

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061120\
 Data File : VV016823.D
 Acq On : 11 Jun 2020 13:44
 Operator : SY/MD
 Sample : L2929-17
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 12 01:32:02 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	361390	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	345948	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	177258	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	95066	37.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.56%
7) Chloroethane-d5	1.55	69	68101	44.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.02%
11) 1,1-Dichloroethene-d2	2.11	63	136234	31.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.62%
21) 2-Butanone-d5	3.89	46	175220	92.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.84%
24) Chloroform-d	4.37	84	219614	42.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.70%
26) 1,2-Dichloroethane-d4	5.05	65	158999	45.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.16%
32) Benzene-d6	5.07	84	422844	42.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	6.09	67	133270	42.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.74%
41) Toluene-d8	7.34	98	379400	41.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.92%
43) trans-1,3-Dichloropropene-	7.64	79	65313	40.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.68%
47) 2-Hexanone-d5	8.11	63	111356	82.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.17%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	182366	44.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.64%
64) 1,2-Dichlorobenzene-d4	11.65	152	170386	45.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.08%

Target Compounds

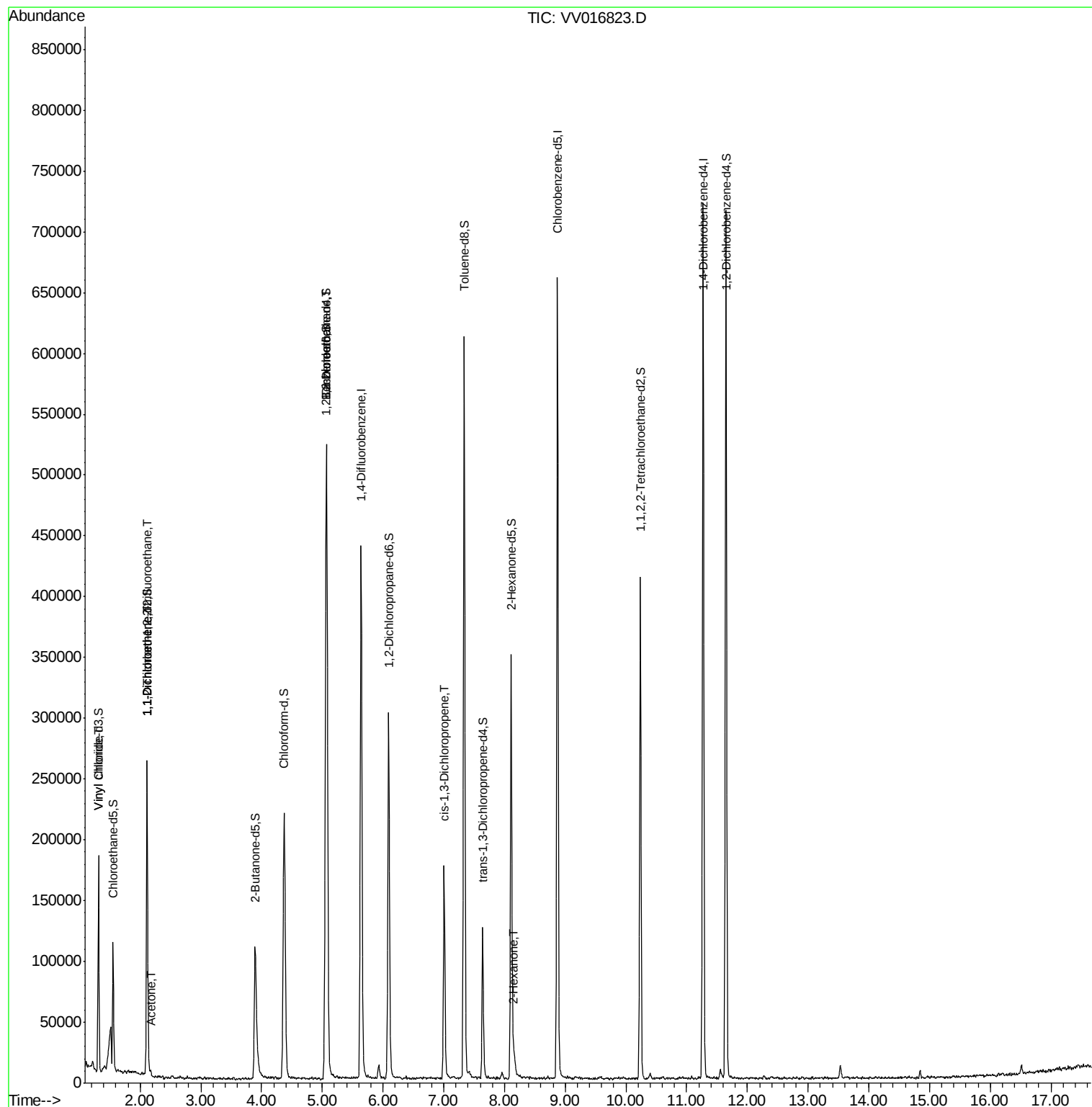
					Ovalue
5) Vinyl chloride	1.32	62	12654	4.911 ug/L	84
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1433	0.746 ug/L #	19
12) 1,1-Dichloroethene	2.12	96	1365	0.761 ug/L #	1
13) Acetone	2.17	43	3771	3.032 ug/L	96
27) 1,2-Dichloroethane	5.08	62	3001	0.757 ug/L	96
39) cis-1,3-Dichloropropene	7.00	75	3929	0.950 ug/L #	64
48) 2-Hexanone	8.16	43	8289	2.834 ug/L #	41

