

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052120\
 Data File : VV016152.D
 Acq On : 21 May 2020 14:42
 Operator : SY/MD
 Sample : L2725-01DL 10X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9B00DL

Quant Time: May 22 03:35:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 22 01:50:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	144774	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	138799	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	66170	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30196	3.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.80%
7) Chloroethane-d5	1.58	69	34352	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.13	63	54947	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	3.94	46	94014	41.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.92%
24) Chloroform-d	4.38	84	85112	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.06	65	43414	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
32) Benzene-d6	5.08	84	159501	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.10	67	50577	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.34	98	139727	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
45) trans-1,3-Dichloropropene-	7.65	79	13959	3.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.60%
48) 2-Hexanone-d5	8.12	63	71804	41.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.62%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	30831	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	51390	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

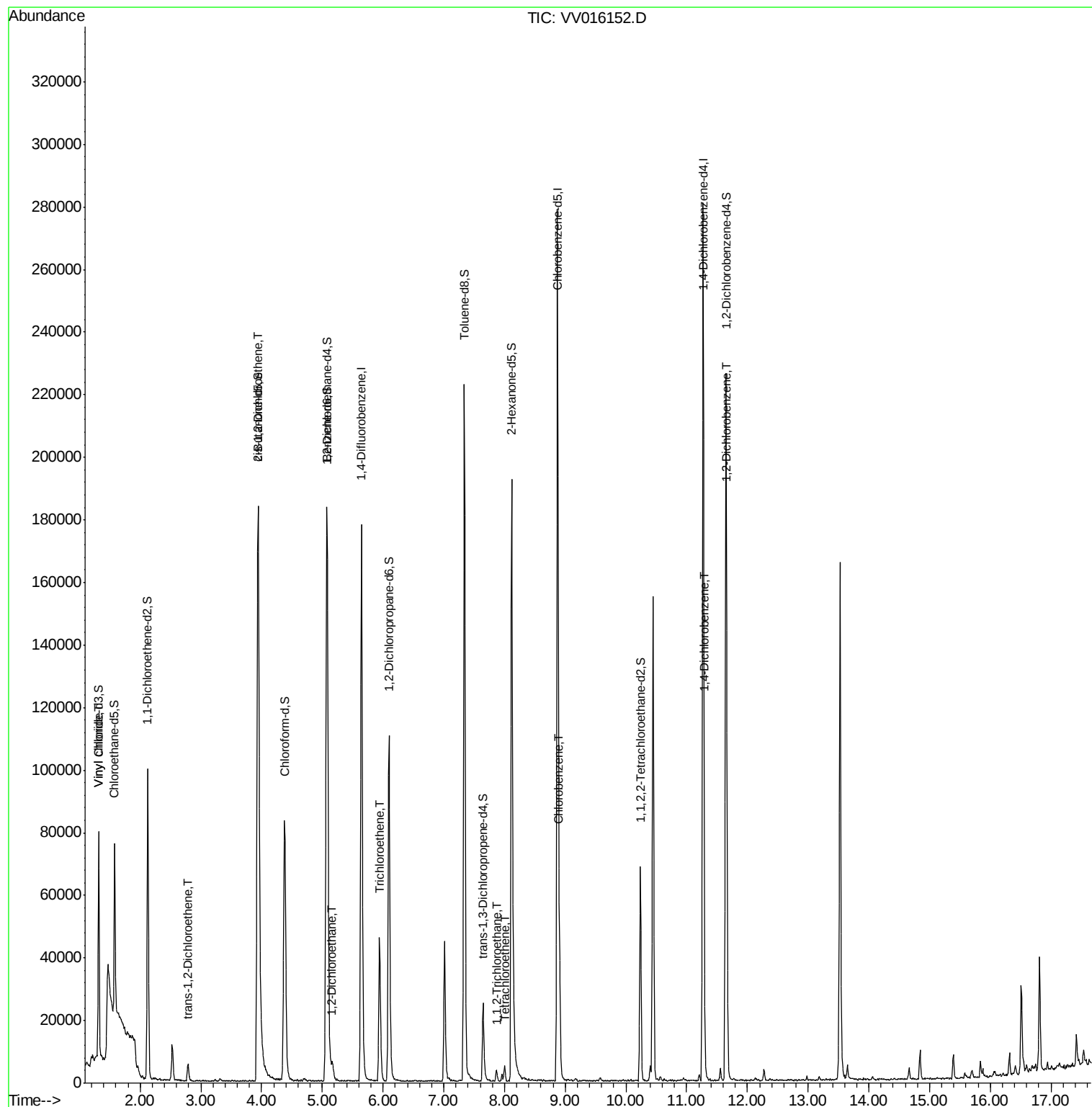
					Ovalue
5) Vinyl chloride	1.32	62	13150	1.224 ug/L #	65
18) trans-1,2-Dichloroethene	2.79	96	1788	0.203 ug/L	89
22) cis-1,2-Dichloroethene	3.94	96	76765	8.329 ug/L	97
27) 1,2-Dichloroethane	5.16	62	4160	0.363 ug/L #	94
34) Trichloroethene	5.94	95	16002	1.605 ug/L	93
47) 1,1,2-Trichloroethane	7.87	97	1129	0.191 ug/L	95
49) Tetrachloroethene	8.00	164	1044	0.150 ug/L	87
53) Chlorobenzene	8.91	112	18984	0.797 ug/L	99
64) 1,4-Dichlorobenzene	11.30	146	3876	0.216 ug/L	92
66) 1,2-Dichlorobenzene	11.67	146	14086	0.873 ug/L	96

