

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062620\
 Data File : VV017215.D
 Acq On : 27 Jun 2020 05:26
 Operator : SY/MD
 Sample : L3133-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 27 07:01:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 27 03:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	350247	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	329142	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	153604	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	96130	38.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.80%
7) Chloroethane-d5	1.58	69	64486	43.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.98%
11) 1,1-Dichloroethene-d2	2.12	63	153139	36.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.80%
21) 2-Butanone-d5	3.91	46	157167	85.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.92%
24) Chloroform-d	4.38	84	227916	45.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.70%
26) 1,2-Dichloroethane-d4	5.06	65	164854	48.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.46%
32) Benzene-d6	5.08	84	424451	44.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.48%
36) 1,2-Dichloropropane-d6	6.09	67	130475	44.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.24%
41) Toluene-d8	7.34	98	388656	44.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.28%
43) trans-1,3-Dichloropropene-	7.64	79	64031	41.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.14%
47) 2-Hexanone-d5	8.11	63	102977	79.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.86%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	169831	43.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.76%
64) 1,2-Dichlorobenzene-d4	11.65	152	162996	49.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.44%

Target Compounds

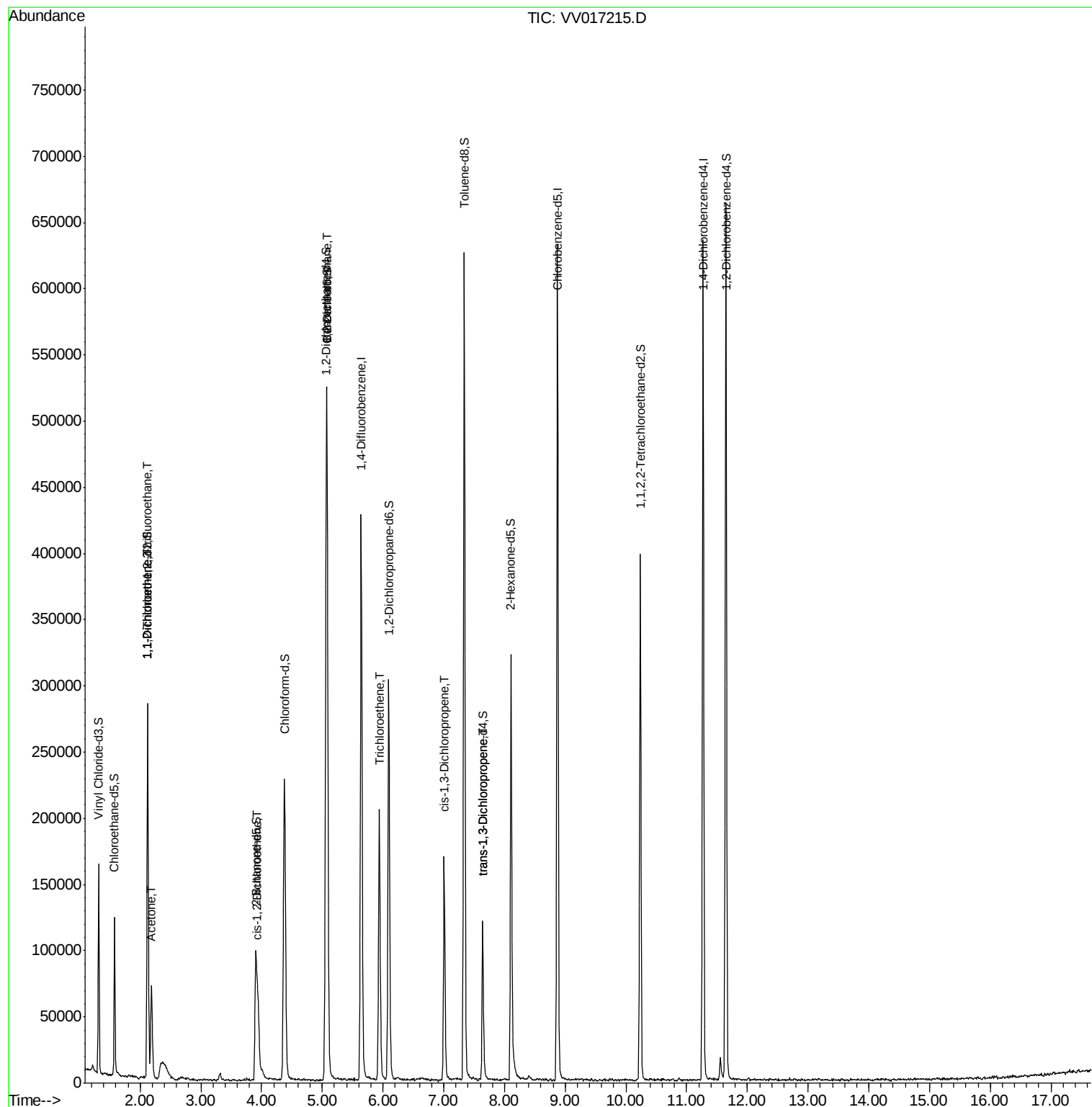
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1713	0.920 ug/L #	19
12) 1,1-Dichloroethene	2.13	96	1353	0.778 ug/L #	1
13) Acetone	2.19	43	85381	70.844 ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	22435	8.682 ug/L	96
27) 1,2-Dichloroethane	5.07	62	3506	0.912 ug/L	98
34) Trichloroethene	5.94	95	67491	25.841 ug/L	99
39) cis-1,3-Dichloropropene	7.01	75	4464	1.135 ug/L #	82
44) trans-1,3-Dichloropropene	7.64	75	3455	0.903 ug/L	96

