

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062920\
 Data File : VV017244.D
 Acq On : 29 Jun 2020 17:11
 Operator : SY/MD
 Sample : L3135-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9Q69

Quant Time: Jun 30 07:44:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 30 07:40:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	341205	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	319634	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	153225	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81536	33.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.74%
7) Chloroethane-d5	1.58	69	62899	43.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.08%
11) 1,1-Dichloroethene-d2	2.12	63	135233	33.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.90%
21) 2-Butanone-d5	3.91	46	152580	85.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.62%
24) Chloroform-d	4.38	84	214066	43.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.46%
26) 1,2-Dichloroethane-d4	5.06	65	158389	47.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.14%
32) Benzene-d6	5.08	84	395293	42.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.80%
36) 1,2-Dichloropropane-d6	6.09	67	120927	42.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.20%
41) Toluene-d8	7.34	98	361795	42.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.58%
43) trans-1,3-Dichloropropene-	7.64	79	64000	42.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.56%
47) 2-Hexanone-d5	8.11	63	98887	78.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.97%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	166128	43.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.38%
64) 1,2-Dichlorobenzene-d4	11.65	152	155085	47.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.86%

Target Compounds

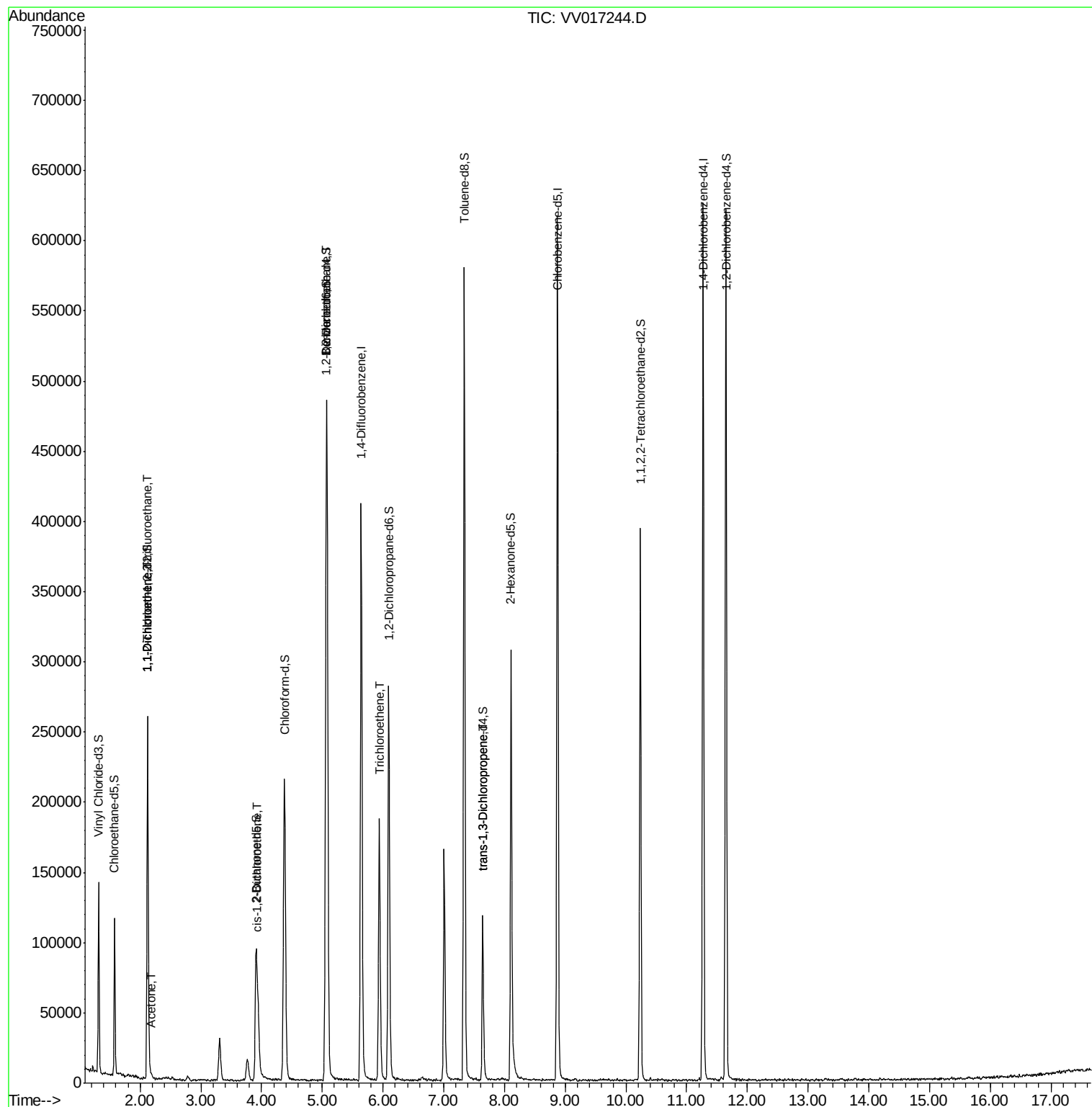
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1304	0.719 ug/L #	19
12) 1,1-Dichloroethene	2.13	96	1373	0.811 ug/L #	1
13) Acetone	2.19	43	2446	2.083 ug/L	80
20) cis-1,2-Dichloroethene	3.94	96	17001	6.754 ug/L	99
27) 1,2-Dichloroethane	5.07	62	3187	0.851 ug/L	96
34) Trichloroethene	5.94	95	61649	24.306 ug/L	98
44) trans-1,3-Dichloropropene	7.64	75	3430	0.924 ug/L	85

