

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092520\
 Data File : VV018455.D
 Acq On : 25 Sep 2020 15:07
 Operator : SY/MD
 Sample : L4117-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA1

Quant Time: Sep 25 23:45:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 25 23:36:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	408790	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	387977	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	199370	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	144339	43.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.66%
7) Chloroethane-d5	1.58	69	118894	43.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.22%
11) 1,1-Dichloroethene-d2	2.12	63	201936	33.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.08%
21) 2-Butanone-d5	3.92	46	179676	88.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.11%
24) Chloroform-d	4.38	84	244689	42.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.66%
26) 1,2-Dichloroethane-d4	5.06	65	160703	43.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.74%
32) Benzene-d6	5.08	84	521988	47.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.09	67	165151	46.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.60%
41) Toluene-d8	7.34	98	470559	46.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.98%
43) trans-1,3-Dichloropropene-	7.64	79	81135	45.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.48%
47) 2-Hexanone-d5	8.11	63	115674	86.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.53%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	201573	45.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.02%
64) 1,2-Dichlorobenzene-d4	11.65	152	196750	48.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.10%

Target Compounds

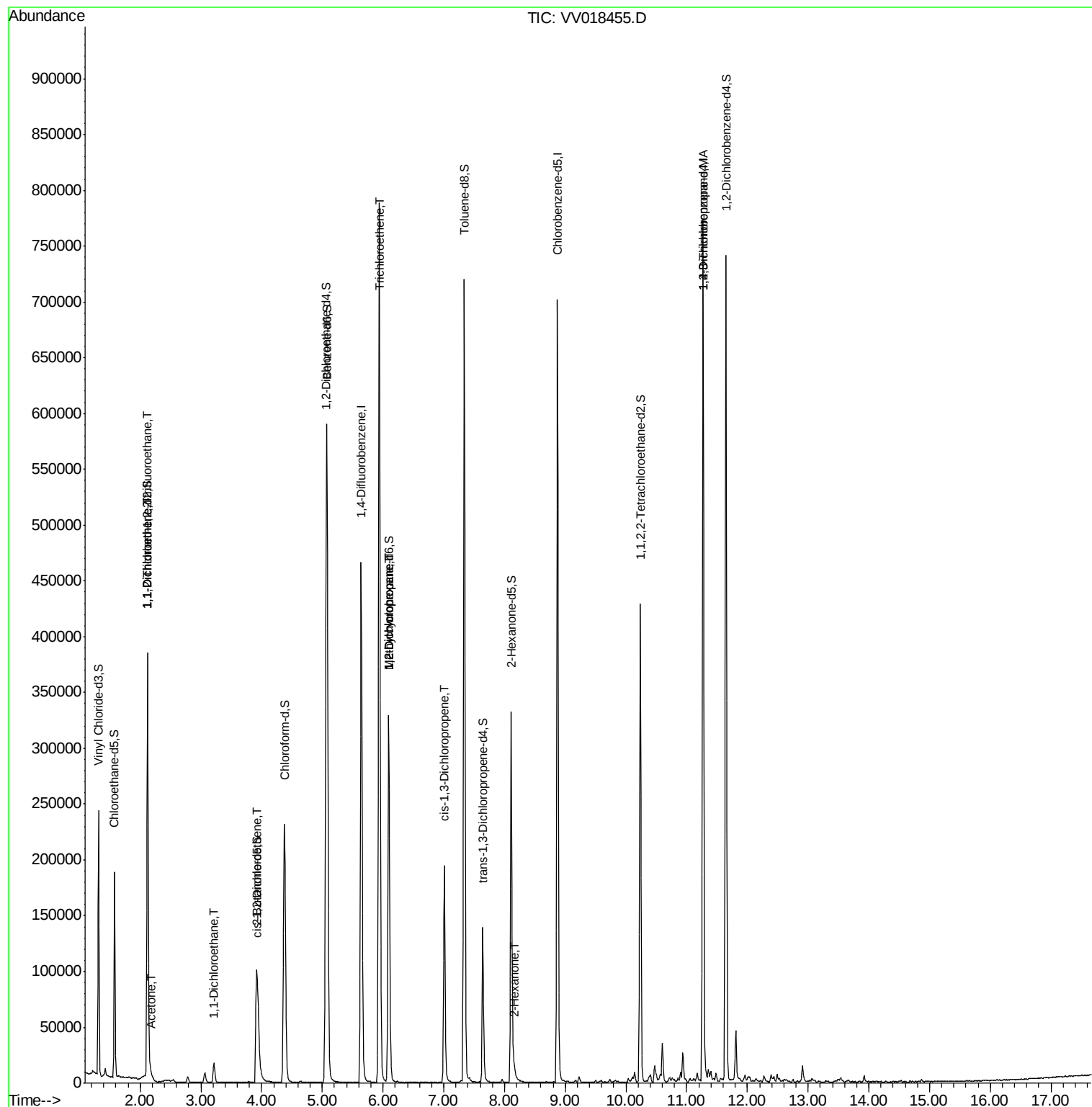
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1879	0.681	ug/L #	19
12) 1,1-Dichloroethene	2.13	96	3668	1.367	ug/L #	1
13) Acetone	2.19	43	4419	2.706	ug/L	89
19) 1,1-Dichloroethane	3.22	63	18842	3.603	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	13077	4.422	ug/L	86
34) Trichloroethene	5.94	95	276427	91.478	ug/L	99
35) Methylcyclohexane	6.09	83	39066	8.586	ug/L #	17
37) 1,2-Dichloropropane	6.09	63	17292	5.883	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	4324	0.955	ug/L #	74
48) 2-Hexanone	8.16	43	4965	1.766	ug/L #	45
59) 1,2,3-Trichloropropane	11.27	75	22444	6.492	ug/L	93

