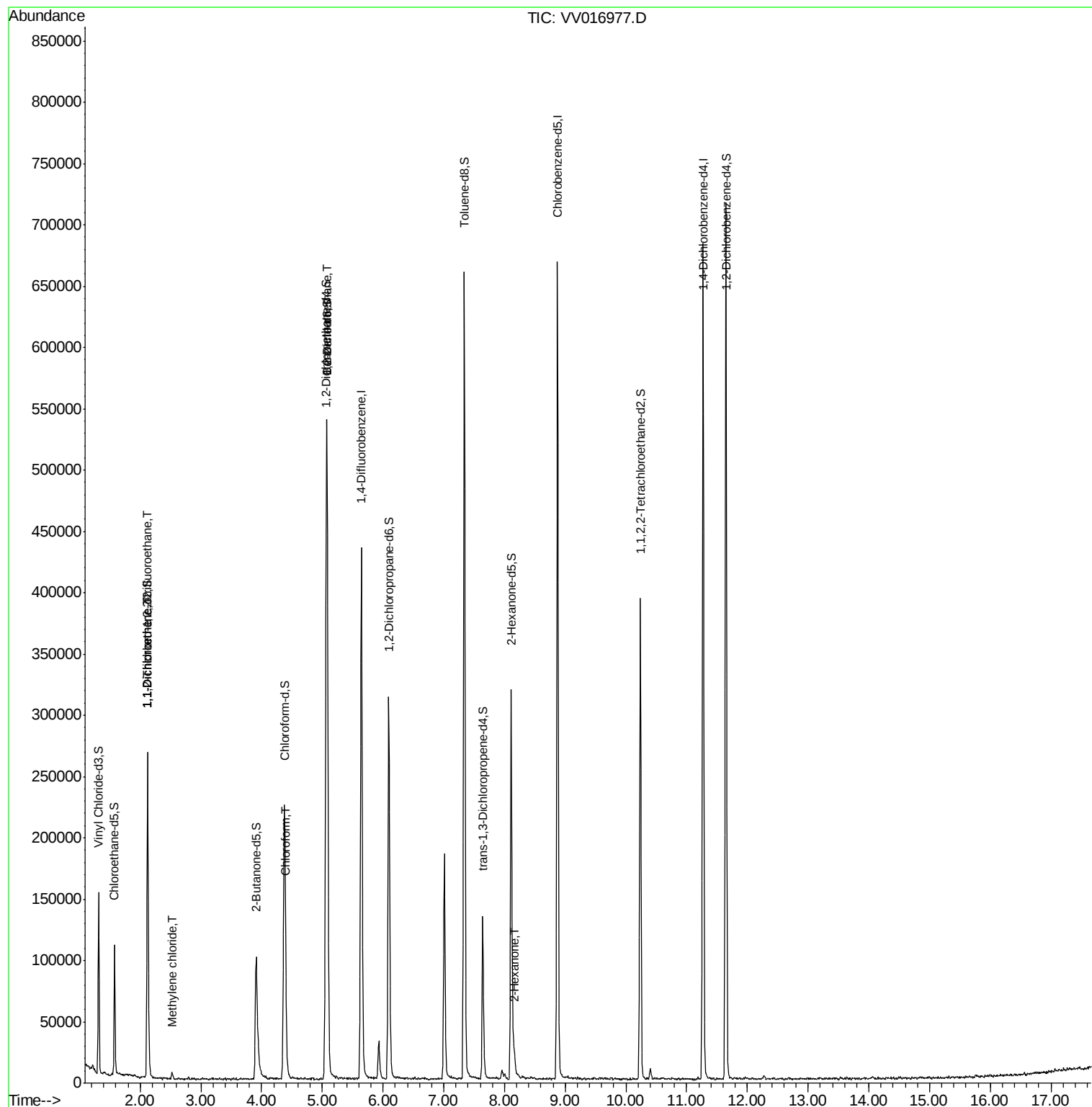
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1375	0.727 ug/L #	25
12) 1,1-Dichloroethene	2.12	96	1349	0.764 ug/L #	1
16) Methylene chloride	2.53	84	2278	0.879 ug/L	77
25) Chloroform	4.41	83	9682	2.079 ug/L	99
27) 1,2-Dichloroethane	5.07	62	3545	0.908 ug/L	97
48) 2-Hexanone	8.16	43	10394	3.607 ug/L #	58