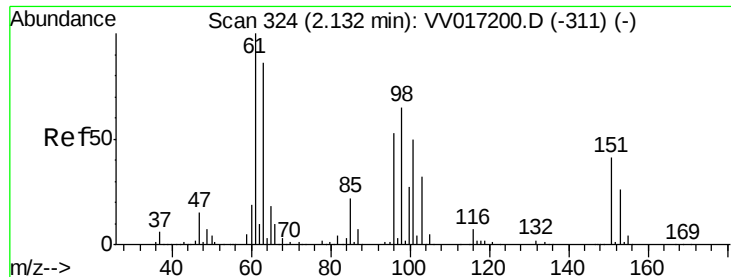
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.920 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017215.D

Acq: 27 Jun 2020 05:26

Instrument :

MSVOA_V

ClientSampled :

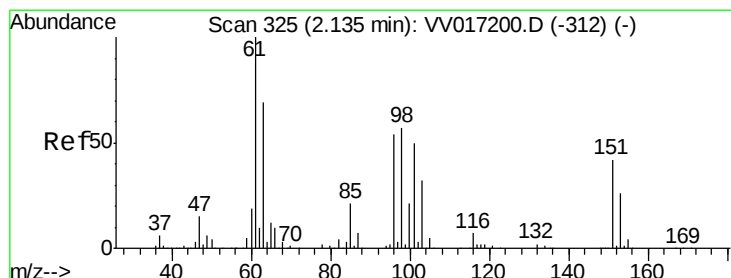
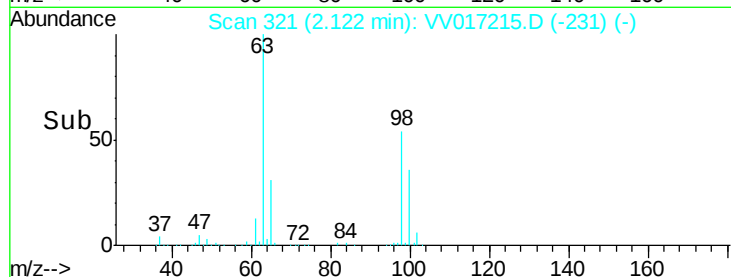
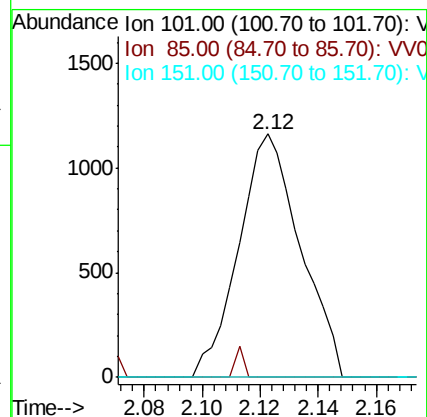
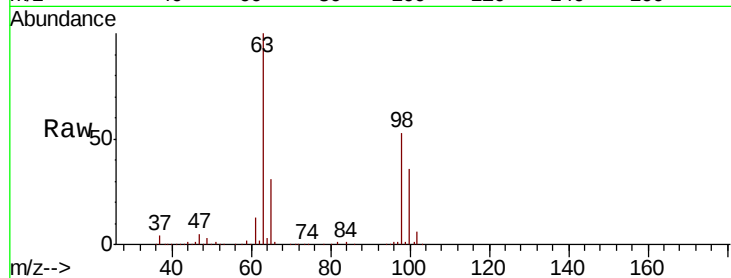
Tot Ion:101 Resp: 1713

