

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061120\
 Data File : VV016818.D
 Acq On : 11 Jun 2020 11:47
 Operator : SY/MD
 Sample : L2929-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 12 01:30:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 12 01:27:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	338378	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	324425	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	164449	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	92855	38.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.78%
7) Chloroethane-d5	1.56	69	67938	47.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.84%
11) 1,1-Dichloroethene-d2	1.99	63	90	0.02	ug/L	-0.12
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.04%#
21) 2-Butanone-d5	3.89	46	174691	98.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.85%
24) Chloroform-d	4.37	84	215485	44.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.76%
26) 1,2-Dichloroethane-d4	5.05	65	156274	47.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.64%
32) Benzene-d6	5.07	84	417880	44.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.36%
36) 1,2-Dichloropropane-d6	6.09	67	129180	44.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.62%
41) Toluene-d8	7.34	98	379180	44.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.36%
43) trans-1,3-Dichloropropene-	7.64	79	63557	41.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.72%
47) 2-Hexanone-d5	8.11	63	109296	86.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.00%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	179585	46.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.08%
64) 1,2-Dichlorobenzene-d4	11.65	152	168360	47.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.94%

Target Compounds

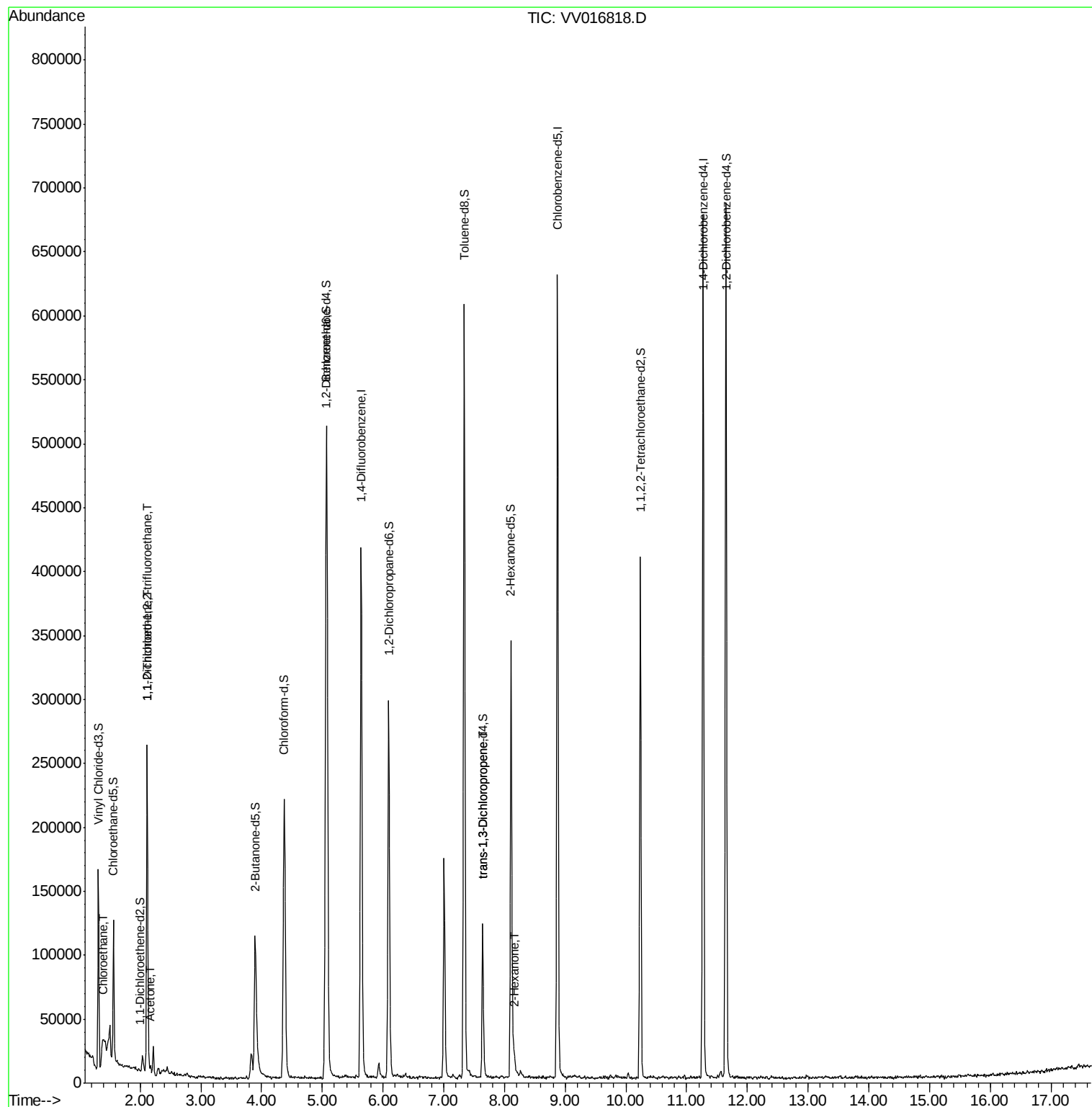
					Ovalue
8) Chloroethane	1.39	64	27271	22.884	ug/L # 51
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1409	0.783	ug/L # 21
12) 1,1-Dichloroethene	2.12	96	1445	0.860	ug/L # 1
13) Acetone	2.17	43	6387	5.485	ug/L 95
44) trans-1,3-Dichloropropene	7.64	75	3414	0.906	ug/L 92
48) 2-Hexanone	8.17	43	7890	2.877	ug/L # 44