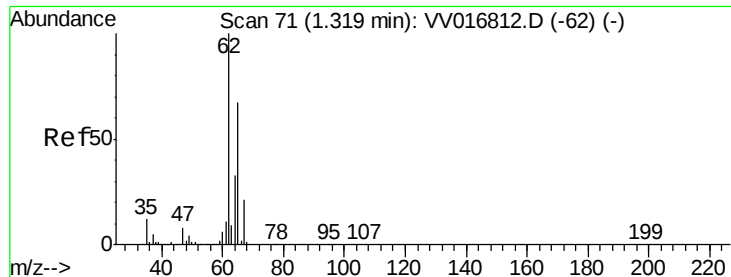
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#5

Vinyl chloride

Concen: 4.911 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016823.D

Acq: 11 Jun 2020 13:44

Instrument :

MSVOA_V

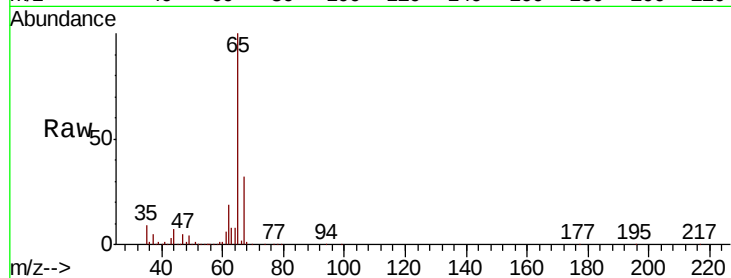
ClientSampled :

Tot Ion: 62 Resp: 12654

Ion Ratio Lower Upper

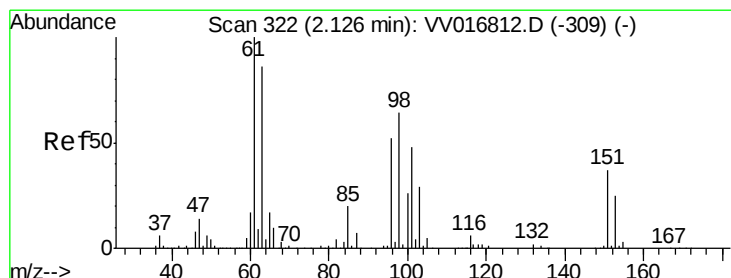
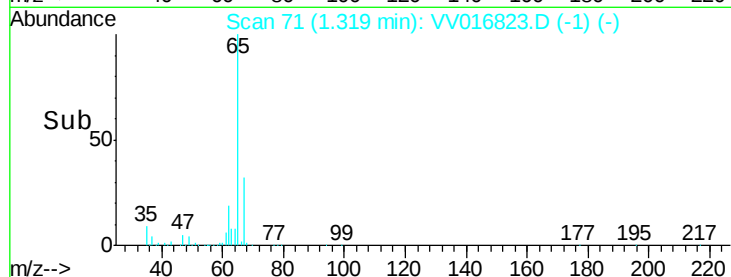
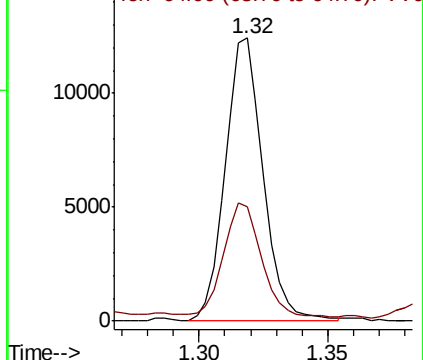
62 100