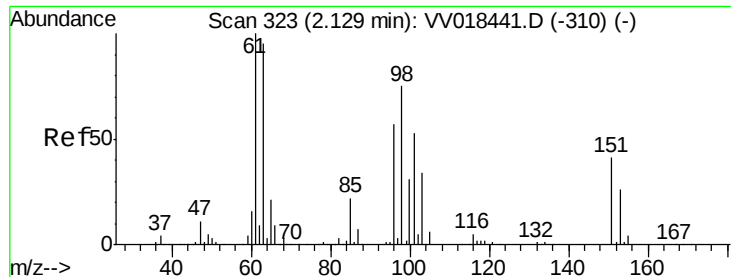
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.681 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018455.D

Acq: 25 Sep 2020 15:07

Instrument :

MSVOA_V

ClientSampleId :

E0AA1

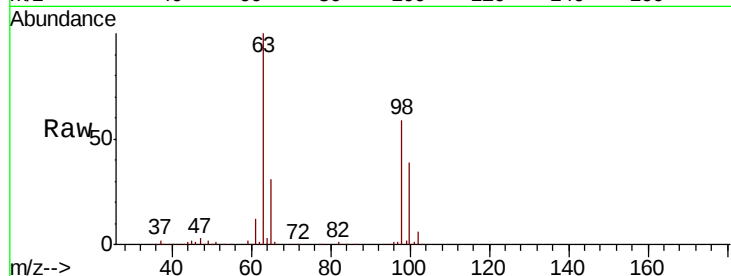
Tot Ion:101 Resp: 1879

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

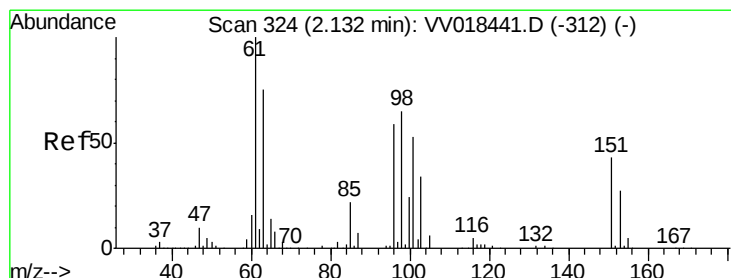
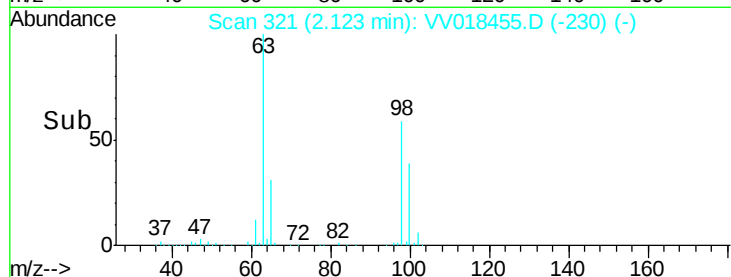
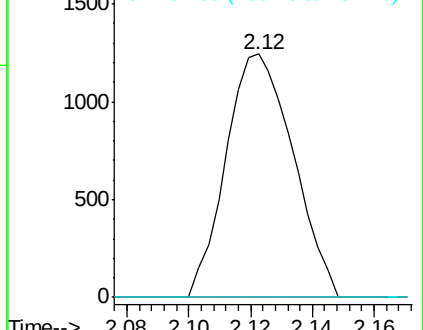
151 0.0 62.2 93.2#