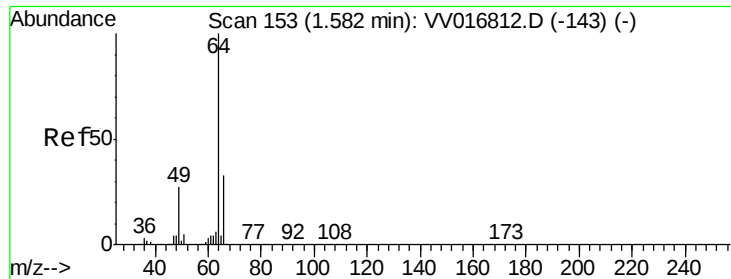
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jun 12 01:27:40 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 22.884 ug/L

RT: 1.39 min Scan# 93

Delta R.T. -0.19 min

Lab File: VV016818.D

Acq: 11 Jun 2020 11:47

Instrument :

MSVOA_V

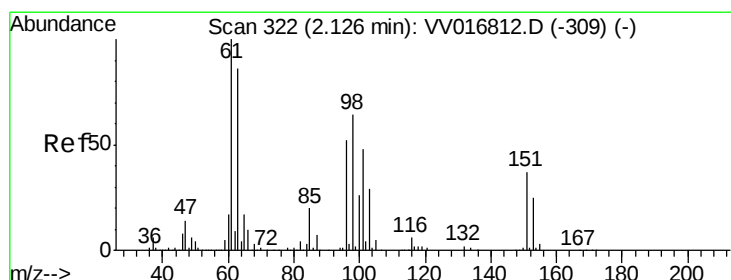
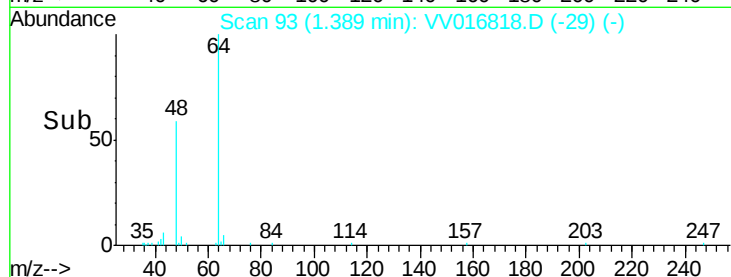
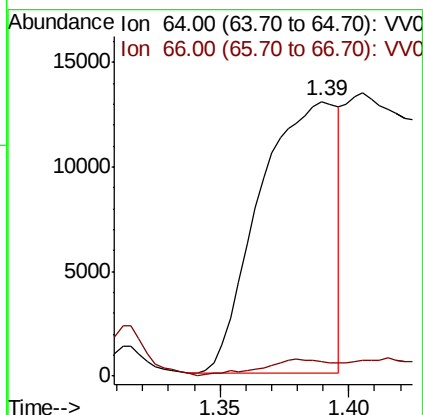
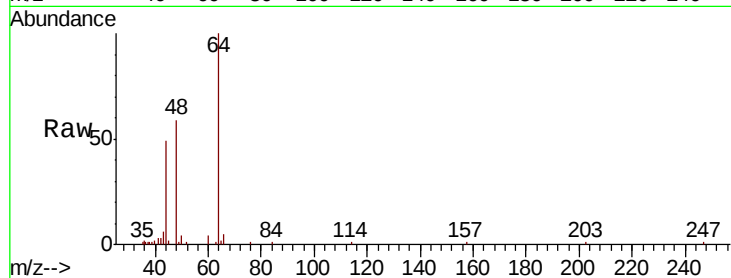
ClientSampleId :