64 40.6 22.3 41.5



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#10

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

Concen: 0.746 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016823.D

Acq: 11 Jun 2020 13:44

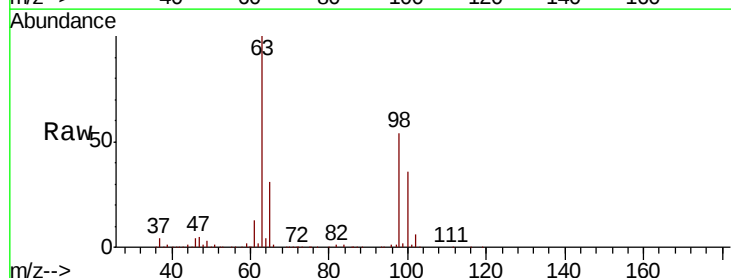
Tgt Ion: 101 Resp: 1433

Ion Ratio Lower Upper

101 100

85 3.1 35.5 53.3#

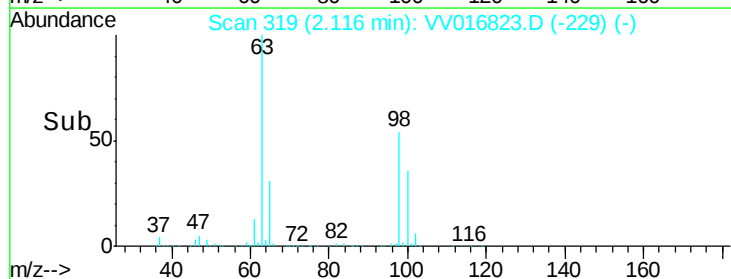
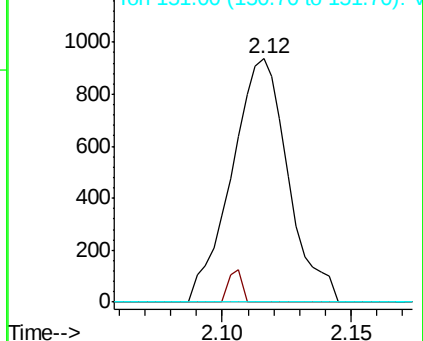
151 0.0 63.9 95.9#

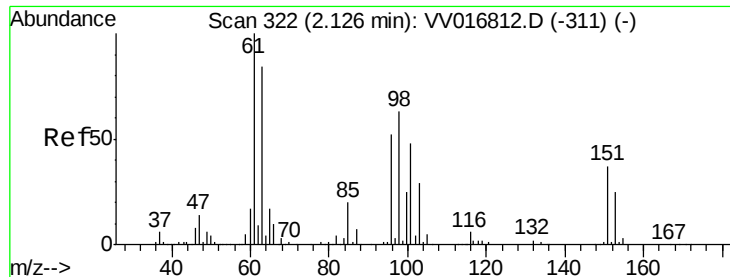


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V





#12

1,1-Dichloroethene

Concen: 0.761 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016823.D

Acq: 11 Jun 2020 13:44

Instrument :
MSVOA_V
ClientSampleId :