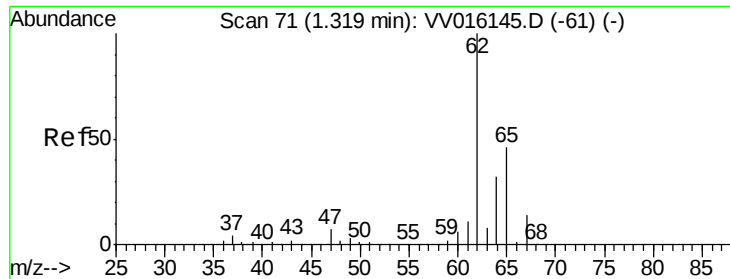
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 22 01:50:48 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.224 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV016152.D

Acq: 21 May 2020 14:42

Instrument :

MSVOA_V

ClientSampleId :

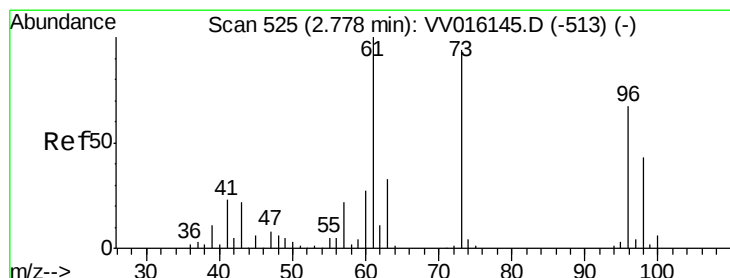
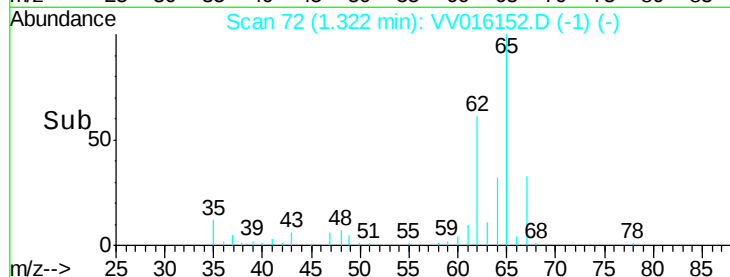
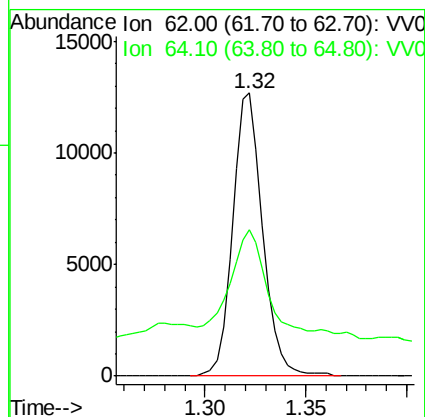
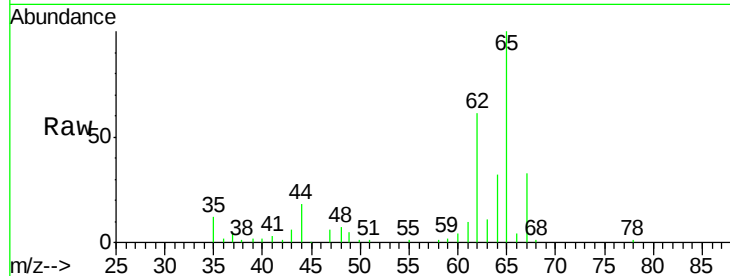
F9B00DL