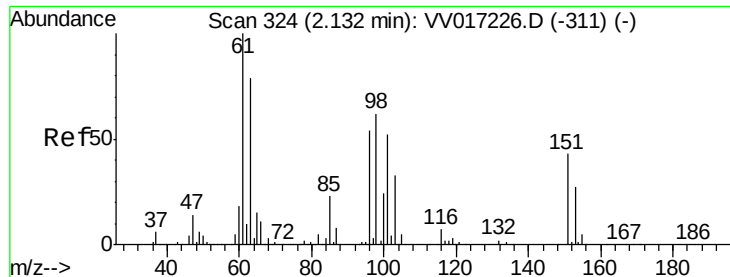
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.719 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017244.D

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MSVOA_V

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F9Q69

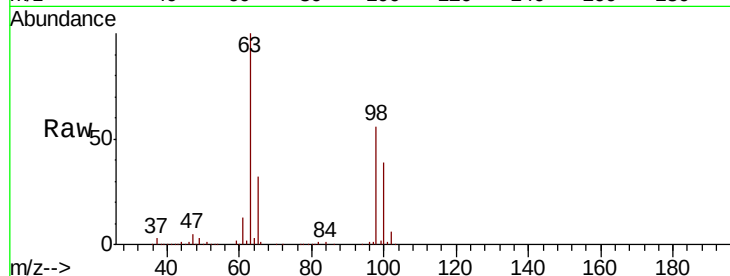
Tot Ion:101 Resp: 1304

Ion Ratio Lower Upper

101 100

85 3.2 35.5 53.3#

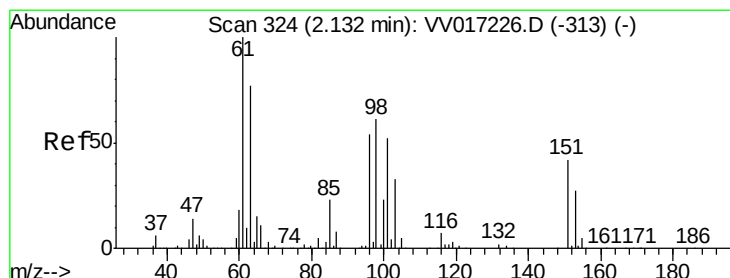
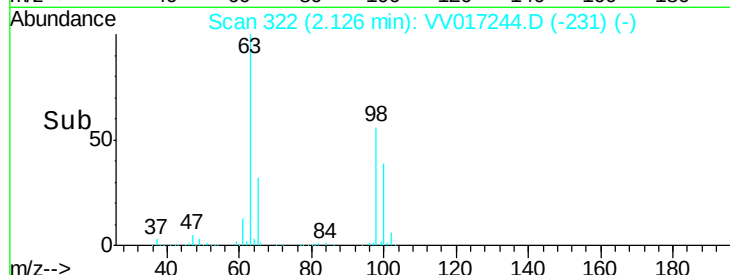
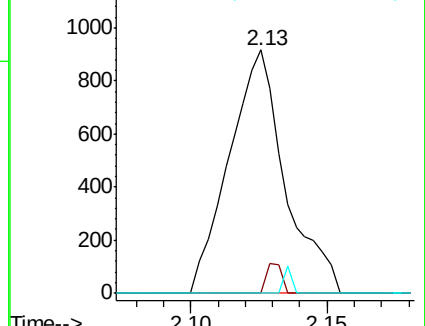
151 0.0 63.9 95.9#



