

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100220\
 Data File : VV018622.D
 Acq On : 02 Oct 2020 13:50
 Operator : SY/MD
 Sample : L4237-14MSD
 Misc : 5.2mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AC7MSD

Quant Time: Oct 03 00:52:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 03 00:50:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	238642	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	238713	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	119842	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83969	60.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	120.00%
7) Chloroethane-d5	1.58	69	71966	62.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	124.38%
11) 1,1-Dichloroethene-d2	2.12	63	183935	64.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	129.00%#
21) 2-Butanone-d5	3.91	46	109651	105.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.03%
24) Chloroform-d	4.38	84	169234	55.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.84%
26) 1,2-Dichloroethane-d4	5.06	65	113833	59.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.50%
32) Benzene-d6	5.07	84	328850	54.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.78%
36) 1,2-Dichloropropane-d6	6.09	67	101429	55.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.04%
41) Toluene-d8	7.34	98	302711	53.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.44%
43) trans-1,3-Dichloropropene-	7.64	79	51526	52.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.42%
47) 2-Hexanone-d5	8.11	63	66689	96.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.10%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	121213	50.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.08%
64) 1,2-Dichlorobenzene-d4	11.65	152	131790	57.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.36%

Target Compounds

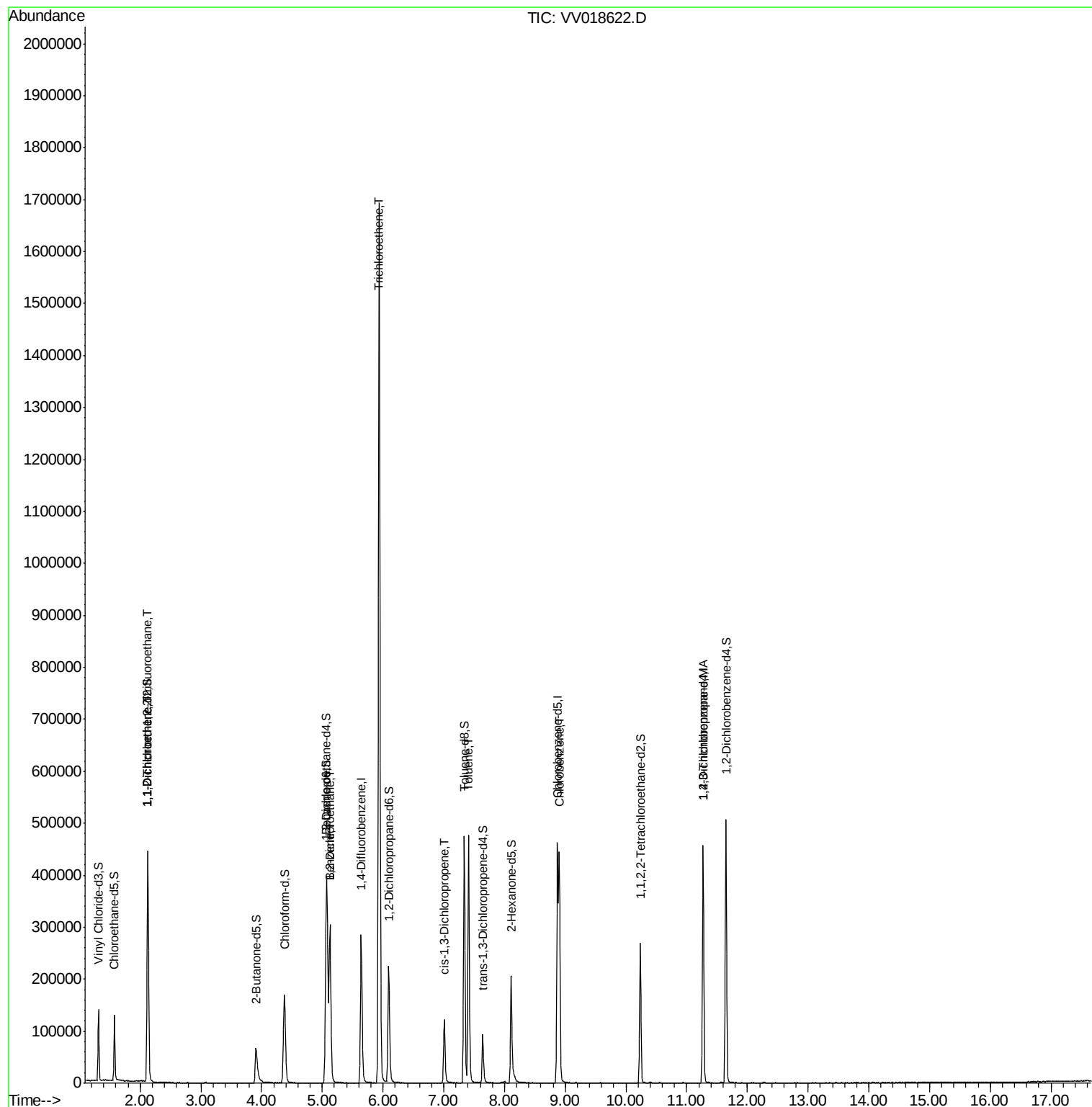
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1578	1.016	ug/L #	20
12) 1,1-Dichloroethene	2.13	96	73808	49.545	ug/L	92
27) 1,2-Dichloroethane	5.13	62	2123	0.864	ug/L #	74
33) Benzene	5.13	78	302174	43.087	ug/L	100
34) Trichloroethene	5.94	95	563306	276.672	ug/L	99
39) cis-1,3-Dichloropropene	7.01	75	3422	1.212	ug/L #	65
42) Toluene	7.41	91	331692	43.720	ug/L	100
51) Chlorobenzene	8.90	112	229472	44.710	ug/L	99
59) 1,2,3-Trichloropropane	11.27	75	12685	5.796	ug/L #	86