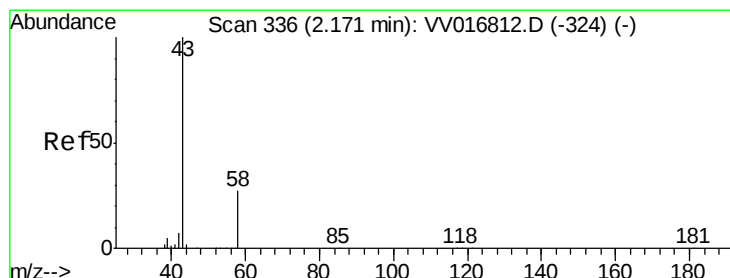
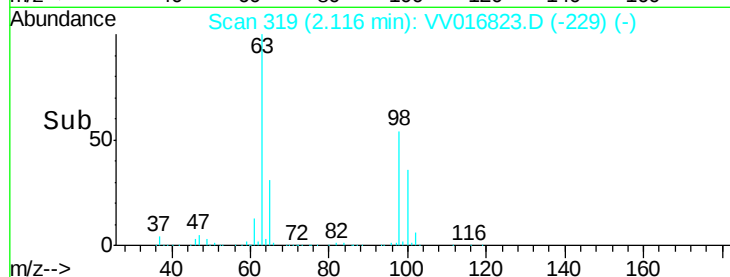
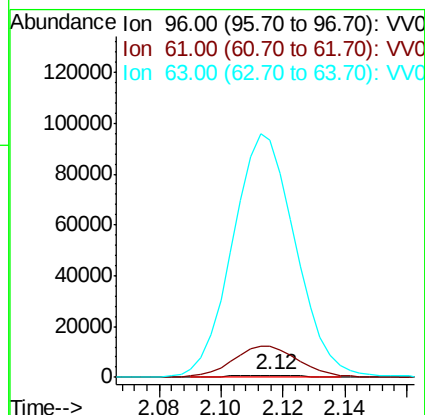
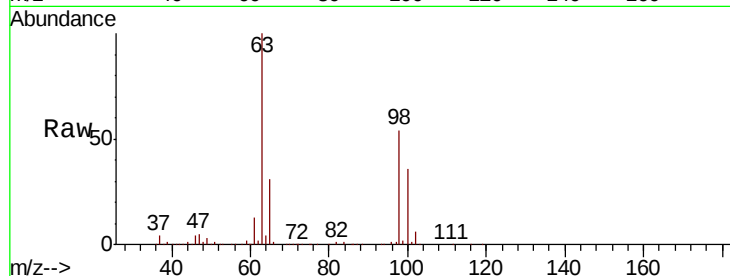
Tot Ion: 96 Resp: 1365

Ion Ratio Lower Upper

96 100

61 1478.7 130.4 242.2#

63 11155.0 103.3 191.9#



#13

Acetone

Concen: 3.032 ug/L

RT: 2.17 min Scan# 336

Delta R.T. -0.00 min

Lab File: VV016823.D

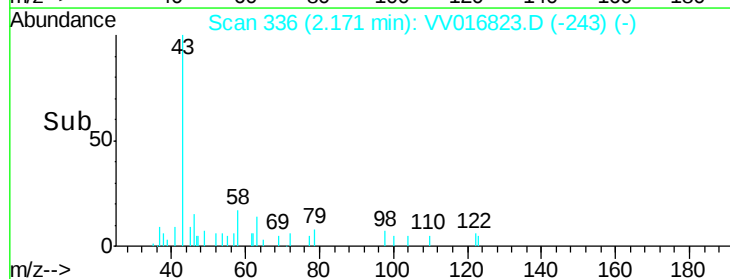
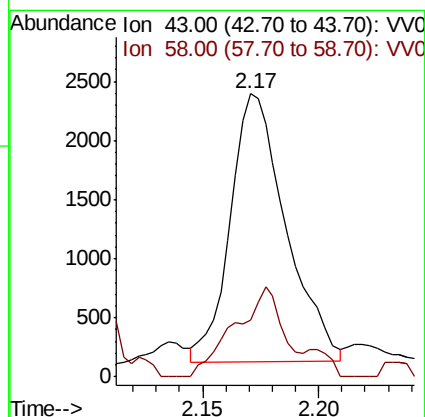
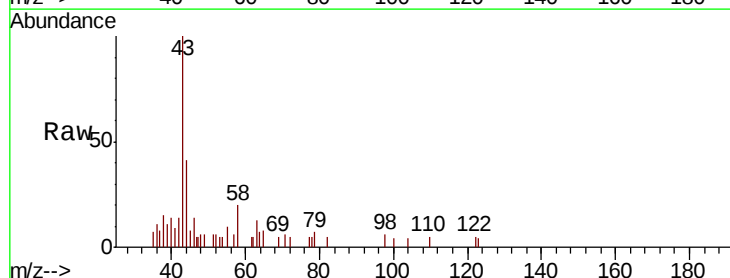
Acq: 11 Jun 2020 13:44