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: 0.811 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017244.D

Acq: 29 Jun 2020 17:11

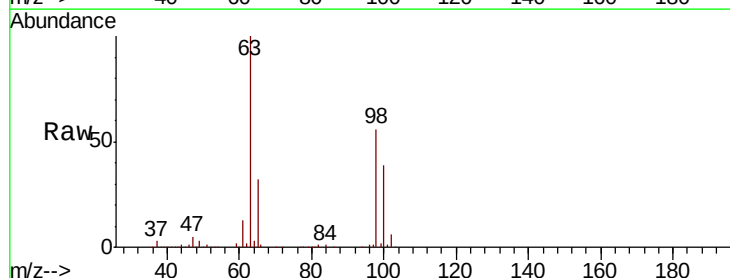
Tgt Ion: 96 Resp: 1373

Ion Ratio Lower Upper

96 100

61 1378.3 130.4 242.2#

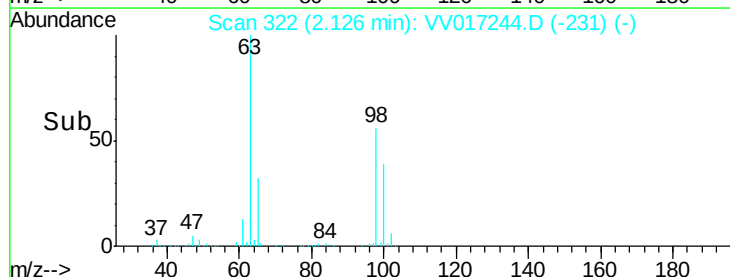
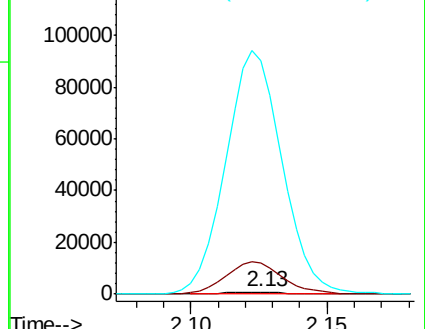
63 10374.2 103.3 191.9#

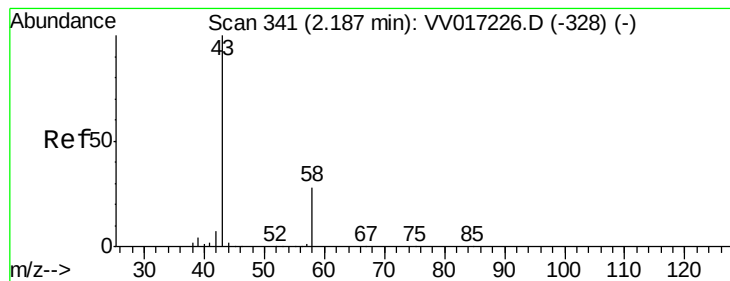


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 2.083 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV017244.D

