

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016455.D
 Acq On : 03 Jun 2020 14:32
 Operator : SY/MD
 Sample : L2843-11
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 04 01:19:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 04 01:16:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	368098	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	352372	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	166599	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	123805	47.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.98%
7) Chloroethane-d5	1.58	69	89394	47.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.98%
11) 1,1-Dichloroethene-d2	2.12	63	171789	37.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.34%
21) 2-Butanone-d5	3.90	46	188940	113.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.34%
24) Chloroform-d	4.38	84	232857	47.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.18%
26) 1,2-Dichloroethane-d4	5.06	65	163810	50.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.00%
32) Benzene-d6	5.07	84	469193	49.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.42%
36) 1,2-Dichloropropane-d6	6.09	67	148438	50.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.94%
41) Toluene-d8	7.34	98	418012	48.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.52%
43) trans-1,3-Dichloropropene-	7.64	79	64204	44.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.58%
47) 2-Hexanone-d5	8.11	63	143357	113.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.81%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	199866	50.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.22%
64) 1,2-Dichlorobenzene-d4	11.65	152	168786	53.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.82%

Target Compounds

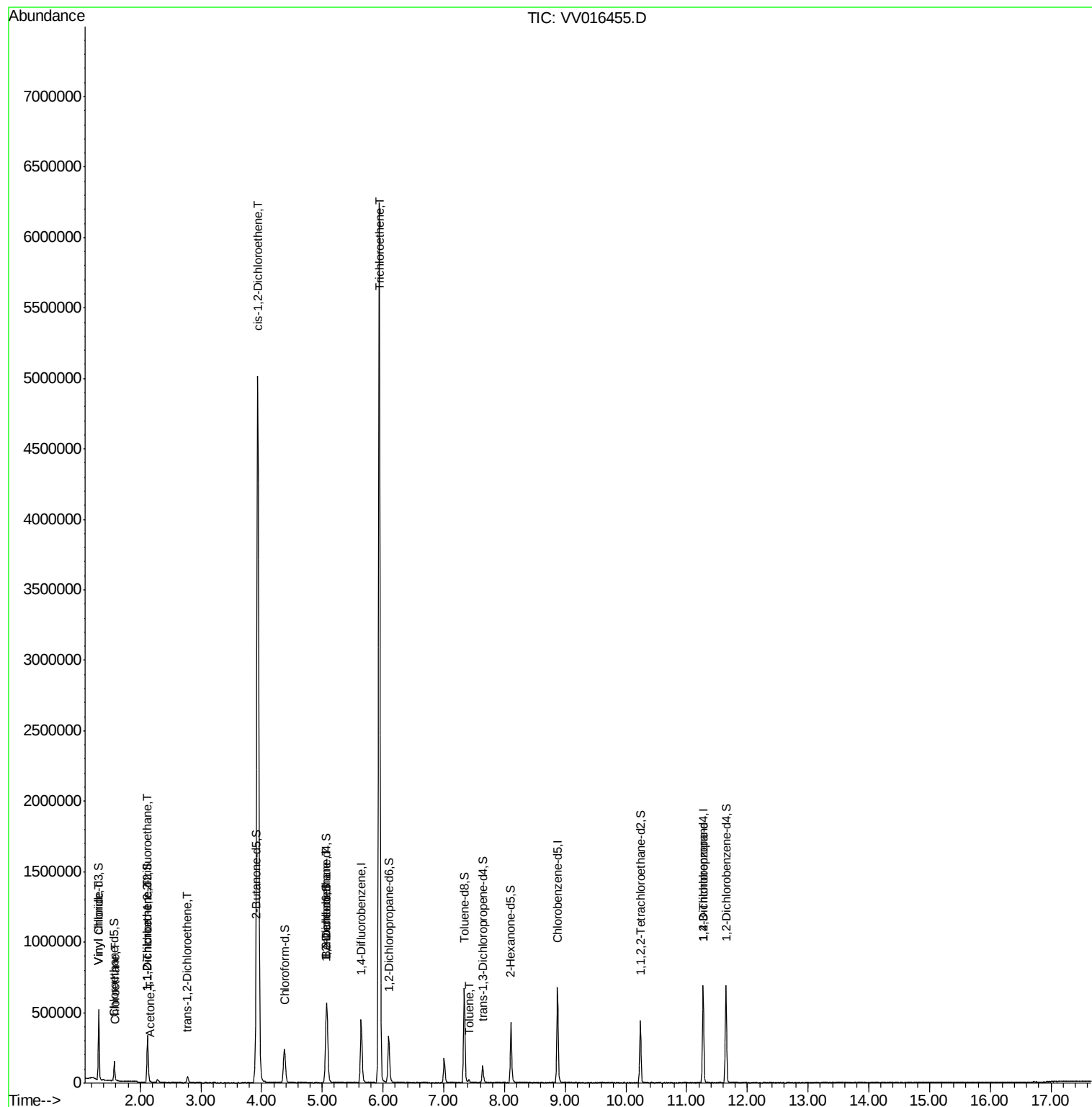
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	195277	69.067	ug/L	99
8) Chloroethane	1.59	64	1537	0.970	ug/L	89
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1605	0.756	ug/L #	21
12) 1,1-Dichloroethene	2.13	96	9125	4.465	ug/L #	1
13) Acetone	2.17	43	3407	2.187	ug/L	94
17) trans-1,2-Dichloroethene	2.78	96	16087	6.239	ug/L	100
20) cis-1,2-Dichloroethene	3.94	96	2740470	984.801	ug/L	100
27) 1,2-Dichloroethane	5.08	62	3910	0.963	ug/L	98
34) Trichloroethene	5.94	95	2112238	776.774	ug/L	97
42) Toluene	7.41	91	12880	1.173	ug/L	97
59) 1,2,3-Trichloropropane	11.27	75	20905	6.202	ug/L	90