Ion Ratio Lower Upper

101 100

85 2.5 35.5 53.3#

151 0.0 63.9 95.9#



#12

1,1-Dichloroethene

Concen: 0.778 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017215.D

Acq: 27 Jun 2020 05:26

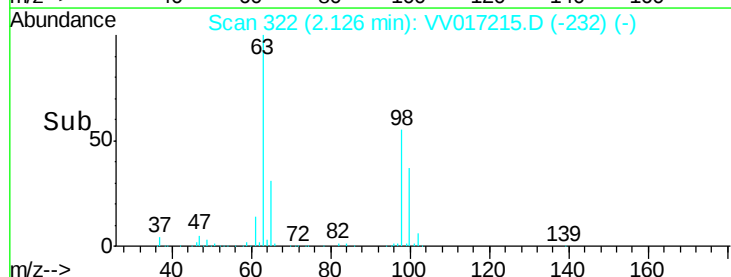
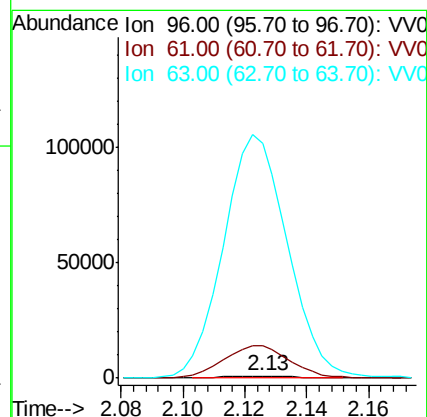
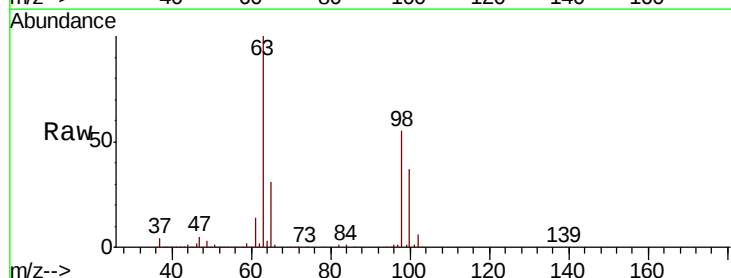
Tgt Ion: 96 Resp: 1353