Acq: 29 Jun 2020 17:11

Instrument :

MSVOA_V

ClientSampleId :

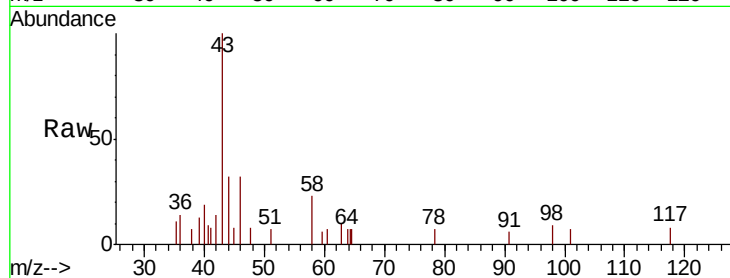
F9Q69

Tot Ion: 43 Resp: 2446

Ion Ratio Lower Upper

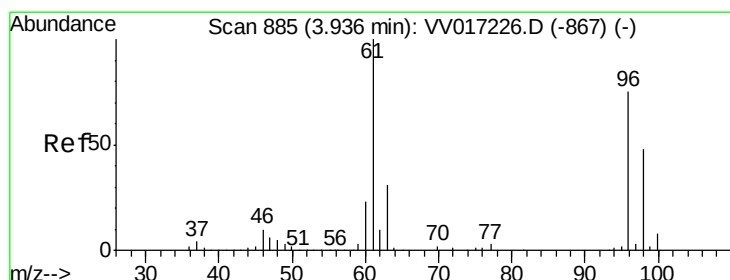
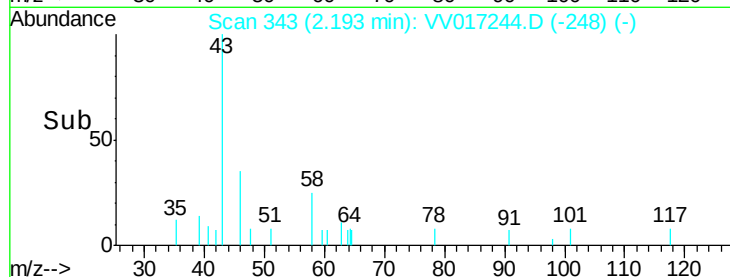
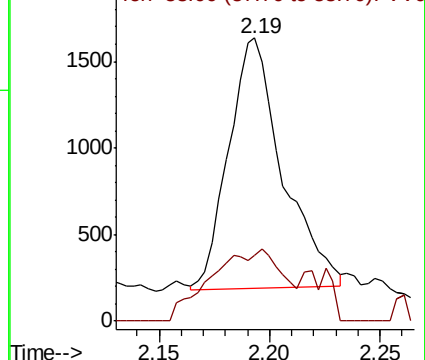
43 100

58 17.0 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 6.754 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV017244.D