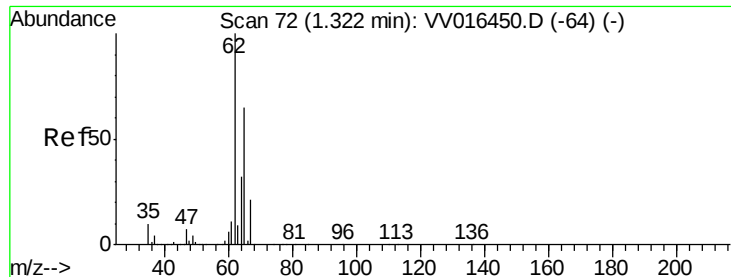
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
Data File : VV016455.D
Acq On : 03 Jun 2020 14:32
Operator : SY/MD
Sample : L2843-11
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jun 04 01:19:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 04 01:16:39 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 69.067 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016455.D

Acq: 03 Jun 2020 14:32

Instrument :

MSVOA_V

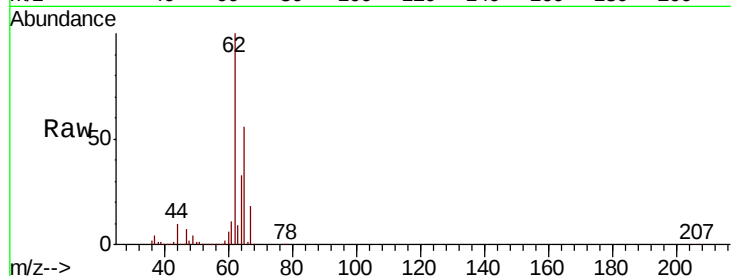
ClientSampleId :

Tot Ion: 62 Resp: 195277

Ion Ratio Lower Upper

62 100

64 32.9 22.7 42.1



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0

1.32

200000

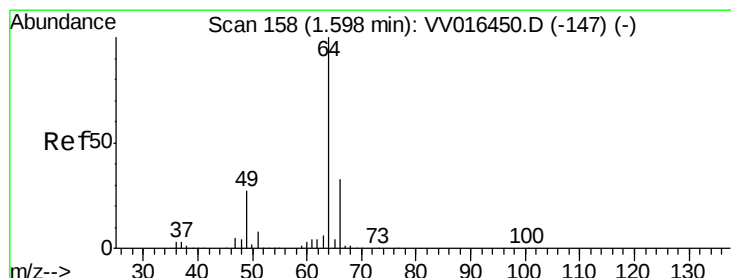
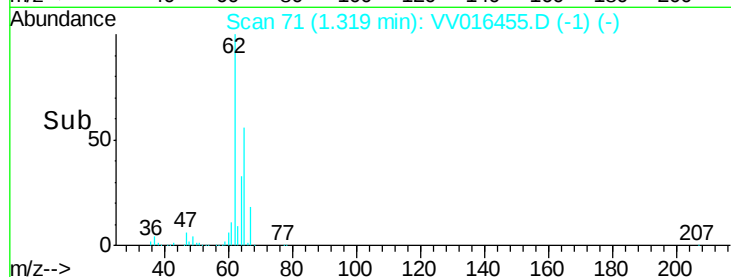
150000