Tot Ion: 62 Resp: 13150

Ion Ratio Lower Upper

62 100

64 51.5 22.4 41.6#



#18

trans-1,2-Dichloroethene

Concen: 0.203 ug/L

RT: 2.79 min Scan# 528

Delta R.T. 0.01 min

Lab File: VV016152.D

Acq: 21 May 2020 14:42

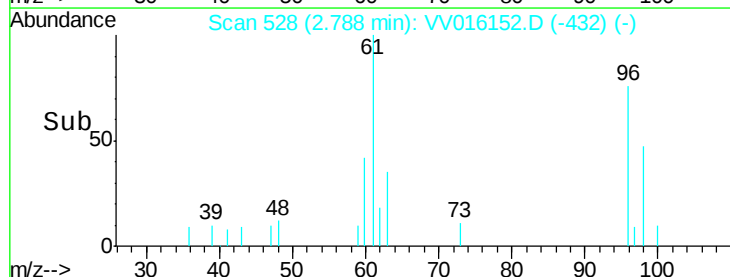
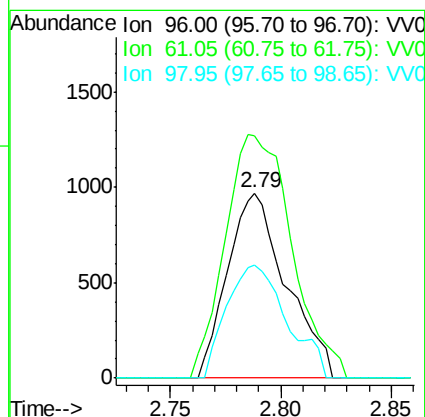
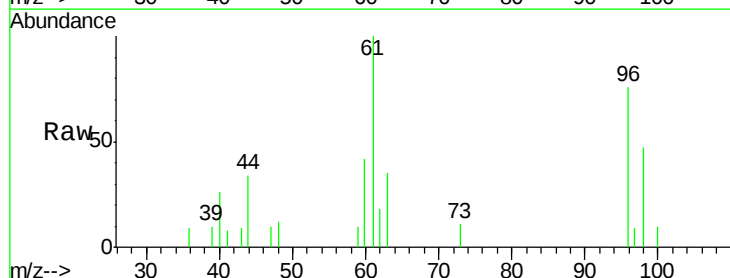
Tgt Ion: 96 Resp: 1788