Tot Ion: 64 Resp: 27271

Ion Ratio Lower Upper

64 100

66 5.4 23.2 43.0#



#10

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

Concen: 0.783 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016818.D

Acq: 11 Jun 2020 11:47

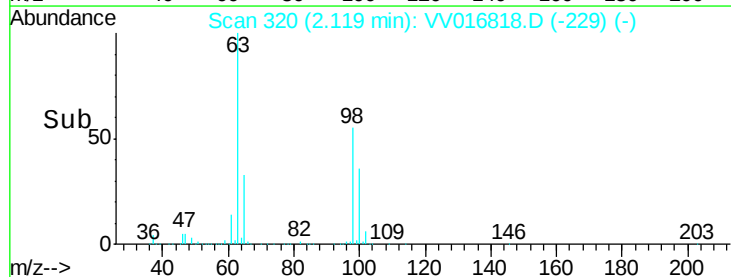
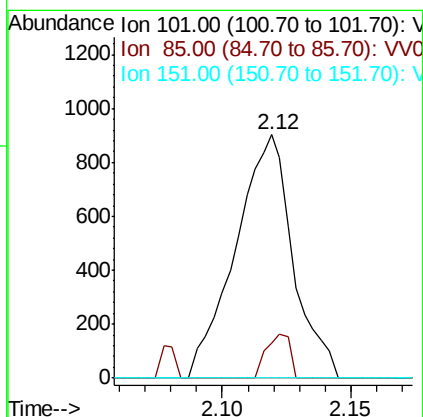
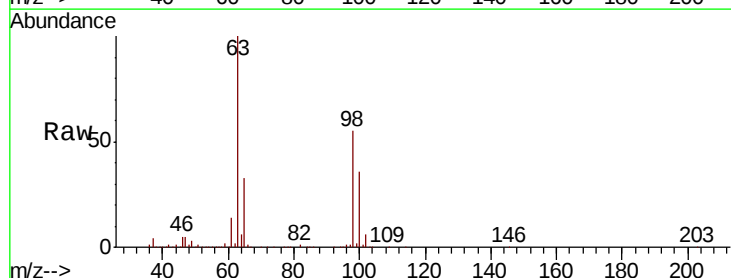
Tgt Ion: 101 Resp: 1409

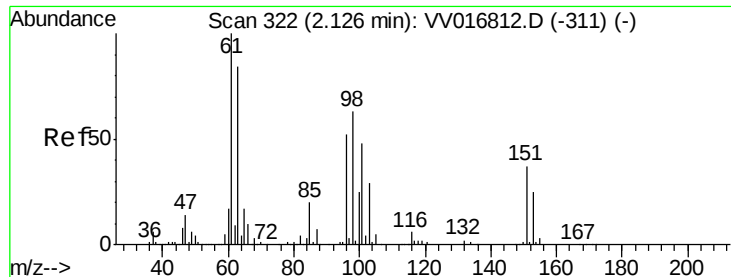
Ion Ratio Lower Upper

101 100

85 7.5 35.5 53.3#

151 0.0 63.9 95.9#





#12

1,1-Dichloroethene

Concen: 0.860 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016818.D

Acq: 11 Jun 2020 11:47

Instrument :
MSVOA_V
ClientSampleId :