100000

50000

0

Time-->



#8

Chloroethane

Concen: 0.970 ug/L

RT: 1.59 min Scan# 156

Delta R.T. -0.01 min

Lab File: VV016455.D

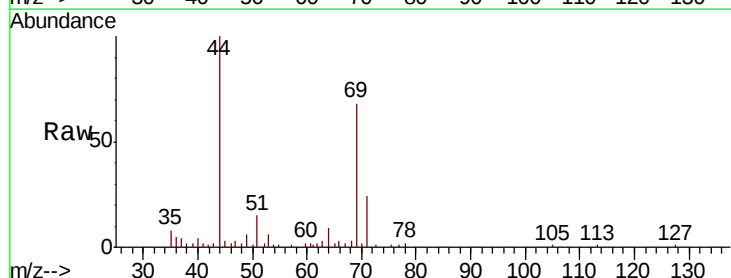
Acq: 03 Jun 2020 14:32

Tgt Ion: 64 Resp: 1537

Ion Ratio Lower Upper

64 100

66 36.4 21.4 39.8



Abundance Ion 64.00 (63.70 to 64.70): VV0

Ion 66.00 (65.70 to 66.70): VV0

1200

1000

800

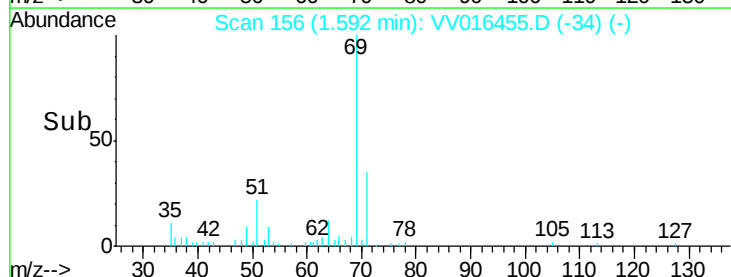
600

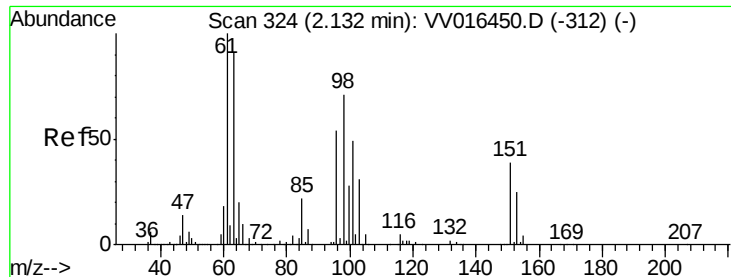
400

200

0

Time-->





#10

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

Concen: 0.756 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016455.D

Acq: 03 Jun 2020 14:32

Instrument :

MSVOA_V

ClientSampleId :

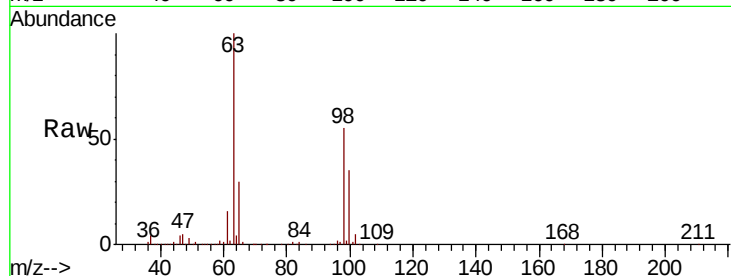
Tot Ion:101 Resp: 1605

Ion Ratio Lower Upper

101 100

85 4.7 35.6 53.4#

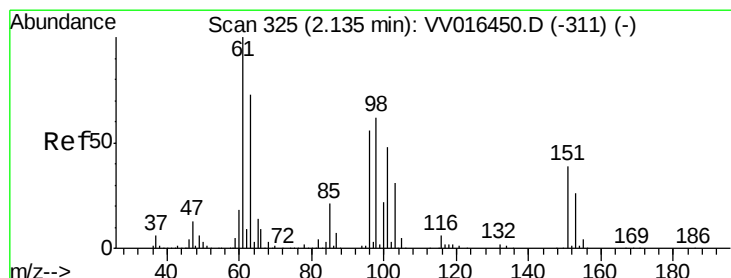
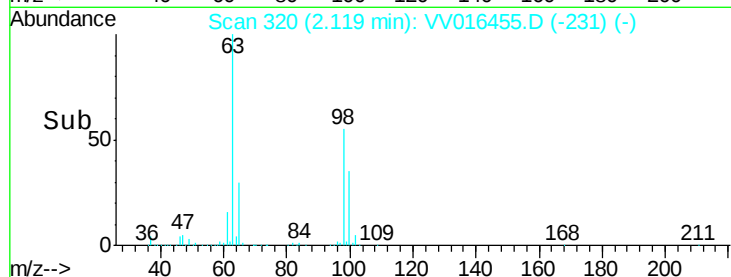
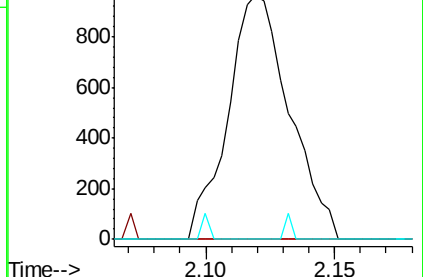
151 0.0 61.8 92.8#