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: 1.367 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV018455.D

Acq: 25 Sep 2020 15:07

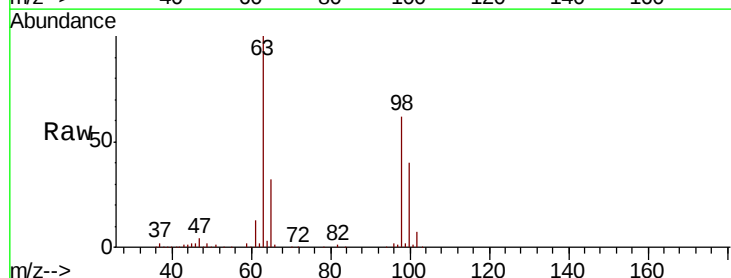
Tgt Ion: 96 Resp: 3668

Ion Ratio Lower Upper

96 100

61 664.6 122.9 228.3#

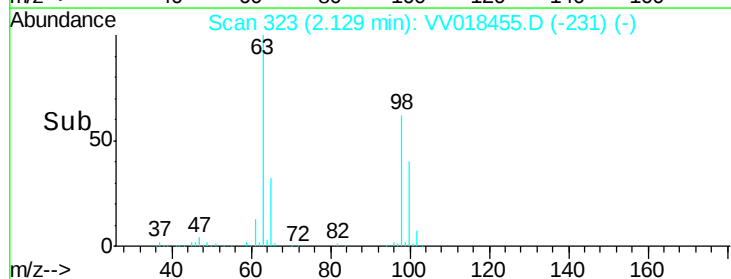
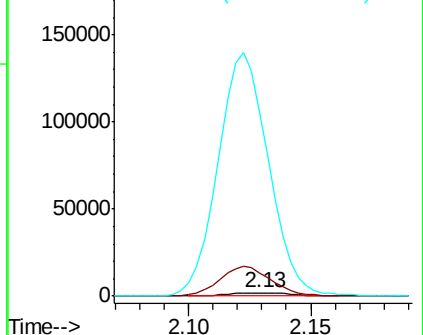
63 5191.1 91.9 170.7#

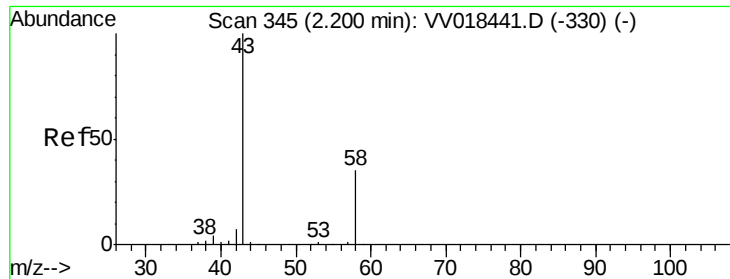


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 2.706 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.01 min

Lab File: VV018455.D

Acq: 25 Sep 2020 15:07

Instrument :

MSVOA_V

ClientSampleId :