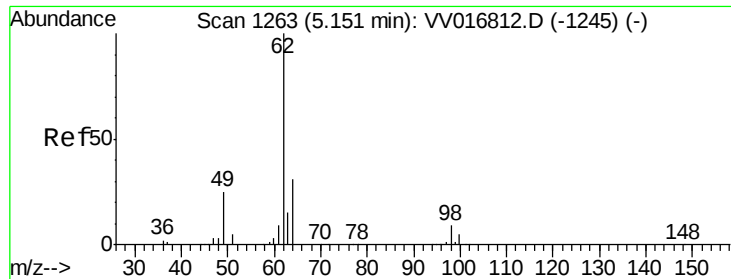
Tgt Ion: 43 Resp: 3771

Ion Ratio Lower Upper

43 100

58 29.7 0.0 55.2

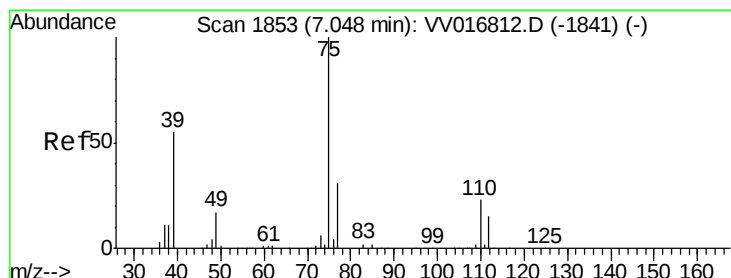
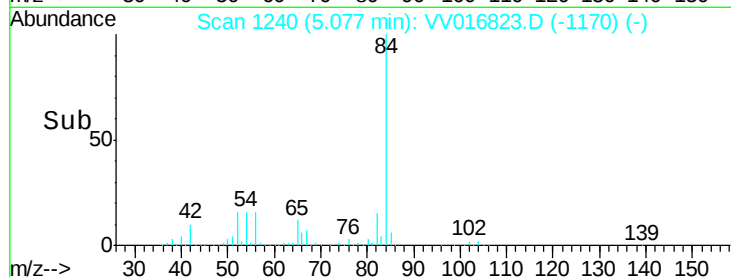
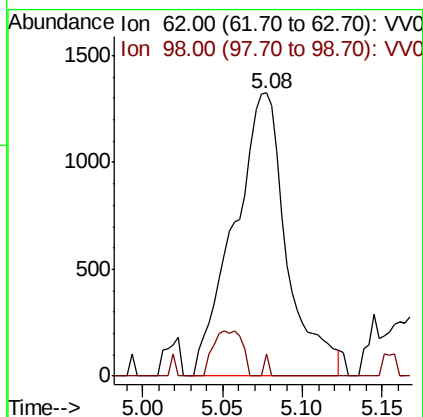
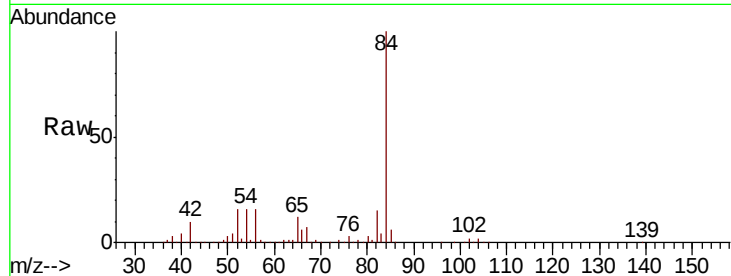




#27
 1,2-Dichloroethane
 Concen: 0.757 ug/L
 RT: 5.08 min Scan# 1240
 Delta R.T. -0.07 min
 Lab File: VV016823.D
 Acq: 11 Jun 2020 13:44