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: 4.465 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV016455.D

Acq: 03 Jun 2020 14:32

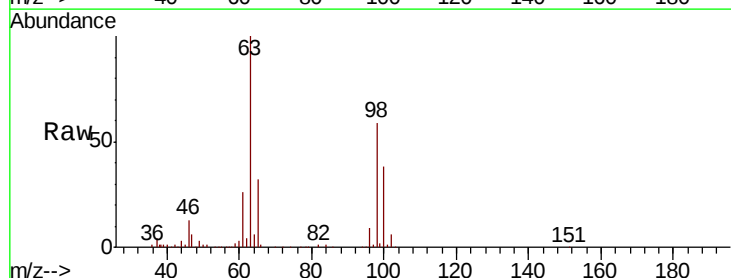
Tgt Ion: 96 Resp: 9125

Ion Ratio Lower Upper

96 100

61 291.1 125.5 233.1#

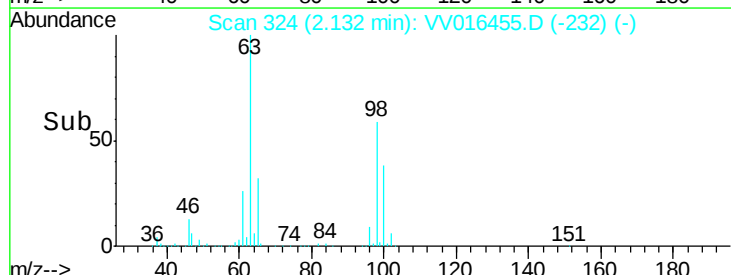
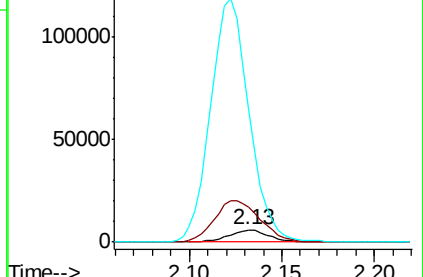
63 1105.6 104.0 193.1#

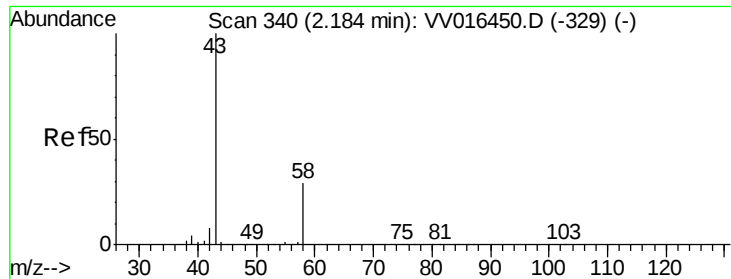


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 2.187 ug/L

RT: 2.17 min Scan# 337

Delta R.T. -0.01 min

Lab File: VV016455.D

Acq: 03 Jun 2020 14:32

Instrument :