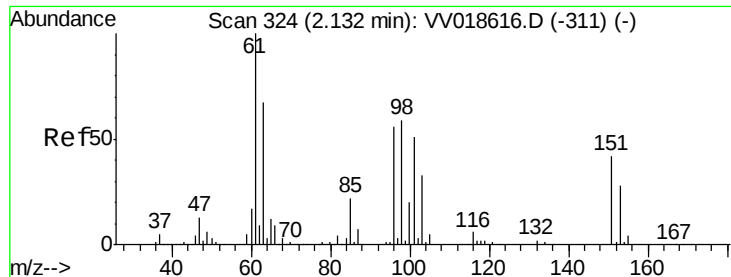
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Oct 03 00:50:30 2020
Response via : Initial Calibration





#10

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

Concen: 1.016 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018622.D

Acq: 02 Oct 2020 13:50

Instrument :

MSVOA_V

ClientSampleId :

E0AC7MSD

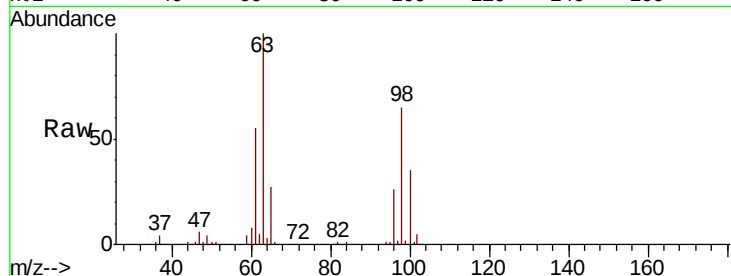
Tot Ion:101 Resp: 1578

Ion Ratio Lower Upper

101 100

85 4.1 34.6 52.0#

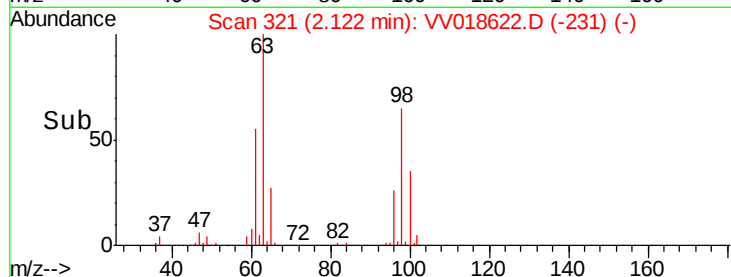
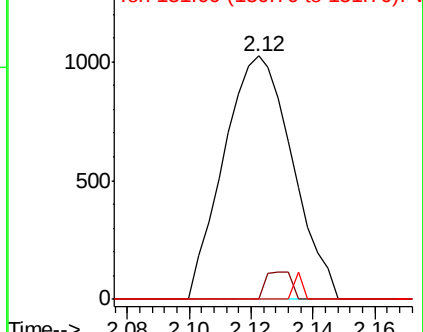
151 0.0 64.3 96.5#