Acq: 29 Jun 2020 17:11

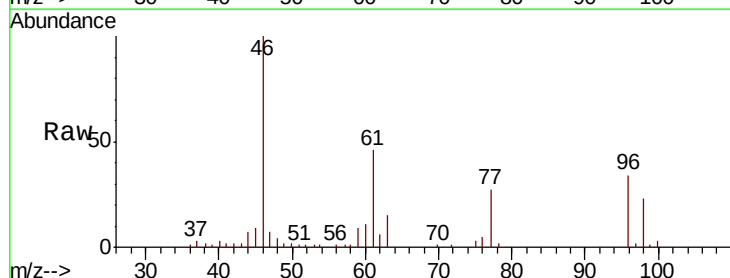
Tgt Ion: 96 Resp: 17001

Ion Ratio Lower Upper

96 100

61 135.1 93.4 173.4

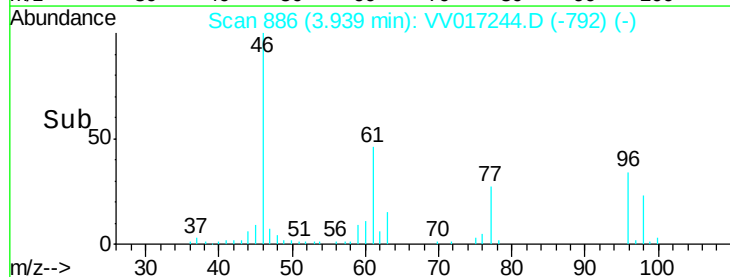
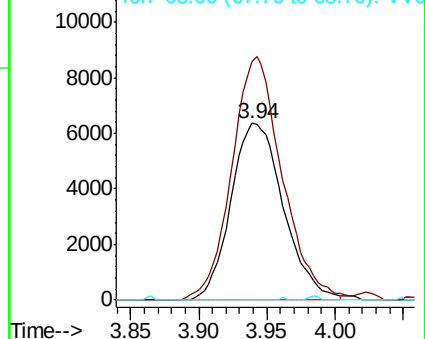
68 0.0 0.0 0.0

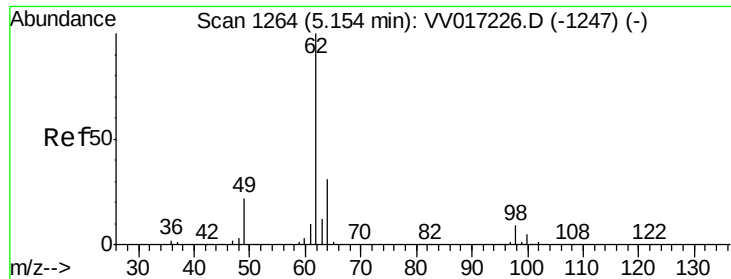


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0

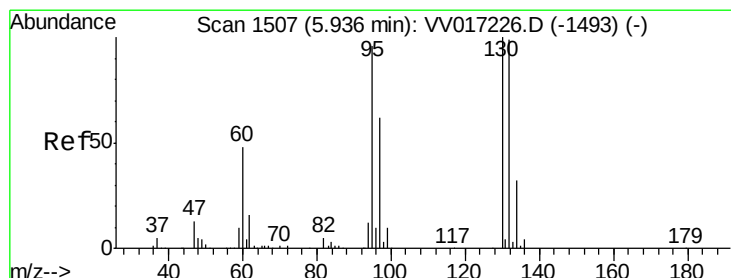
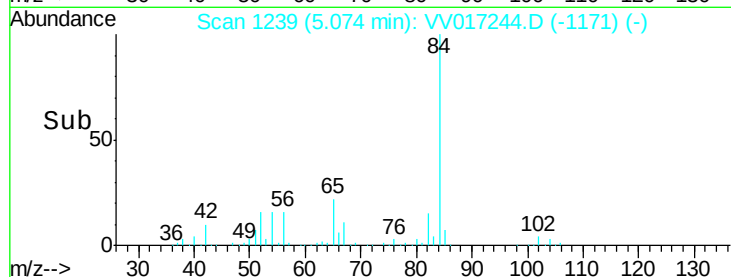
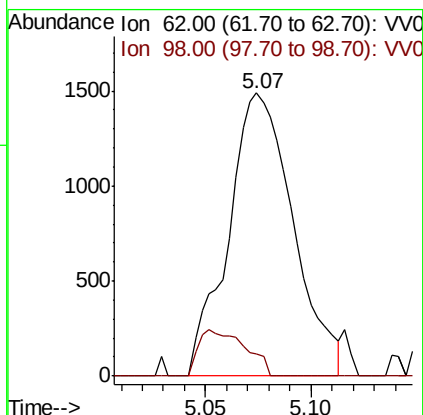
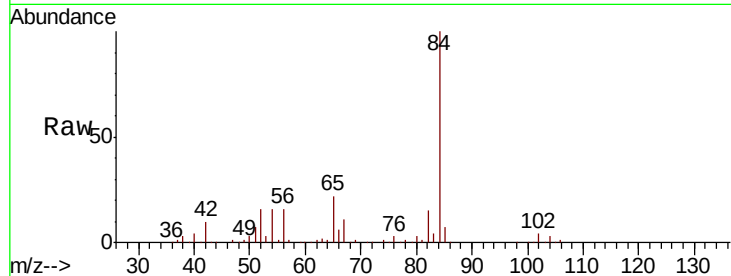