MSVOA_V

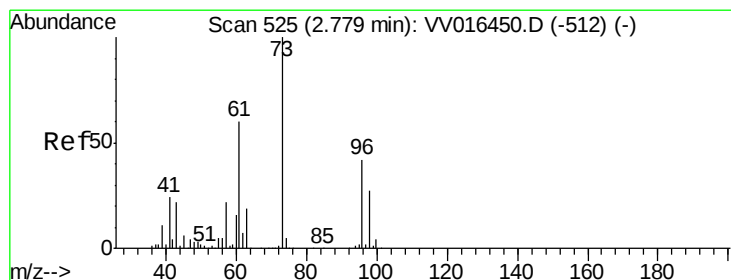
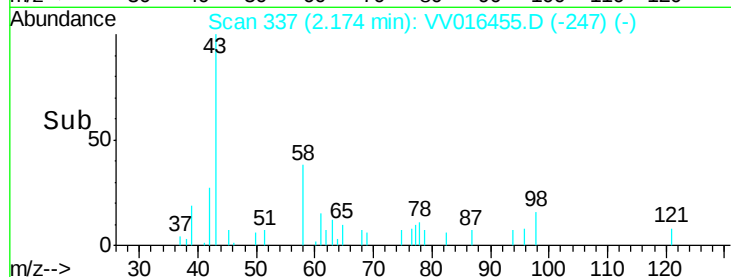
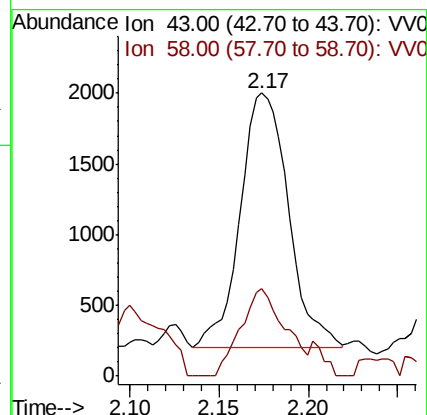
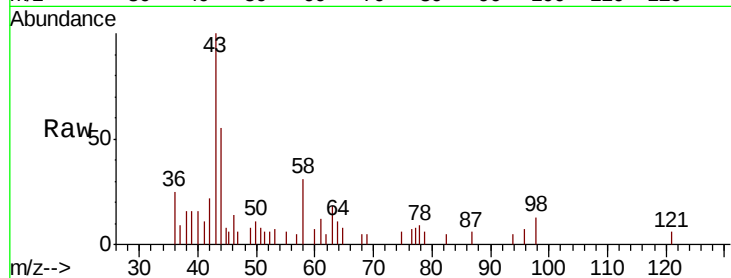
ClientSampled :

Tot Ion: 43 Resp: 3407

Ion Ratio Lower Upper

43 100

58 31.8 0.0 57.2



#17

trans-1,2-Dichloroethene

Concen: 6.239 ug/L

RT: 2.78 min Scan# 525

Delta R.T. -0.00 min

Lab File: VV016455.D

Acq: 03 Jun 2020 14:32

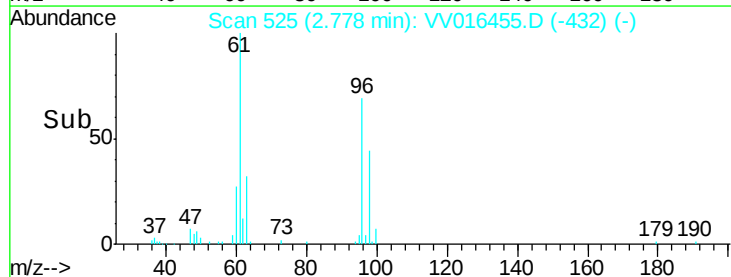
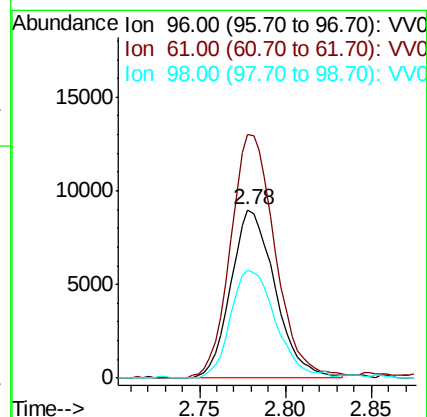
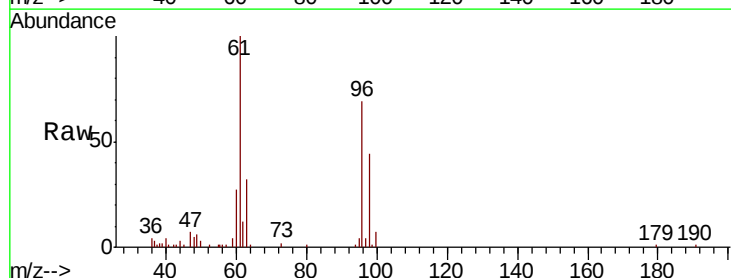
Tgt Ion: 96 Resp: 16087