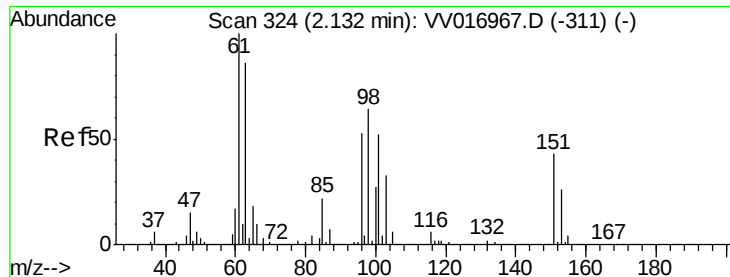
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.727 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016977.D

Acq: 18 Jun 2020 14:23

Instrument :

MSVOA_V

ClientSampleId :

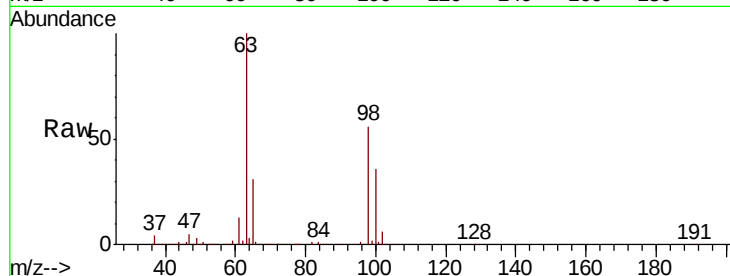
Tot Ion:101 Resp: 1375

Ion Ratio Lower Upper

101 100

85 9.4 35.5 53.3#

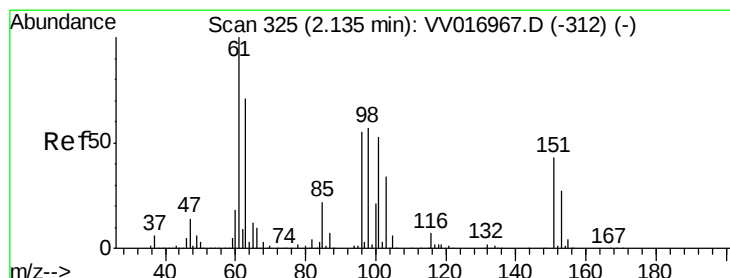
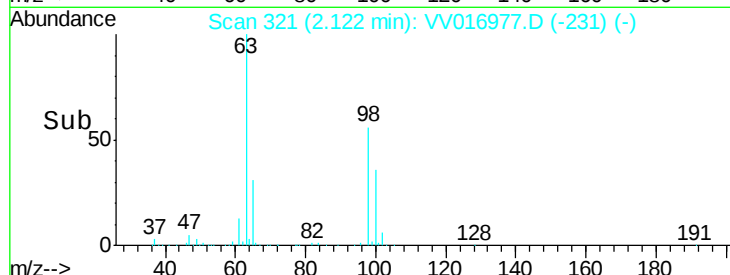
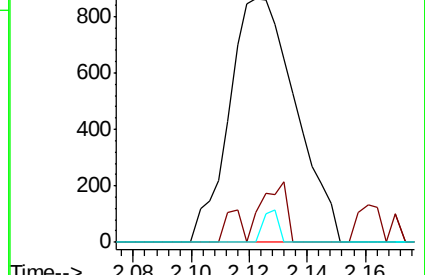
151 3.0 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): VV016977.D (-311) (-)

Ion 85.00 (84.70 to 85.70): VV016977.D (-311) (-)

Ion 151.00 (150.70 to 151.70): VV016977.D (-311) (-)