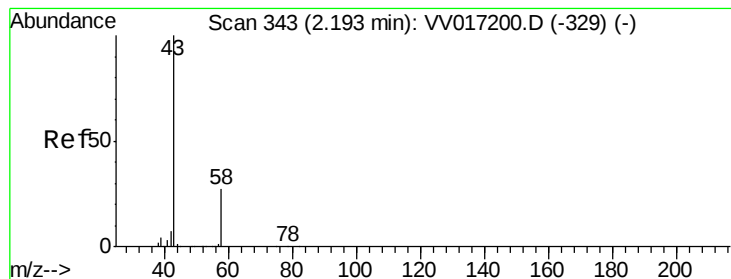
Ion Ratio Lower Upper

96 100

61 1645.6 130.4 242.2#

63 12007.5 103.3 191.9#





#13

Acetone

Concen: 70.844 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.01 min

Lab File: VV017215.D

Acq: 27 Jun 2020 05:26

Instrument :

MSVOA_V

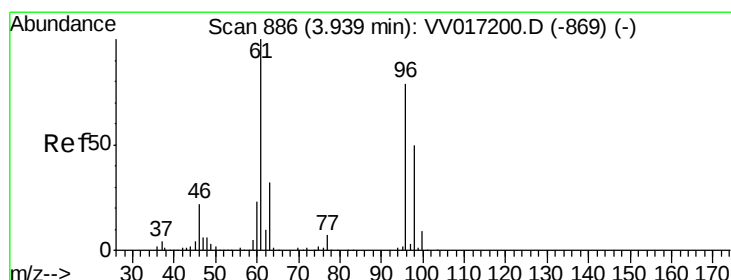
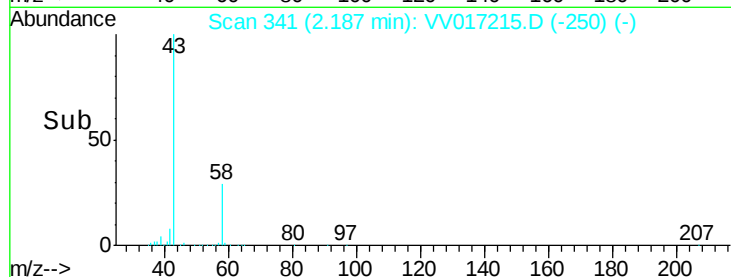
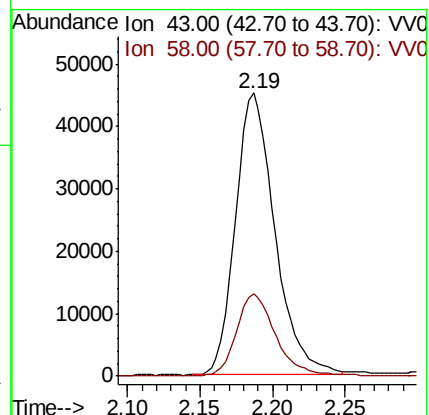
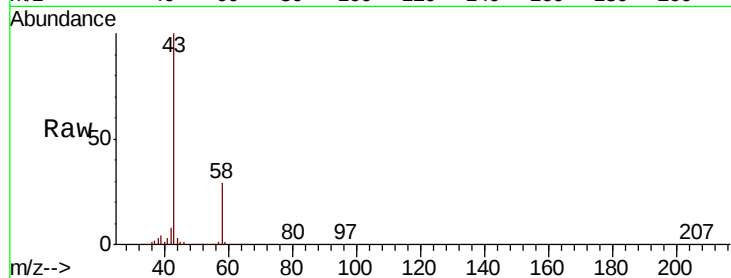
ClientSampled :