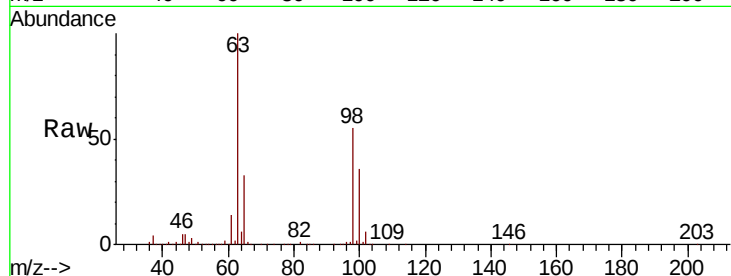
Tot Ion: 96 Resp: 1445

Ion Ratio Lower Upper

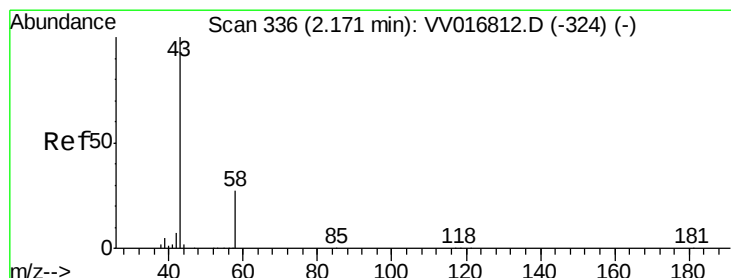
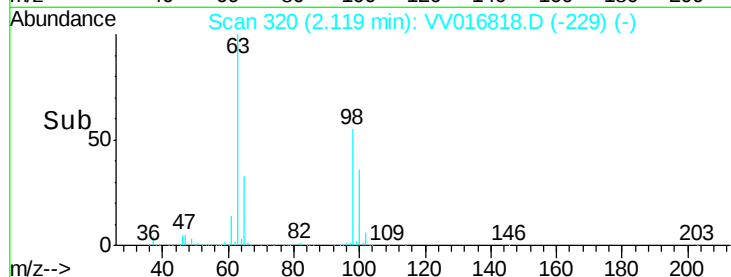
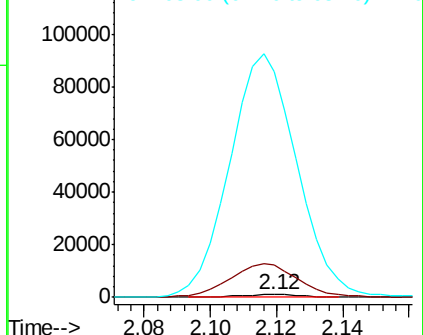
96 100

61 1142.1 130.4 242.2#

63 8023.1 103.3 191.9#



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 63.00 (62.70 to 63.70): VV0



#13

Acetone

Concen: 5.485 ug/L

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

Lab File: VV016818.D

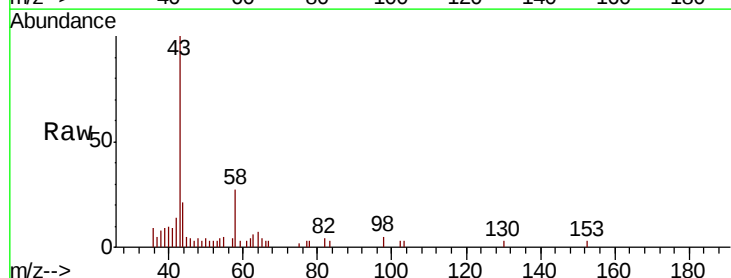
Acq: 11 Jun 2020 11:47

Tgt Ion: 43 Resp: 6387

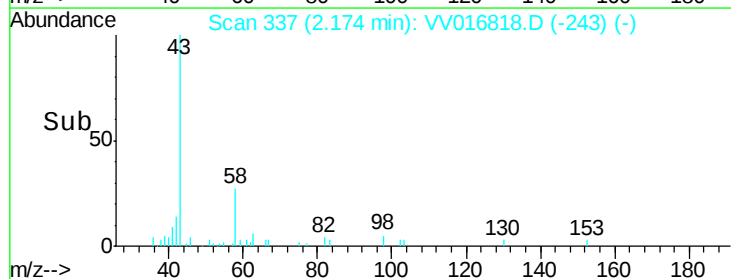
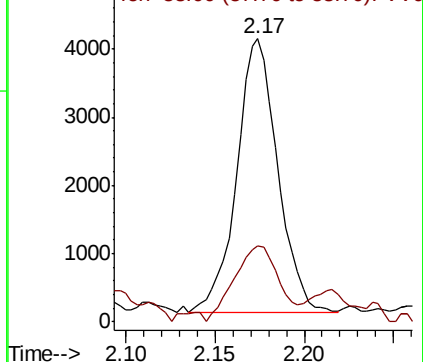
Ion Ratio Lower Upper