#12

1,1-Dichloroethene

Concen: 0.764 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016977.D

Acq: 18 Jun 2020 14:23

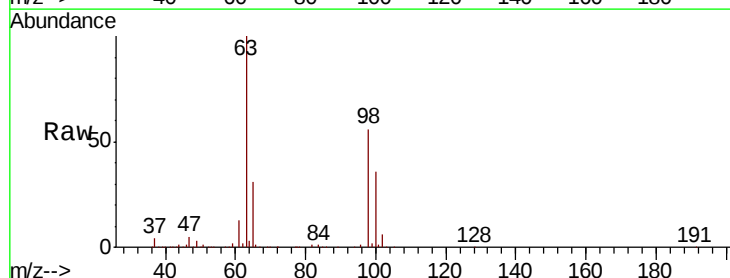
Tgt Ion: 96 Resp: 1349

Ion Ratio Lower Upper

96 100

61 1432.7 130.4 242.2#

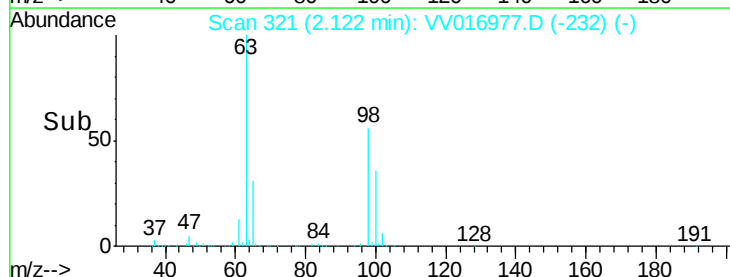
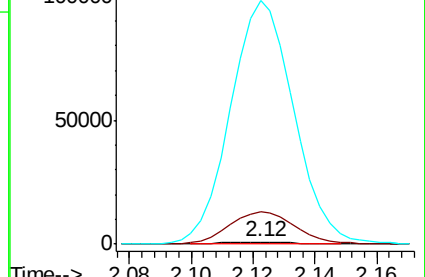
63 10844.2 103.3 191.9#

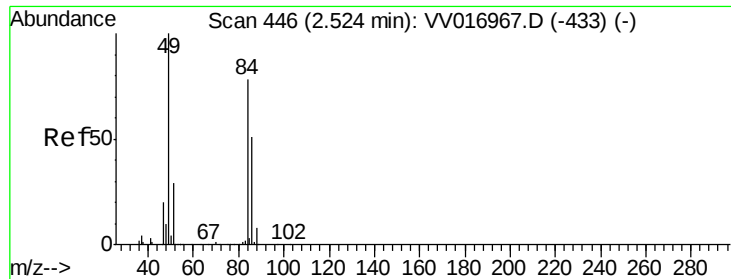


Abundance Ion 96.00 (95.70 to 96.70): VV016977.D (-232) (-)

Ion 61.00 (60.70 to 61.70): VV016977.D (-232) (-)

Ion 63.00 (62.70 to 63.70): VV016977.D (-232) (-)