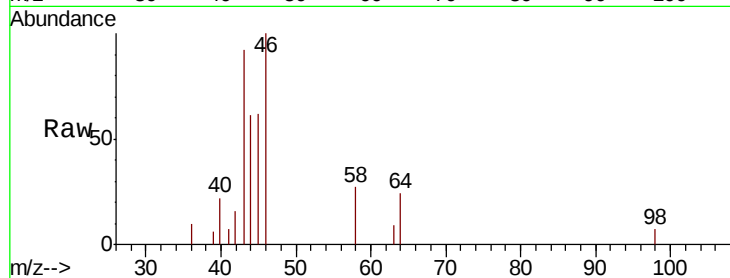
E0AA1

Tot Ion: 43 Resp: 4419

Ion Ratio Lower Upper

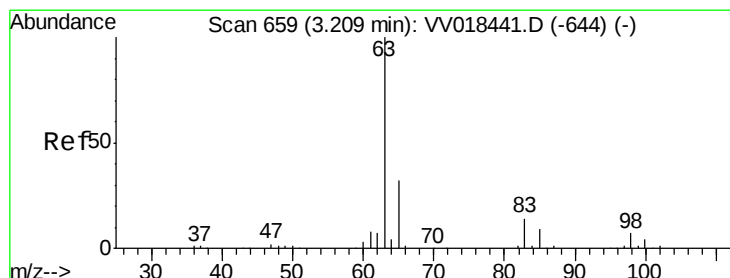
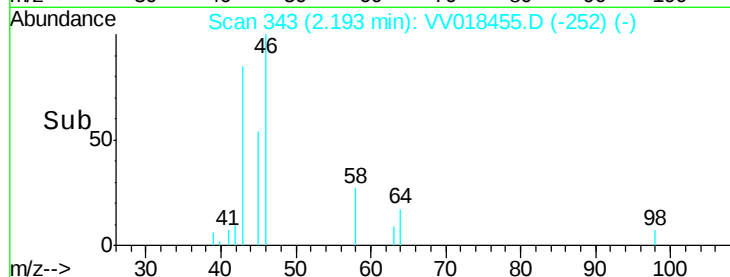
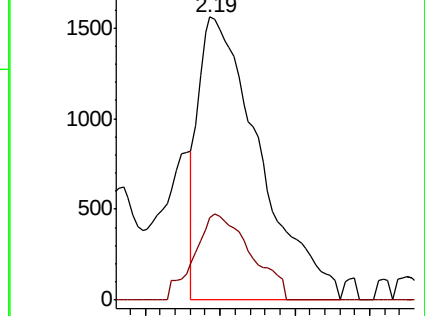
43 100

58 27.2 0.0 67.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#19

1,1-Dichloroethane

Concen: 3.603 ug/L

RT: 3.22 min Scan# 661

Delta R.T. 0.01 min

Lab File: VV018455.D

Acq: 25 Sep 2020 15:07

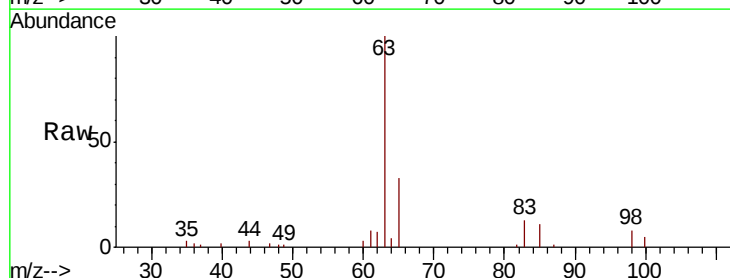
Tgt Ion: 63 Resp: 18842

Ion Ratio Lower Upper

63 100

65 32.5 22.5 41.7

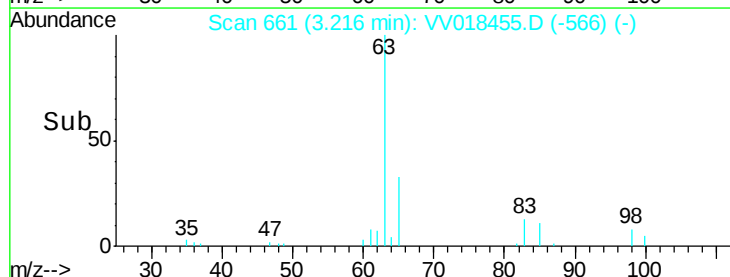
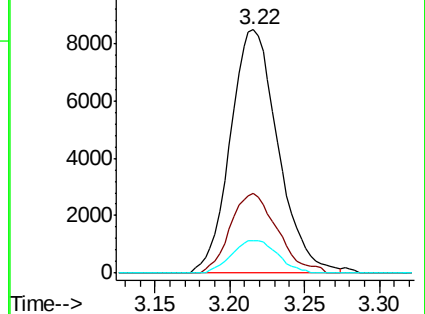
83 13.4 9.3 17.3

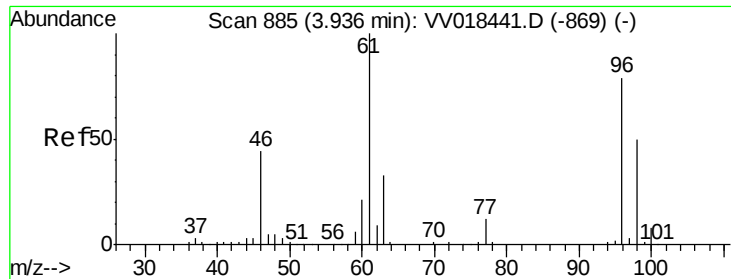


Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 65.00 (64.70 to 65.70): VV0