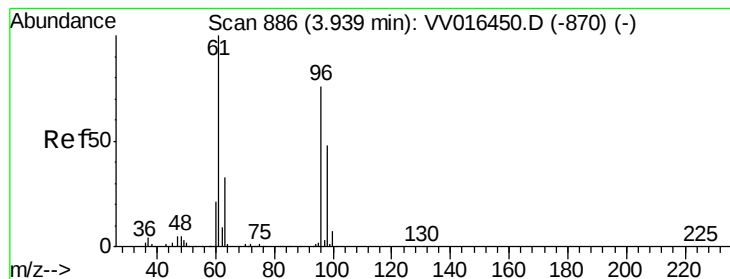
Ion Ratio Lower Upper

96 100

61 144.6 101.0 187.6

98 63.8 44.7 83.1



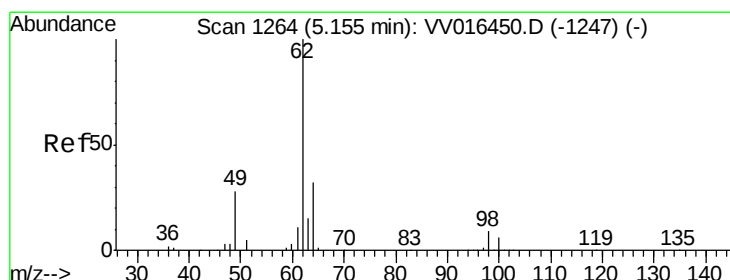
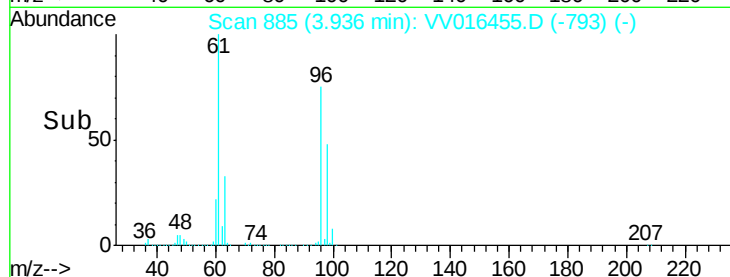
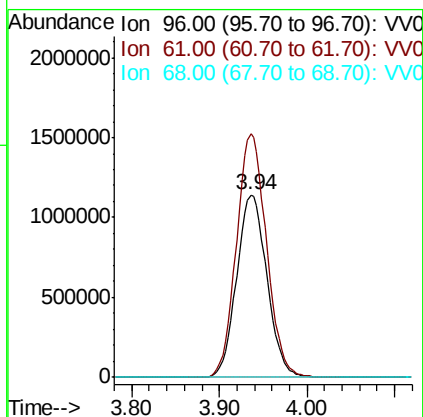
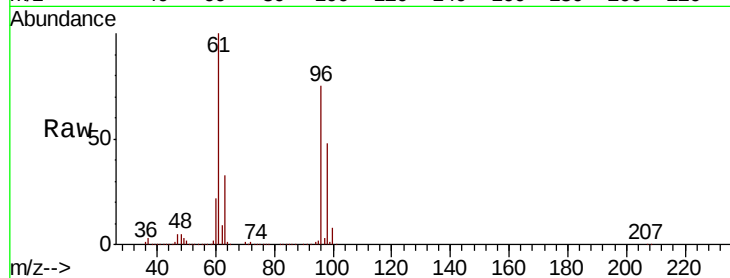


#20

cis-1,2-Dichloroethene
 Concen: 984.801 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: VV016455.D
 Acq: 03 Jun 2020 14:32

Instrument :
 MSVOA_V
 ClientSampleId :