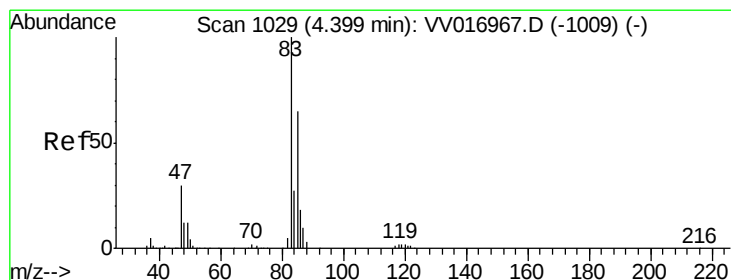
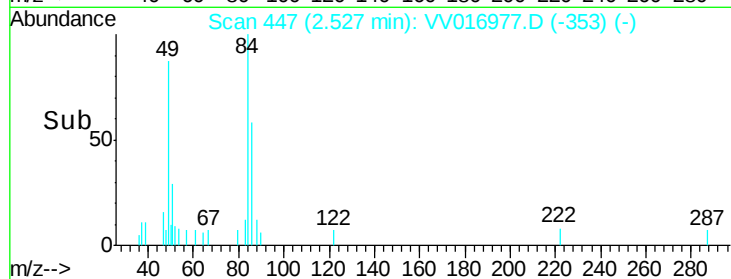
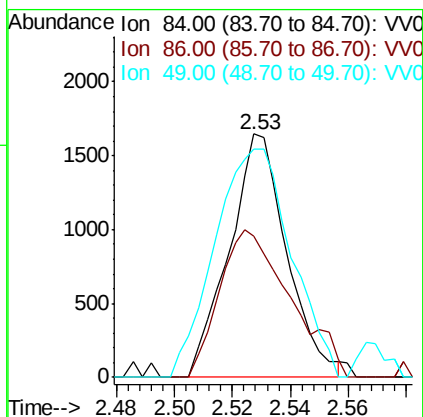
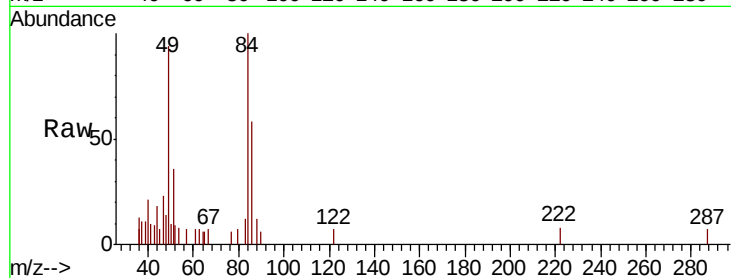




#16
Methvlene chloride
Concen: 0.879 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV016977.D
Acq: 18 Jun 2020 14:23

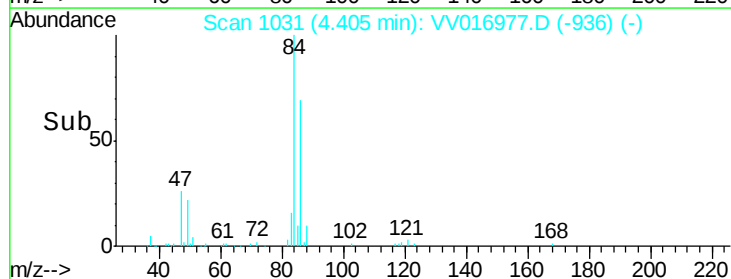
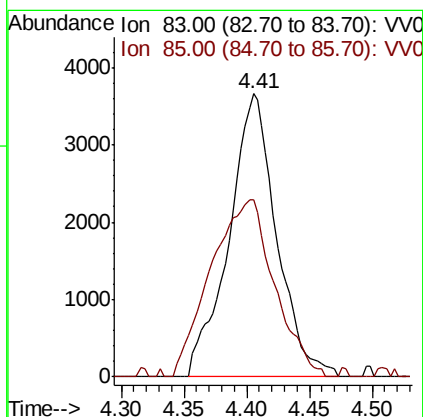
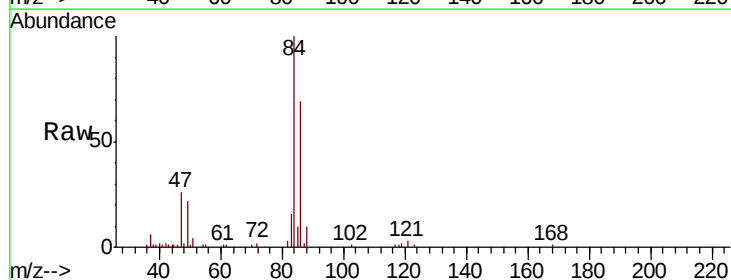
Instrument :
MSVOA_V
ClientSampleId :