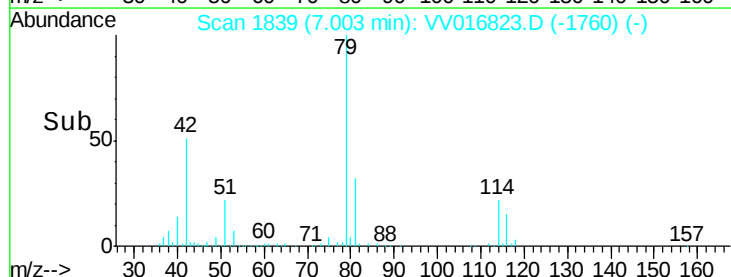
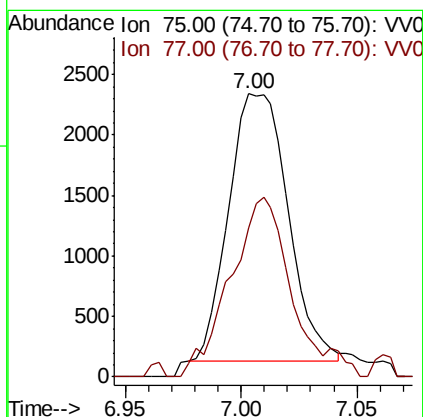
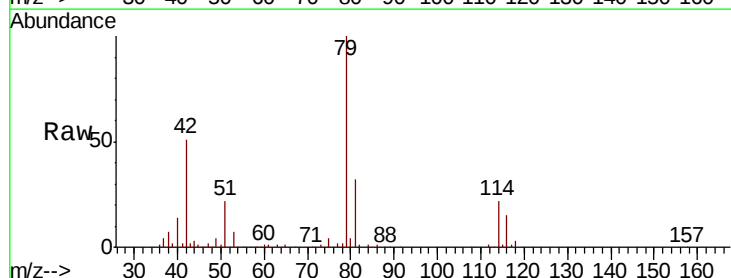
Instrument :
 MSVOA_V
 ClientSampled :

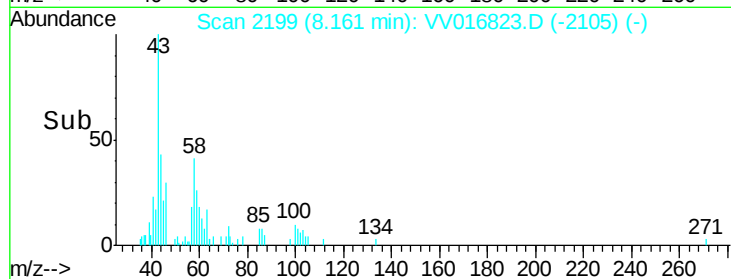
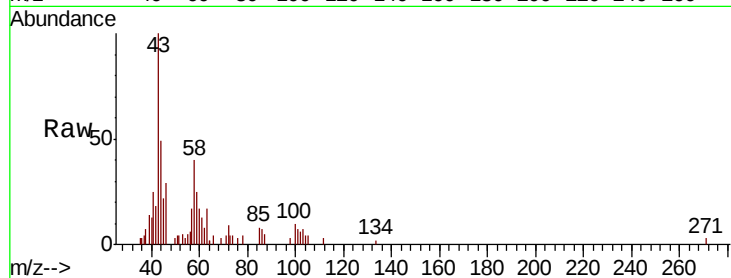
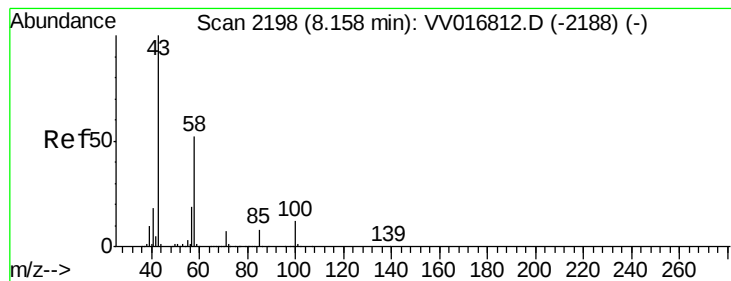
Tot Ion: 62 Resp: 3001
 Ion Ratio Lower Upper
 62 100
 98 8.0 7.4 11.2



#39
 cis-1,3-Dichloropropene
 Concen: 0.950 ug/L
 RT: 7.00 min Scan# 1839
 Delta R.T. -0.05 min
 Lab File: VV016823.D
 Acq: 11 Jun 2020 13:44

Tgt Ion: 75 Resp: 3929
 Ion Ratio Lower Upper
 75 100
 77 52.4 22.7 42.1#





#48

2-Hexanone

Concen: 2.834 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VV016823.D

Acq: 11 Jun 2020 13:44

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 8289

Ion	Ratio	Lower	Upper
43	100		
58	0.0	43.1	64.7#
57	0.0	15.3	22.9#
100	5.9	10.0	15.0#