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: 49.545 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV018622.D

Acq: 02 Oct 2020 13:50

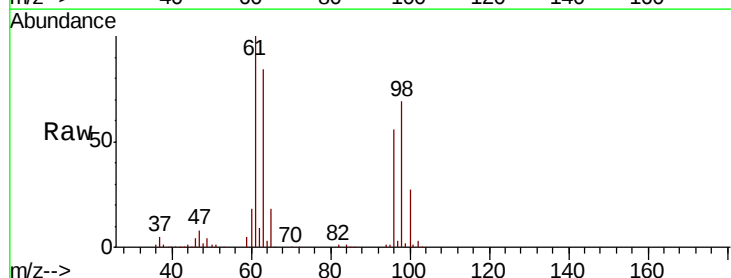
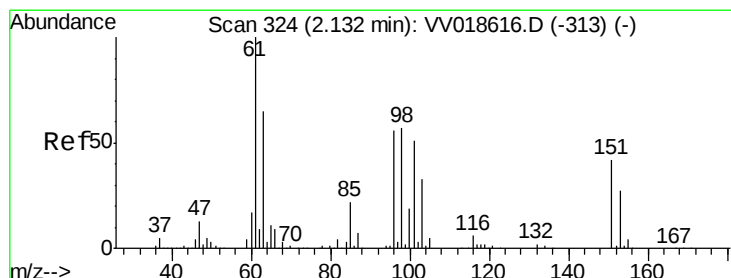
Tgt Ion: 96 Resp: 73808

Ion Ratio Lower Upper

96 100

61 178.6 122.8 228.1

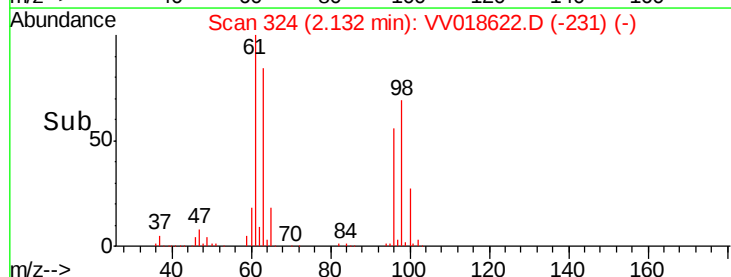
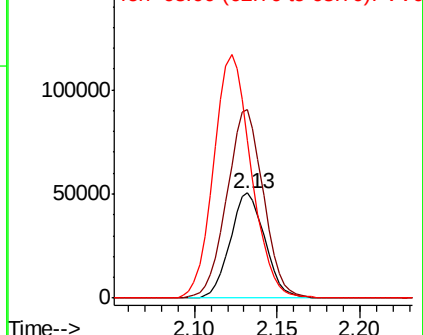
63 150.3 91.9 170.7