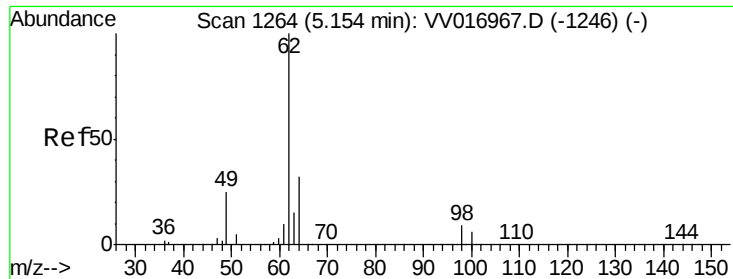
Tot Ion: 84 Resp: 2278
Ion Ratio Lower Upper
84 100
86 58.0 44.0 81.8
49 93.8 90.9 168.9



#25
Chloroform
Concen: 2.079 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV016977.D
Acq: 18 Jun 2020 14:23

Tgt Ion: 83 Resp: 9682
Ion Ratio Lower Upper
83 100
85 62.4 44.1 81.9

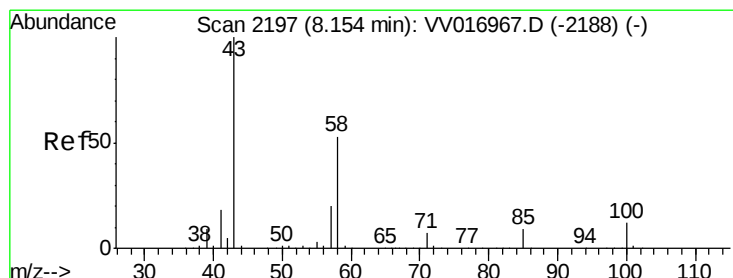
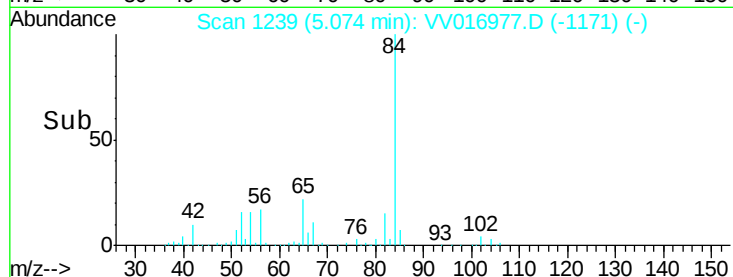
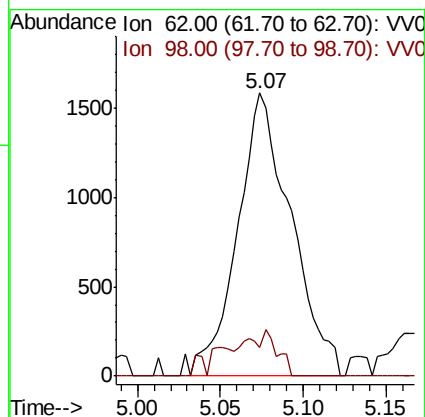
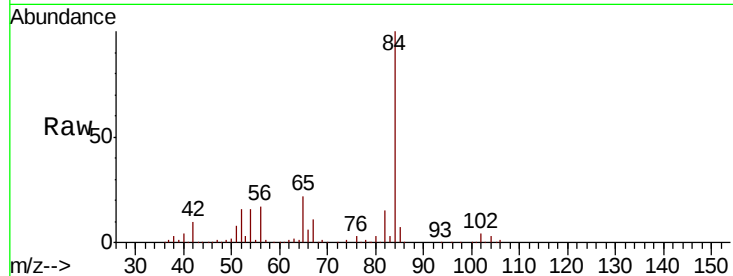




#27
 1,2-Dichloroethane
 Concen: 0.908 ug/L
 RT: 5.07 min Scan# 1239
 Delta R.T. -0.08 min
 Lab File: VV016977.D
 Acq: 18 Jun 2020 14:23

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 62 Resp: 3545
 Ion Ratio Lower Upper
 62 100
 98 10.3 7.4 11.2



#48
 2-Hexanone
 Concen: 3.607 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV016977.D
 Acq: 18 Jun 2020 14:23

Tgt Ion: 43 Resp: 10394
 Ion Ratio Lower Upper
 43 100
 58 11.4 43.1 64.7#
 57 14.8 15.3 22.9#
 100 6.0 10.0 15.0#