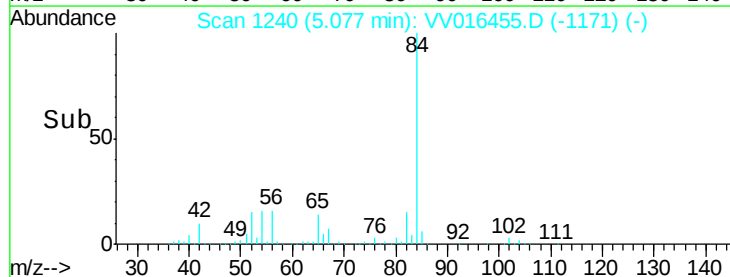
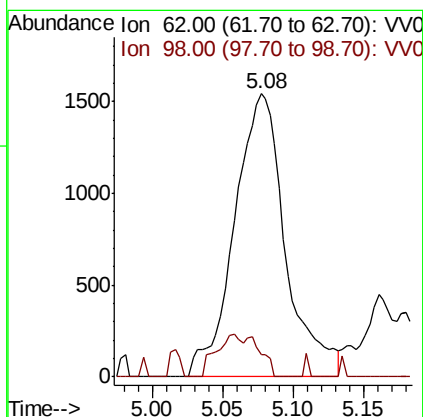
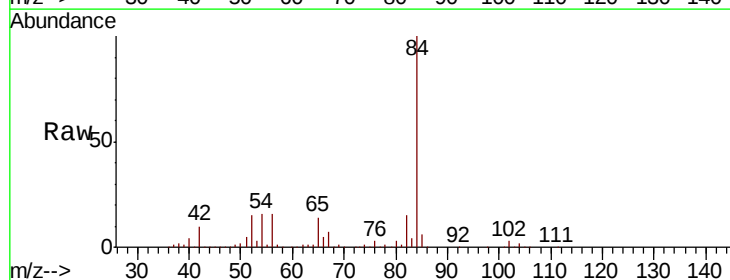
Tot Ion: 96 Resp: 2740470
 Ion Ratio Lower Upper
 96 100
 61 133.5 93.4 173.4
 68 0.0 0.0 0.0

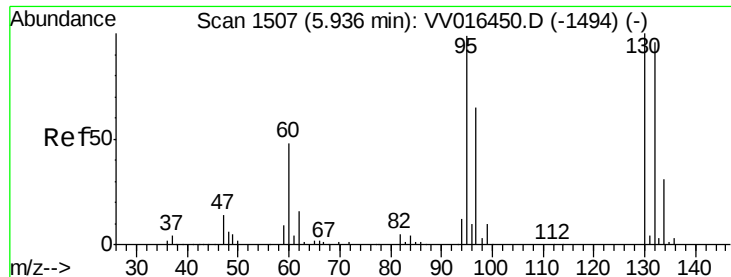


#27

1,2-Dichloroethane
 Concen: 0.963 ug/L
 RT: 5.08 min Scan# 1240
 Delta R.T. -0.08 min
 Lab File: VV016455.D
 Acq: 03 Jun 2020 14:32

Tgt Ion: 62 Resp: 3910
 Ion Ratio Lower Upper
 62 100
 98 7.7 6.9 10.3

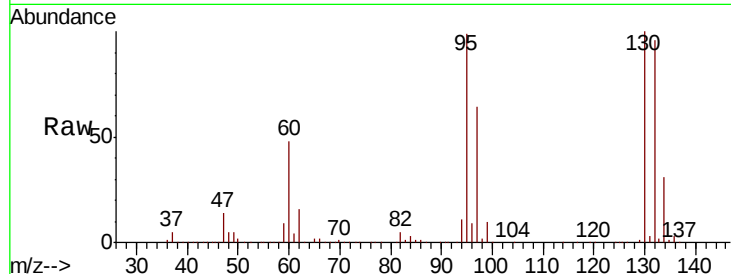




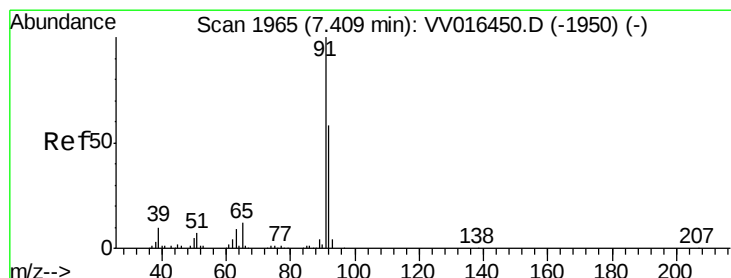
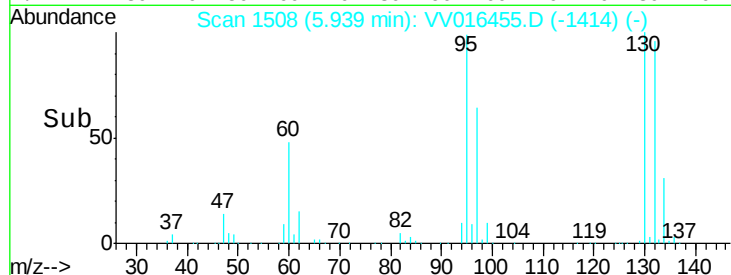
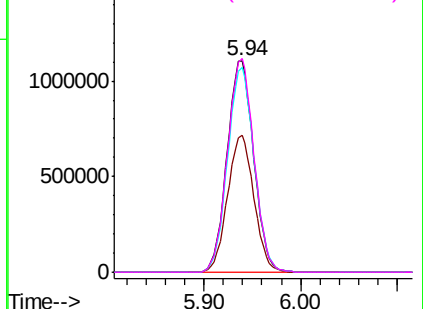
#34
 Trichloroethene
 Concen: 776.774 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV016455.D
 Acq: 03 Jun 2020 14:32