Ion 83.00 (82.70 to 83.70): VV0

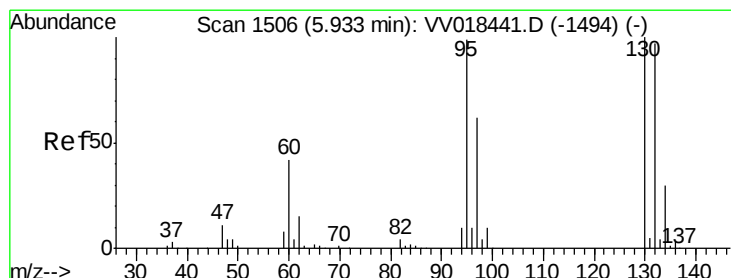
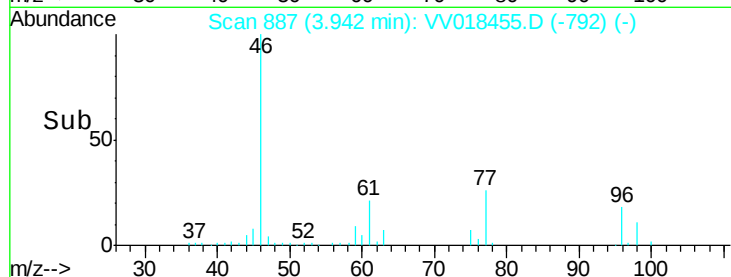
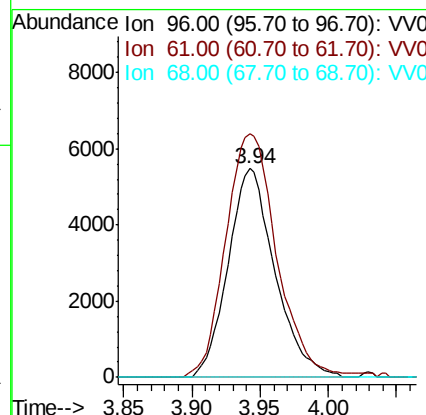
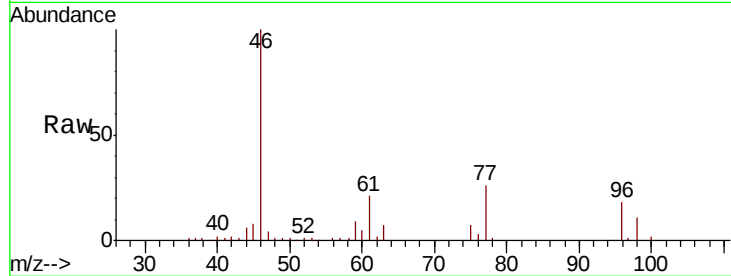




#20
 cis-1,2-Dichloroethene
 Concen: 4.422 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: VV018455.D
 Acq: 25 Sep 2020 15:07

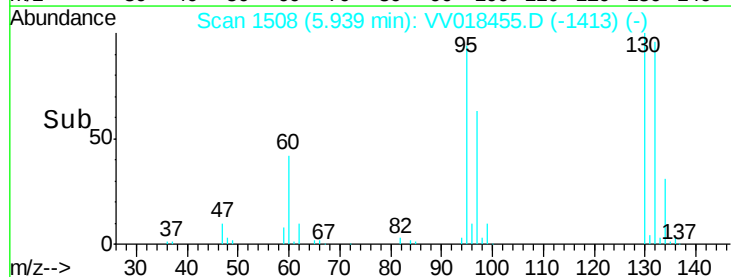
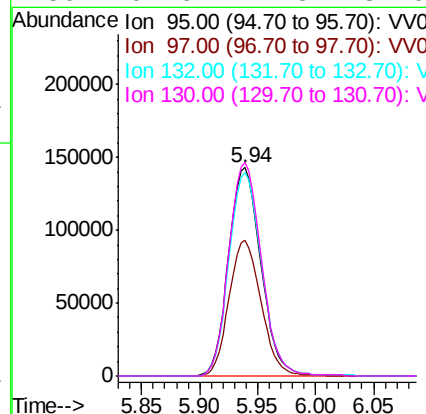
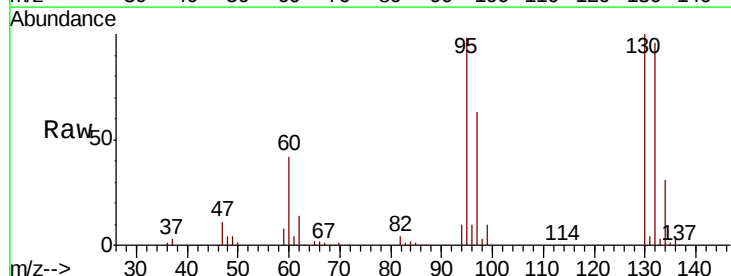
Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA1