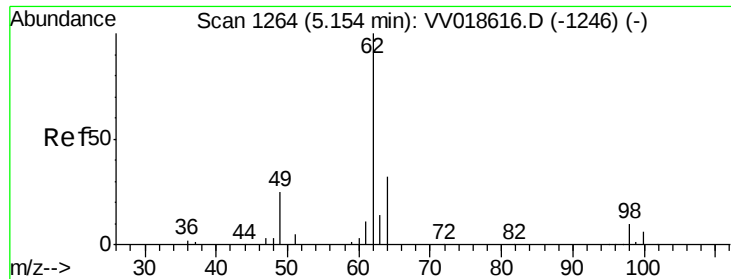


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

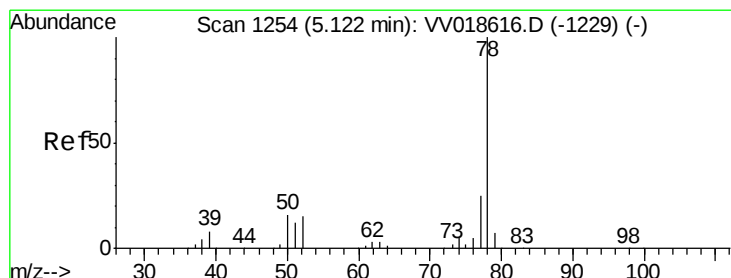
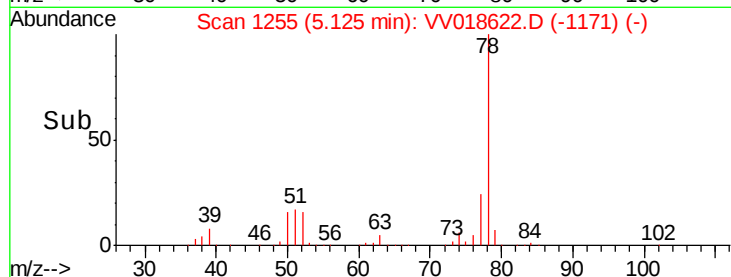
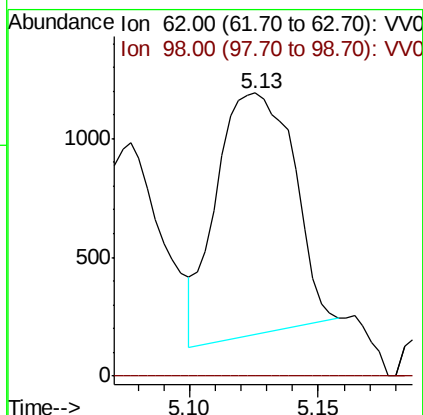
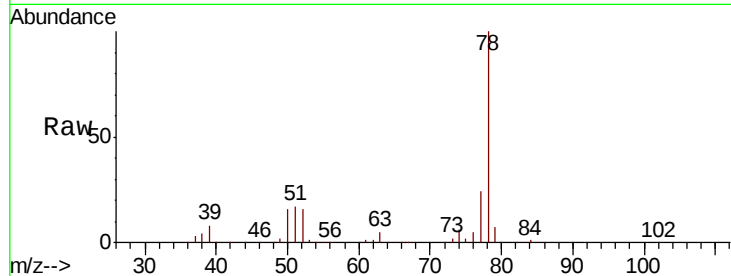




#27
 1,2-Dichloroethane
 Concen: 0.864 ug/L
 RT: 5.13 min Scan# 1255
 Delta R.T. -0.03 min
 Lab File: VV018622.D
 Acq: 02 Oct 2020 13:50

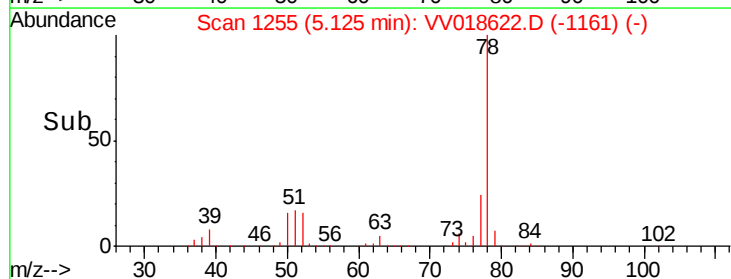
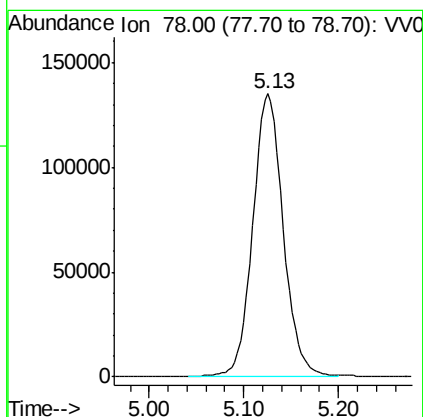
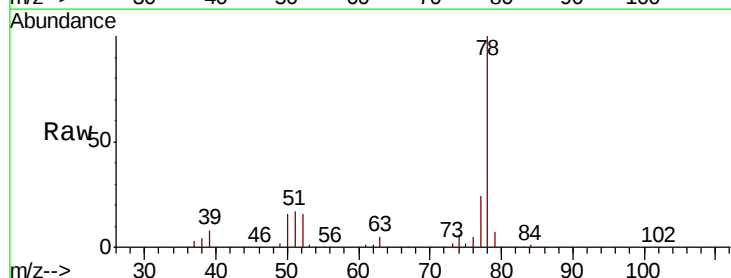
Instrument :
 MSVOA_V
 ClientSampleId :
 E0AC7MSD