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 95 Resp: 2112238
 Ion Ratio Lower Upper
 95 100
 97 64.5 42.8 79.6
 132 96.9 65.6 121.8
 130 100.9 69.0 128.1

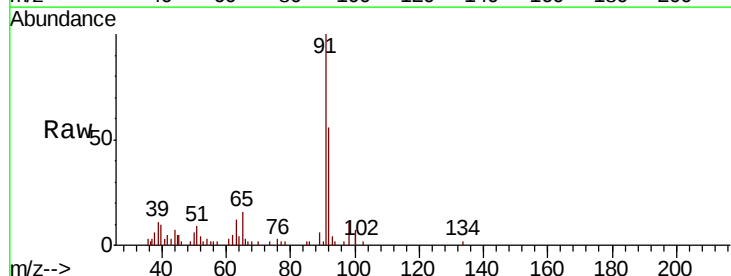


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

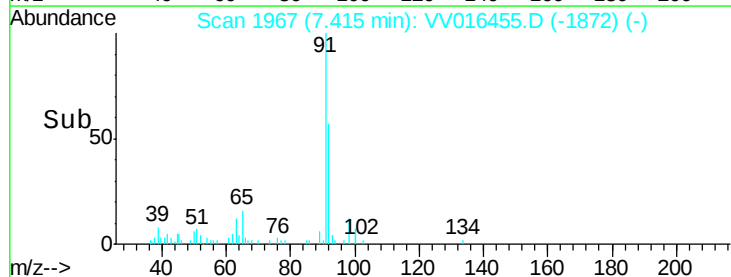
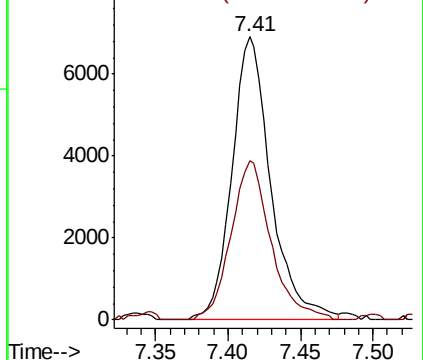


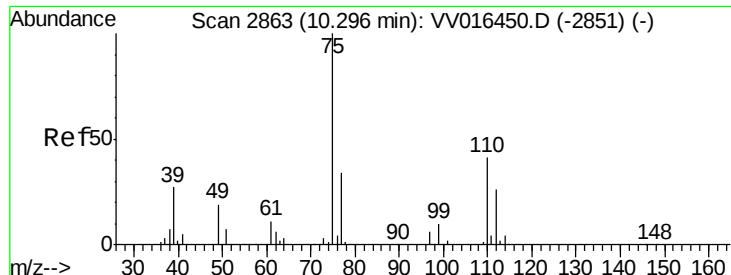
#42
 Toluene
 Concen: 1.173 ug/L
 RT: 7.41 min Scan# 1967
 Delta R.T. 0.01 min
 Lab File: VV016455.D
 Acq: 03 Jun 2020 14:32

Tgt Ion: 91 Resp: 12880
 Ion Ratio Lower Upper
 91 100
 92 56.0 40.9 75.9



Abundance Ion 91.00 (90.70 to 91.70): VV0
 Ion 92.00 (91.70 to 92.70): VV0





#59

1,2,3-Trichloropropane

Concen: 6.202 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV016455.D

Acq: 03 Jun 2020 14:32

Instrument :

MSVOA_V

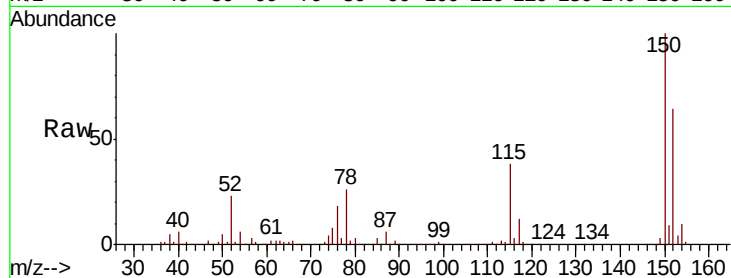
ClientSampleId :

Tot Ion: 75 Resp: 20905

Ion Ratio Lower Upper

75 100

77 39.1 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