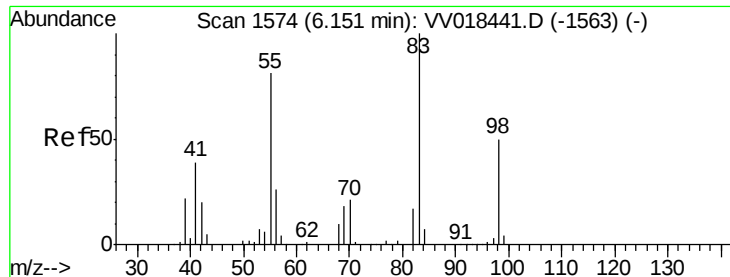
Tot Ion: 96 Resp: 13077
 Ion Ratio Lower Upper
 96 100
 61 116.8 93.6 173.8
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 91.478 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.01 min
 Lab File: VV018455.D
 Acq: 25 Sep 2020 15:07

Tgt Ion: 95 Resp: 276427
 Ion Ratio Lower Upper
 95 100
 97 64.9 46.3 85.9
 132 97.9 68.1 126.5
 130 102.6 71.5 132.9

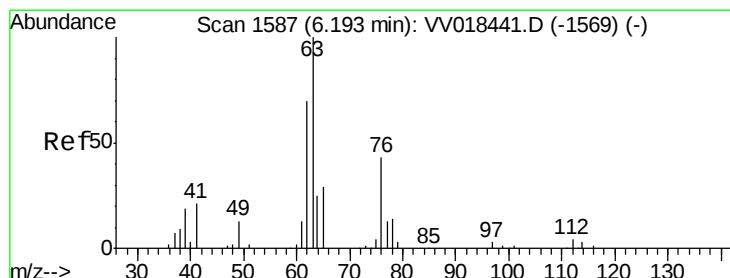
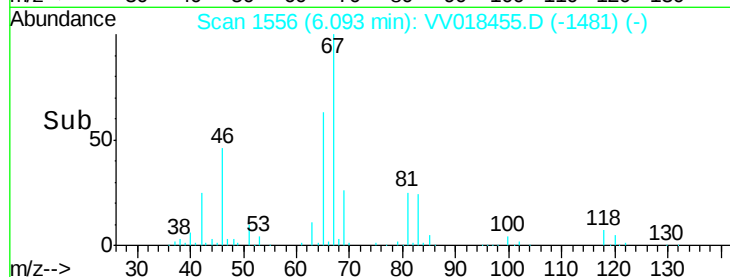
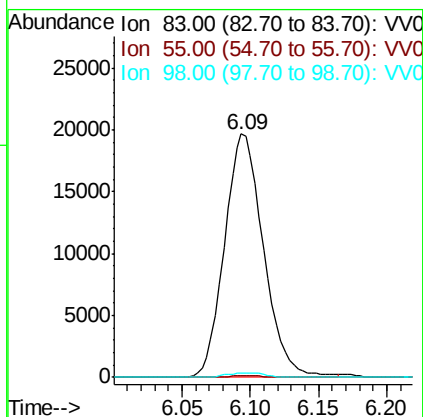
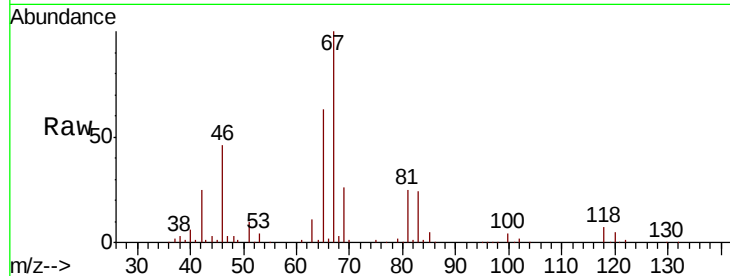




#35
Methvlcvclohexane
Concen: 8.586 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018455.D
Acq: 25 Sep 2020 15:07