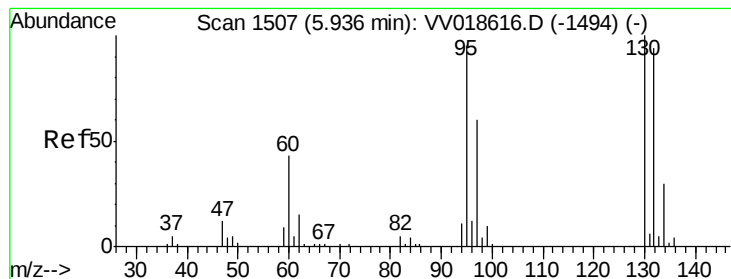
Tot Ion: 62 Resp: 2123
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.7 11.5#



#33
 Benzene
 Concen: 43.087 ug/L
 RT: 5.13 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: VV018622.D
 Acq: 02 Oct 2020 13:50

Tgt Ion: 78 Resp: 302174





#34

Trichloroethene

Concen: 276.672 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. 0.00 min

Lab File: VV018622.D

Acq: 02 Oct 2020 13:50

Instrument :

MSVOA_V

ClientSampleId :

E0AC7MSD

Tot Ion: 95 Resp: 563306

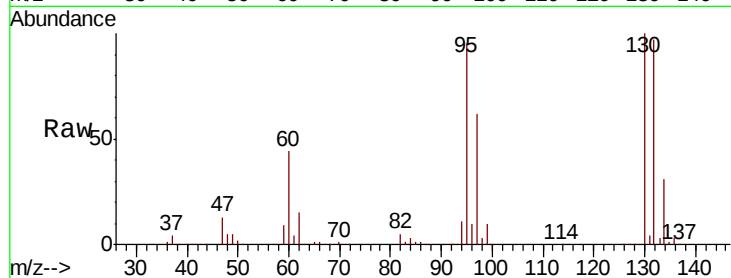
Ion Ratio Lower Upper

95 100

97 65.0 45.9 85.3

132 102.1 70.8 131.4

130 105.2 75.3 139.8

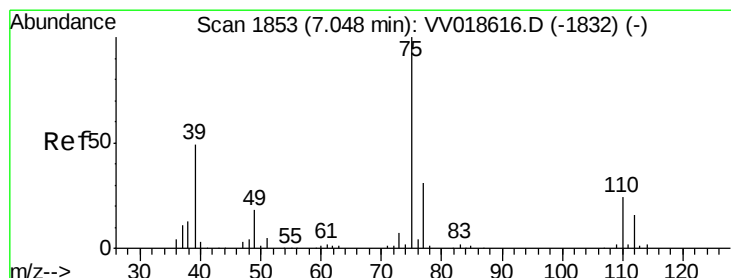
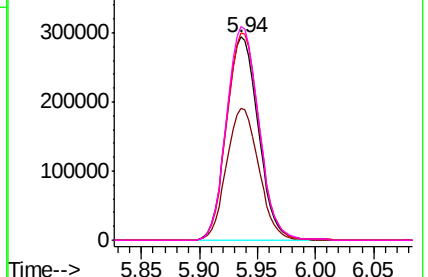
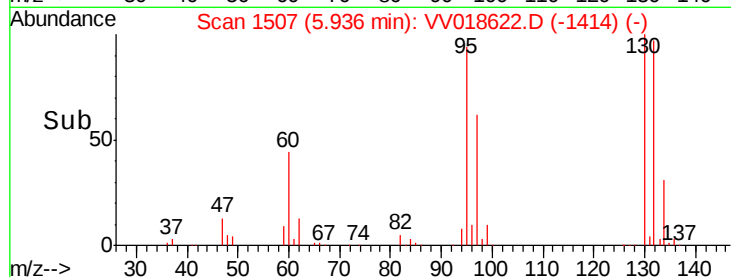