Tot Ion: 43 Resp: 85381

Ion Ratio Lower Upper

43 100

58 28.5 0.0 55.2



#20

cis-1,2-Dichloroethene

Concen: 8.682 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.00 min

Lab File: VV017215.D

Acq: 27 Jun 2020 05:26

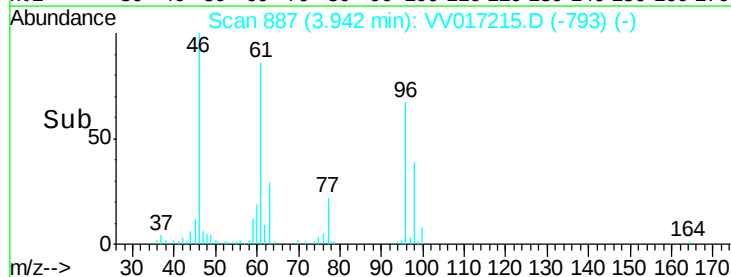
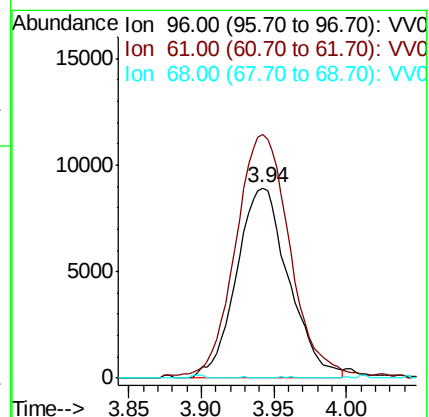
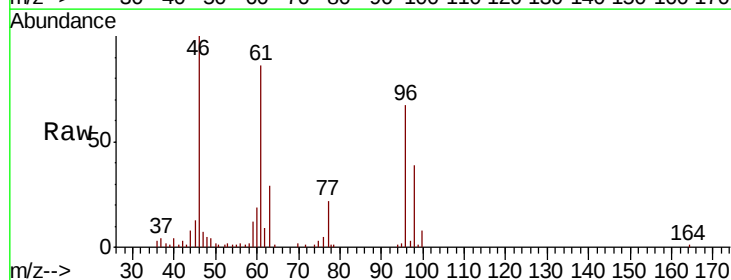
Tgt Ion: 96 Resp: 22435

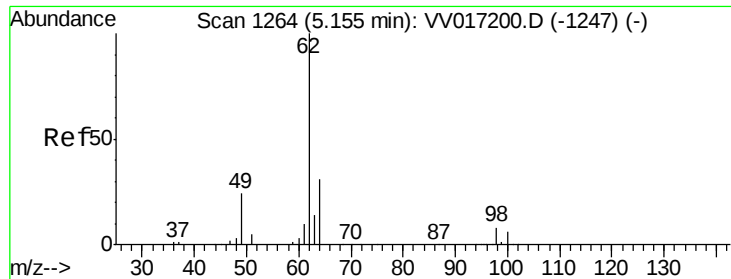
Ion Ratio Lower Upper

96 100

61 128.2 93.4 173.4

68 0.0 0.0 0.0

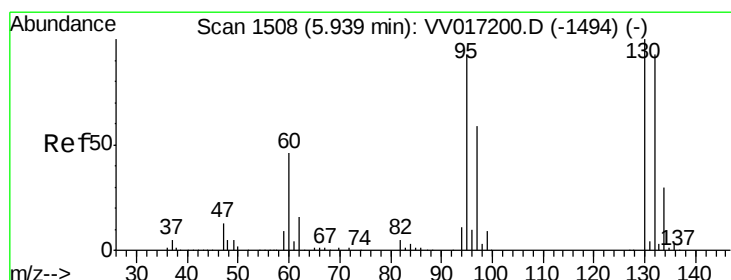
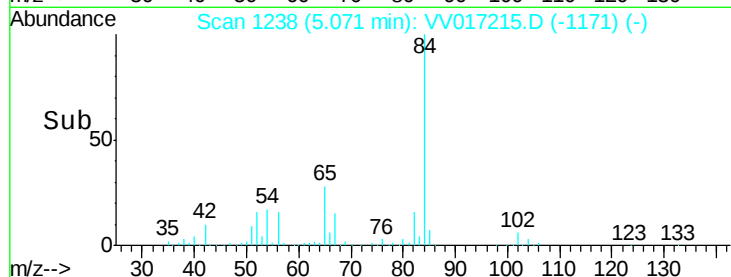
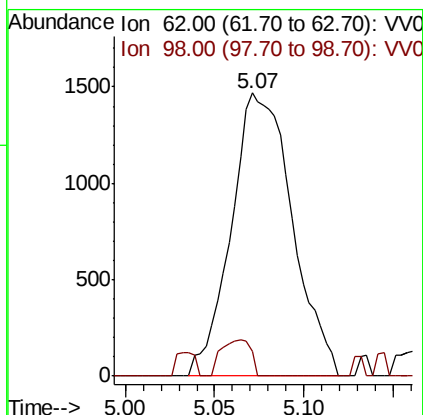
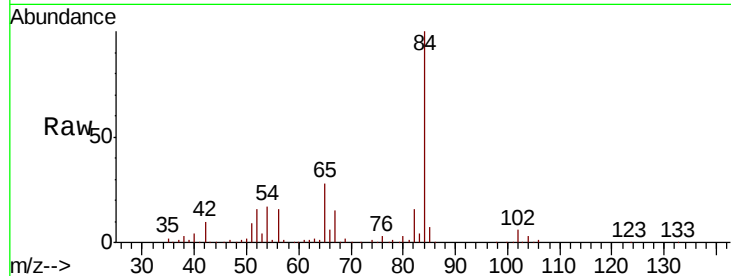