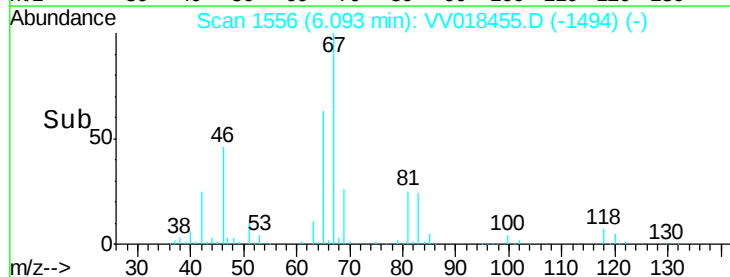
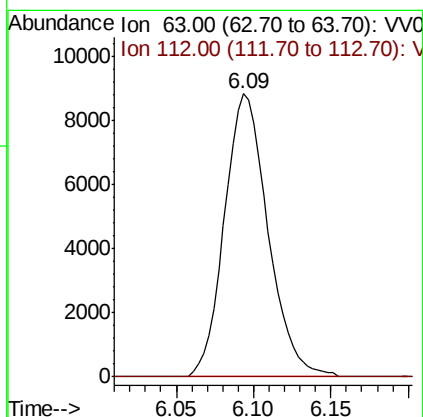
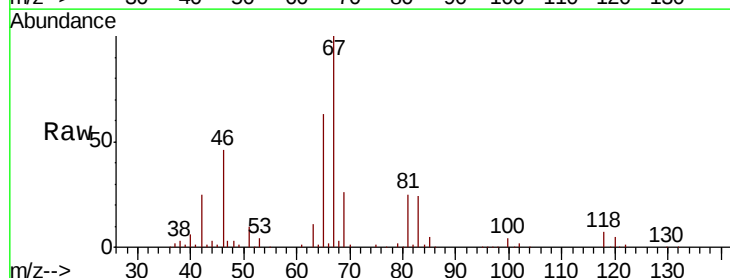
Instrument :
MSVOA_V
ClientSampled :
E0AA1

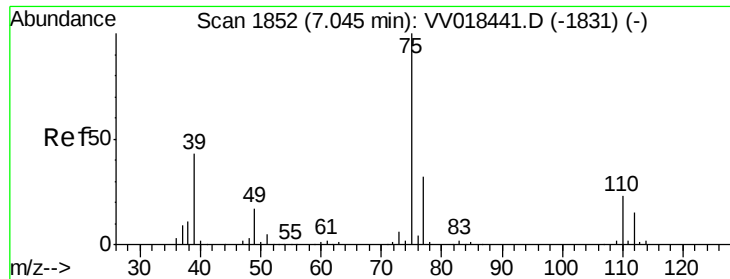
Tot Ion: 83 Resp: 39066
Ion Ratio Lower Upper
83 100
55 0.0 63.4 95.2#
98 0.9 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 5.883 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV018455.D
Acq: 25 Sep 2020 15:07

Tgt Ion: 63 Resp: 17292
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#

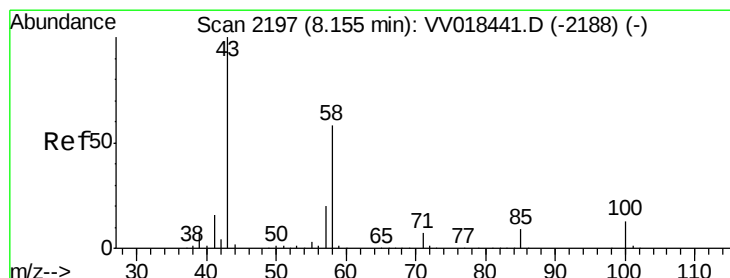
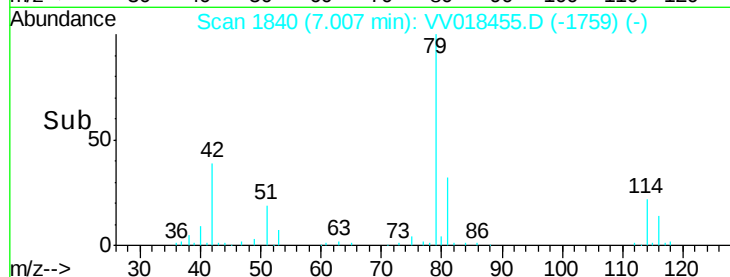
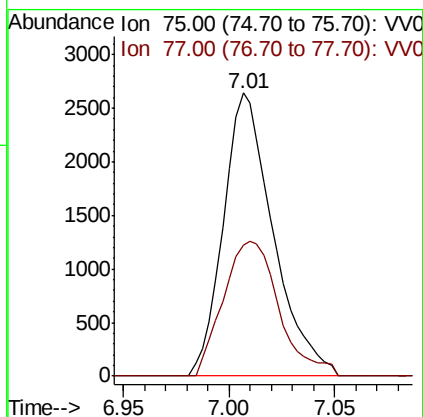
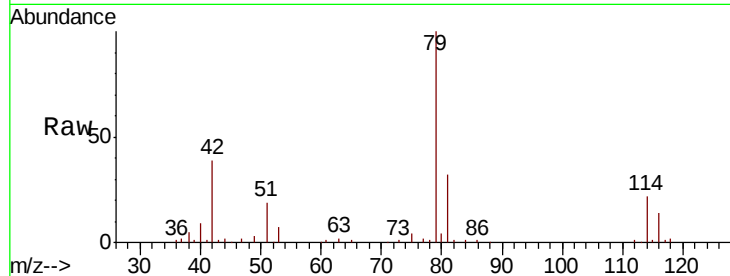