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#39

cis-1,3-Dichloropropene

Concen: 1.212 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV018622.D

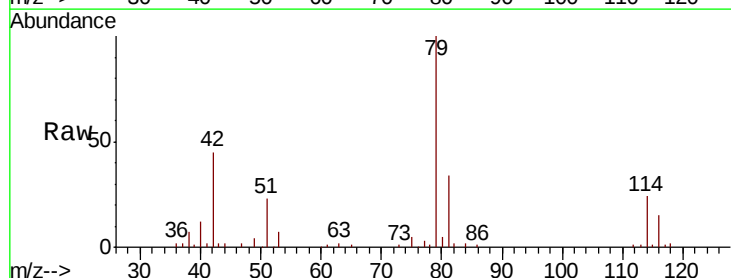
Acq: 02 Oct 2020 13:50

Tgt Ion: 75 Resp: 3422

Ion Ratio Lower Upper

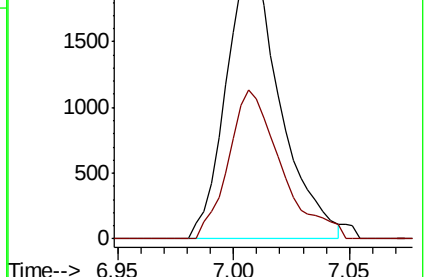
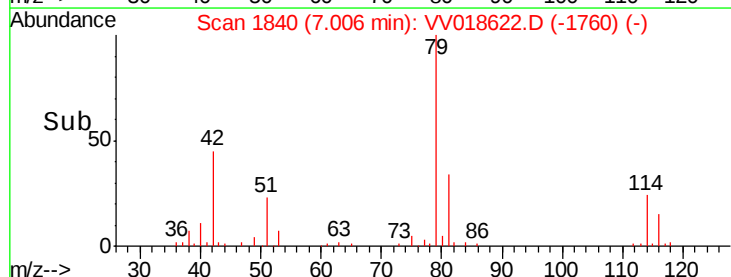
75 100

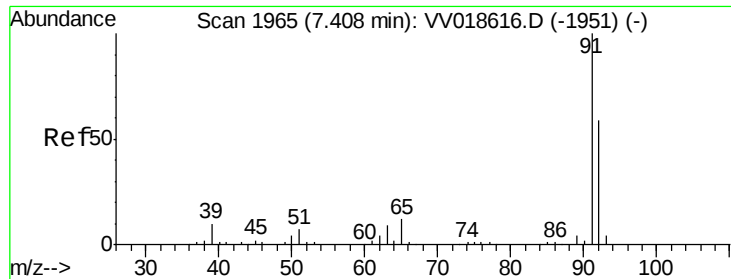
77 52.5 23.0 42.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#42

Toluene

Concen: 43.720 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VV018622.D

Acq: 02 Oct 2020 13:50

Instrument :

MSVOA_V

ClientSampleId :

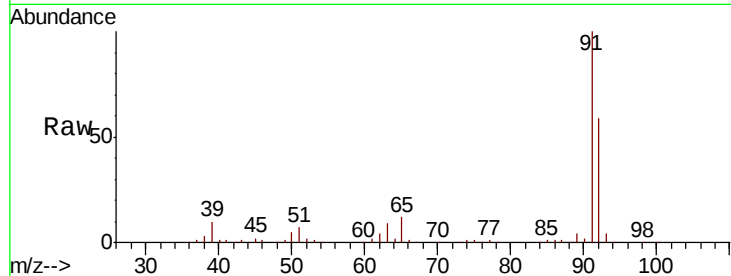
E0AC7MSD

Tot Ion: 91 Resp: 331692

Ion Ratio Lower Upper

91 100

92 59.4 41.6 77.3



Abundance Ion 91.00 (90.70 to 91.70): VV018616.D (-1951) (-)

Ion 92.00 (91.70 to 92.70): VV018616.D (-1951) (-)

7.41

200000

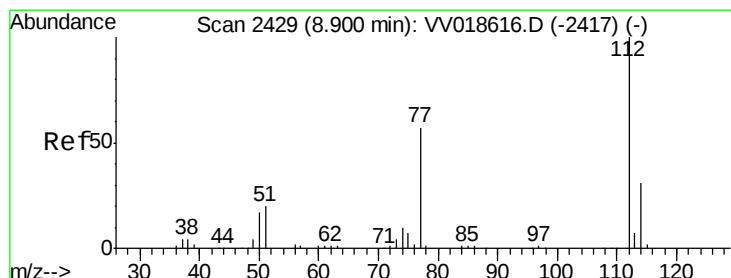
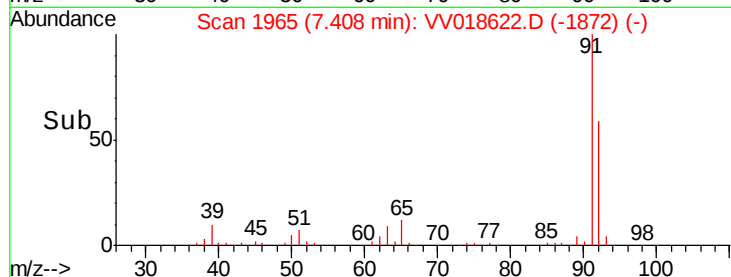
150000