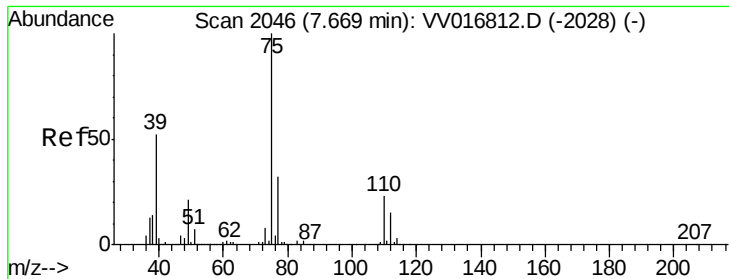
43 100

58 30.3 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0

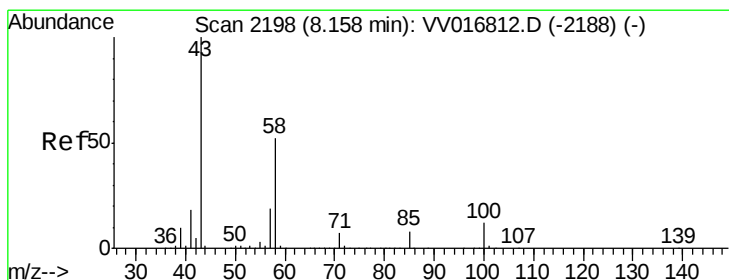
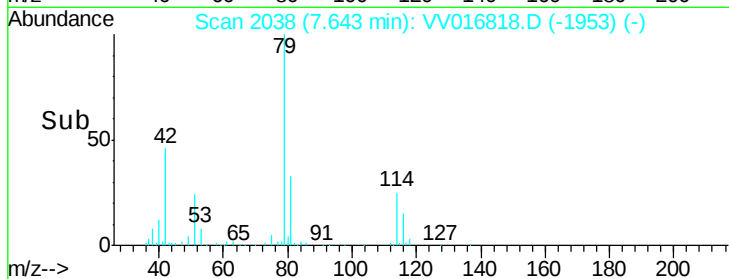
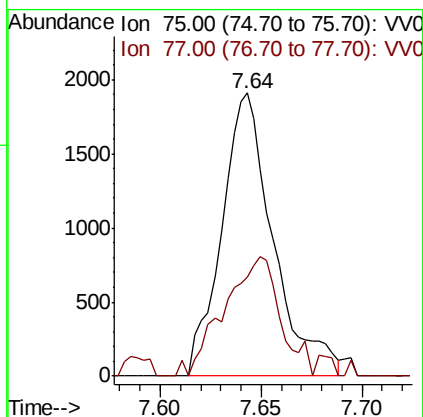
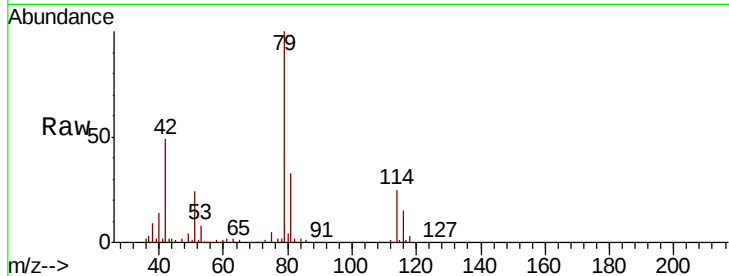




#44
trans-1,3-Dichloropropene
Concen: 0.906 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV016818.D
Acq: 11 Jun 2020 11:47

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 3414
Ion Ratio Lower Upper
75 100
77 35.2 21.7 40.3



#48
2-Hexanone
Concen: 2.877 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.01 min
Lab File: VV016818.D
Acq: 11 Jun 2020 11:47

Tgt Ion: 43 Resp: 7890
Ion Ratio Lower Upper
43 100
58 0.0 43.1 64.7#
57 5.2 15.3 22.9#
100 7.6 10.0 15.0#