#27
 1,2-Dichloroethane
 Concen: 0.912 ug/L
 RT: 5.07 min Scan# 1238
 Delta R.T. -0.08 min
 Lab File: VV017215.D
 Acq: 27 Jun 2020 05:26

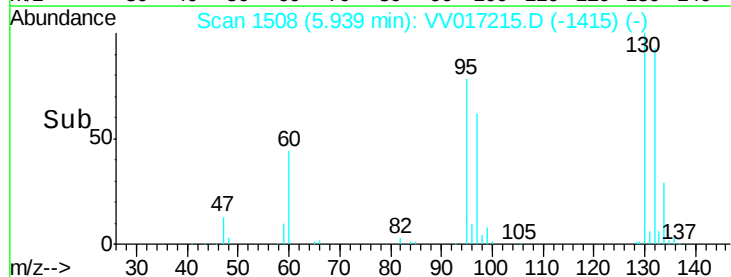
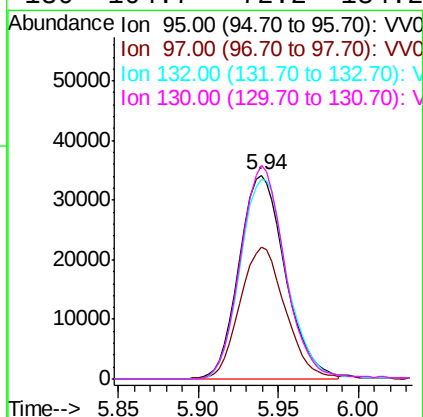
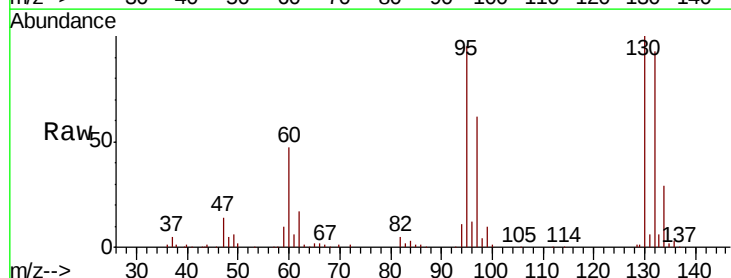
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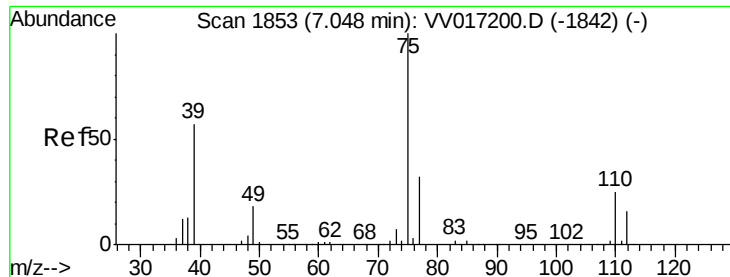
Tot Ion: 62 Resp: 3506
 Ion Ratio Lower Upper
 62 100
 98 8.7 7.4 11.2