100000

50000

0

Time-->



#51

Chlorobenzene

Concen: 44.710 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV018622.D

Acq: 02 Oct 2020 13:50

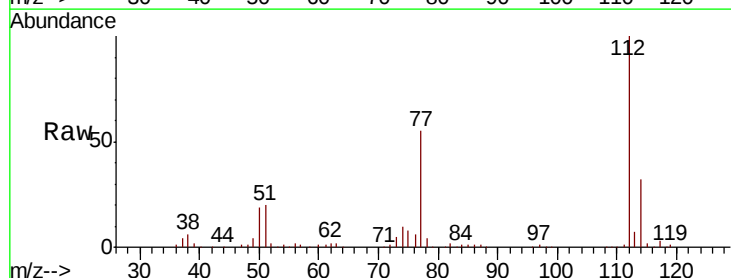
Tgt Ion: 112 Resp: 229472

Ion Ratio Lower Upper

112 100

114 32.1 22.4 41.6

77 55.1 44.8 67.2



Abundance Ion 112.00 (111.70 to 112.70): VV018616.D (-2417) (-)

Ion 114.00 (113.70 to 114.70): VV018616.D (-2417) (-)

Ion 77.00 (76.70 to 77.70): VV018616.D (-2417) (-)

8.90

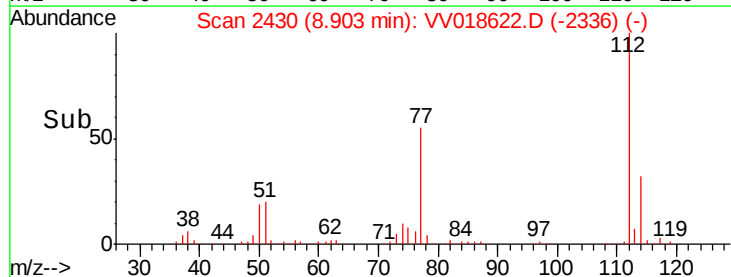
150000

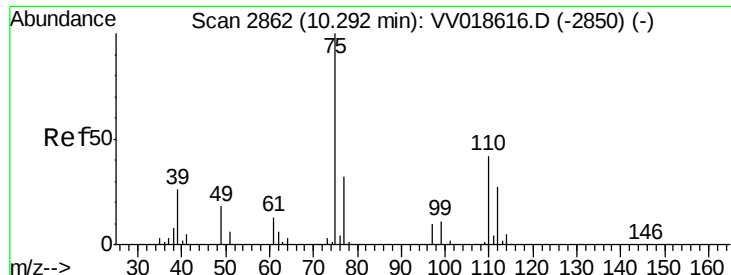
100000

50000

0

Time-->





#59

1,2,3-Trichloropropane

Concen: 5.796 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018622.D

Acq: 02 Oct 2020 13:50

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ClientSampleId :

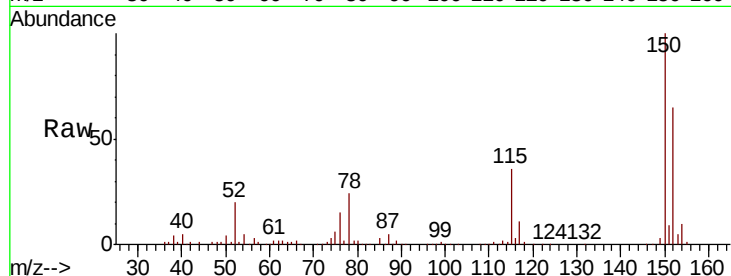
E0AC7MSD

Tot Ion: 75 Resp: 12685

Ion Ratio Lower Upper

75 100

77 39.3 25.4 38.0#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