#27
 1,2-Dichloroethane
 Concen: 0.851 ug/L
 RT: 5.07 min Scan# 1239
 Delta R.T. -0.08 min
 Lab File: VV017244.D
 Acq: 29 Jun 2020 17:11

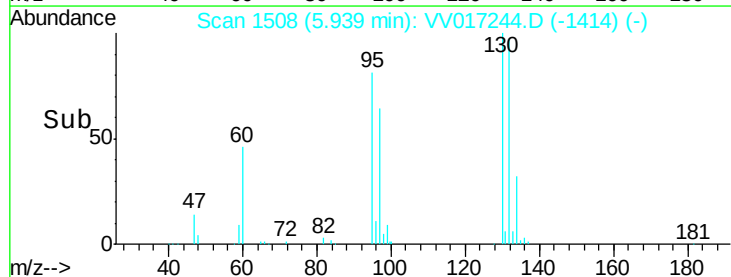
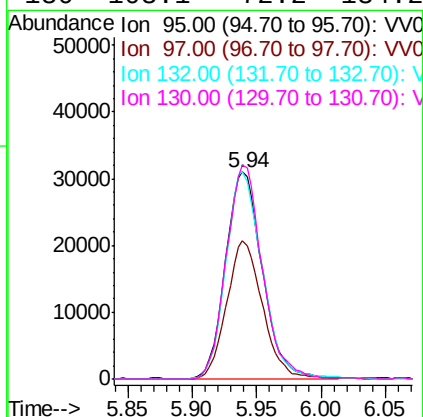
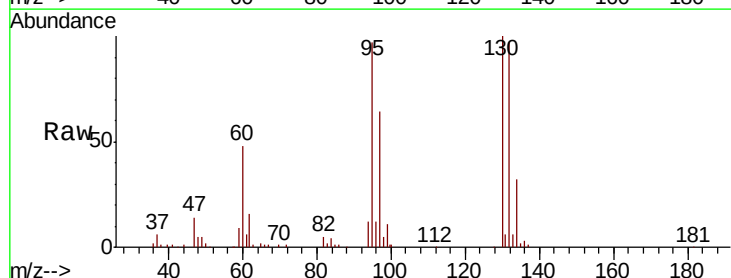
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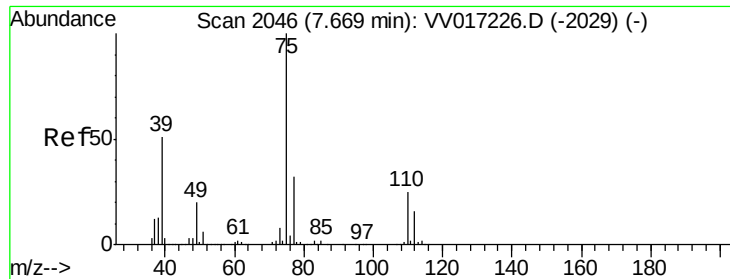
Tot Ion: 62 Resp: 3187
 Ion Ratio Lower Upper
 62 100
 98 7.9 7.4 11.2



#34
 Trichloroethene
 Concen: 24.306 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV017244.D
 Acq: 29 Jun 2020 17:11

Tgt Ion: 95 Resp: 61649
 Ion Ratio Lower Upper
 95 100
 97 66.5 44.3 82.3
 132 100.4 67.9 126.1
 130 103.1 72.2 134.2





#44

trans-1,3-Dichloropropene

Concen: 0.924 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV017244.D

Acq: 29 Jun 2020 17:11

Instrument :

MSVOA_V

ClientSampleId :

F9Q69

Tot Ion: 75 Resp: 3430

Ion Ratio Lower Upper

75 100

77 39.3 21.7 40.3