#34
 Trichloroethene
 Concen: 25.841 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. -0.00 min
 Lab File: VV017215.D
 Acq: 27 Jun 2020 05:26

Tgt Ion: 95 Resp: 67491
 Ion Ratio Lower Upper
 95 100
 97 64.6 44.3 82.3
 132 97.7 67.9 126.1
 130 104.7 72.2 134.2

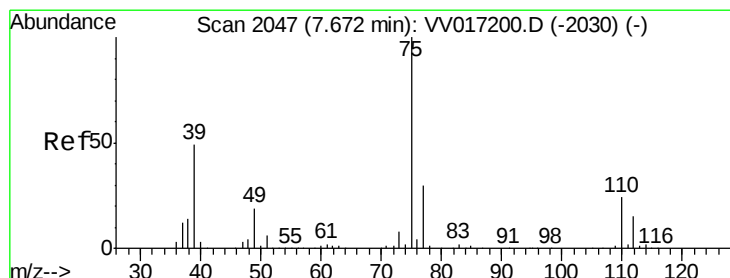
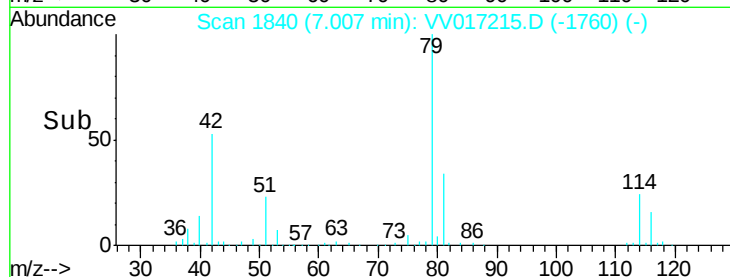
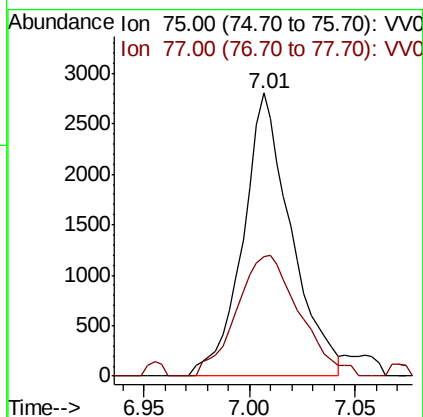
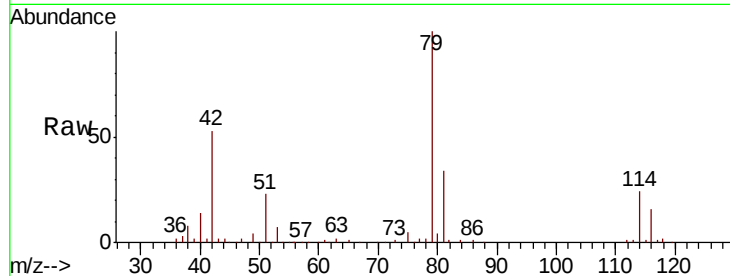




#39
 cis-1,3-Dichloropropene
 Concen: 1.135 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV017215.D
 Acq: 27 Jun 2020 05:26

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 75 Resp: 4464
 Ion Ratio Lower Upper
 75 100
 77 42.3 22.7 42.1#



#44
 trans-1,3-Dichloropropene
 Concen: 0.903 ug/L
 RT: 7.64 min Scan# 2037
 Delta R.T. -0.03 min
 Lab File: VV017215.D
 Acq: 27 Jun 2020 05:26

Tgt Ion: 75 Resp: 3455
 Ion Ratio Lower Upper
 75 100
 77 33.1 21.7 40.3