#39
 cis-1,3-Dichloropropene
 Concen: 0.955 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018455.D
 Acq: 25 Sep 2020 15:07

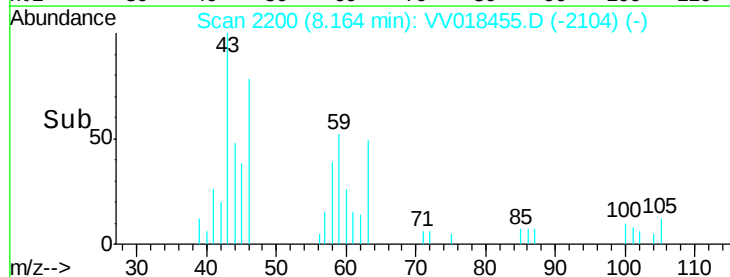
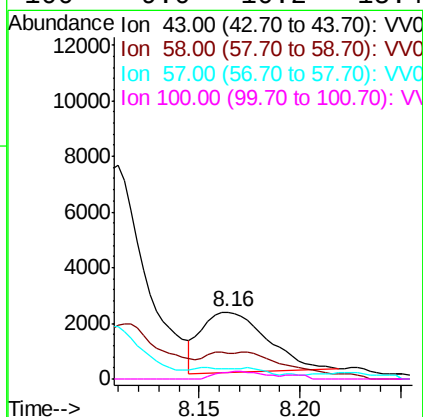
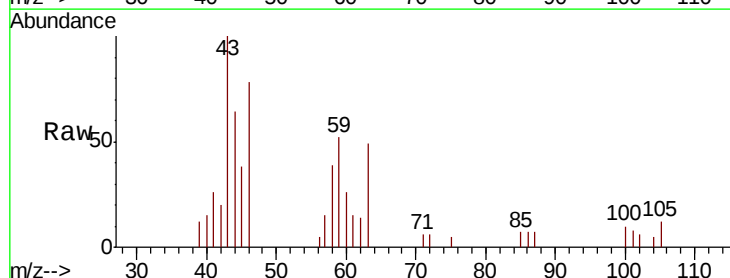
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 E0AA1

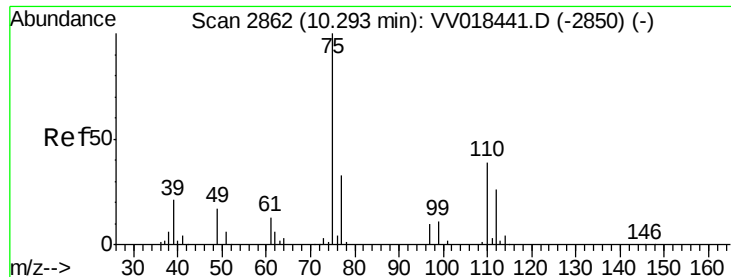
Tot Ion: 75 Resp: 4324
 Ion Ratio Lower Upper
 75 100
 77 46.2 22.3 41.3#



#48
 2-Hexanone
 Concen: 1.766 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV018455.D
 Acq: 25 Sep 2020 15:07

Tgt Ion: 43 Resp: 4965
 Ion Ratio Lower Upper
 43 100
 58 3.7 44.8 67.2#
 57 3.1 15.8 23.6#
 100 9.0 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 6.492 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018455.D

Acq: 25 Sep 2020 15:07

Instrument :

MSVOA_V

ClientSampleId :

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Tot Ion: 75 Resp: 22444

Ion Ratio Lower Upper

75 100

77 36.0 25.8 38.6