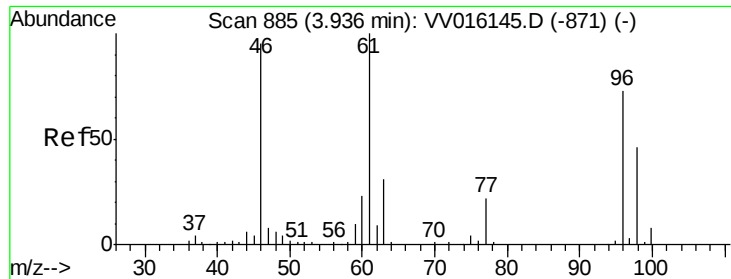
Ion Ratio Lower Upper

96 100

61 131.4 105.3 195.5

98 61.1 44.0 81.6



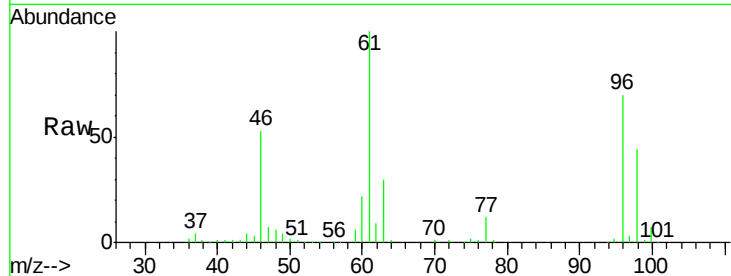


#22

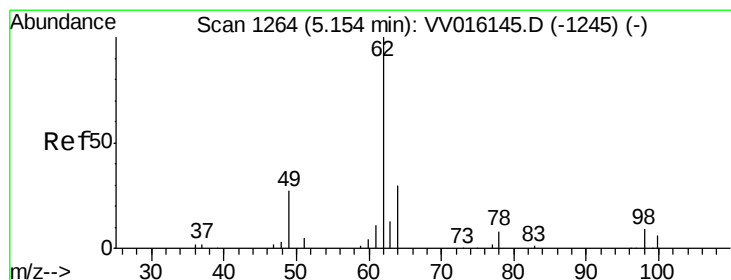
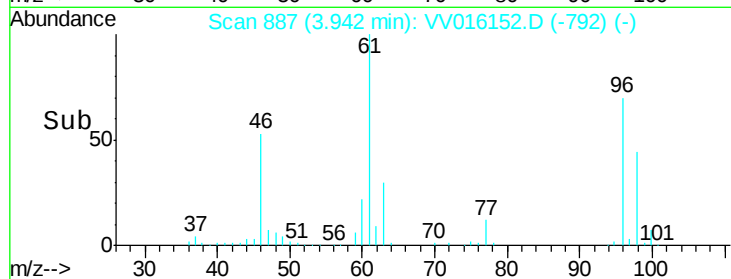
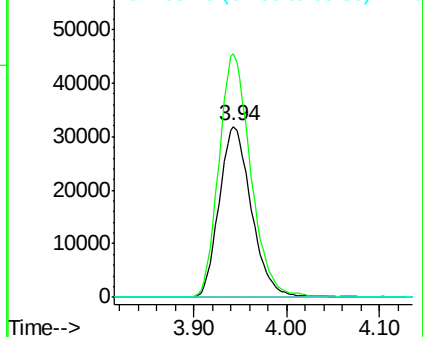
cis-1,2-Dichloroethene
Concen: 8.329 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.01 min
Lab File: VV016152.D
Acq: 21 May 2020 14:42

Instrument :
MSVOA_V
ClientSampled :
F9B00DL

Tot Ion: 96 Resp: 76765
Ion Ratio Lower Upper
96 100
61 142.2 97.2 180.6
68 0.0 0.0 0.0



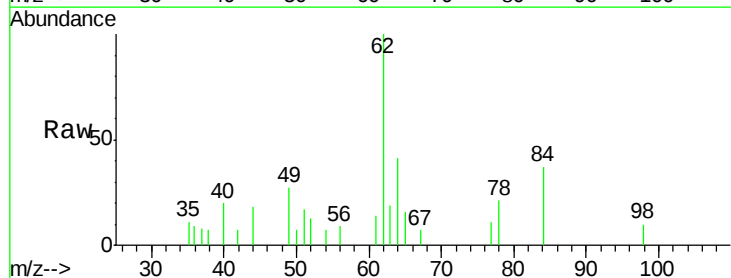
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



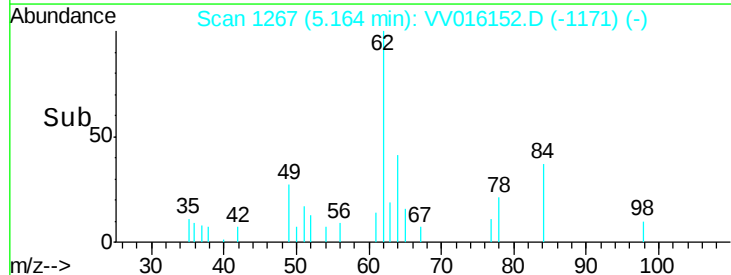
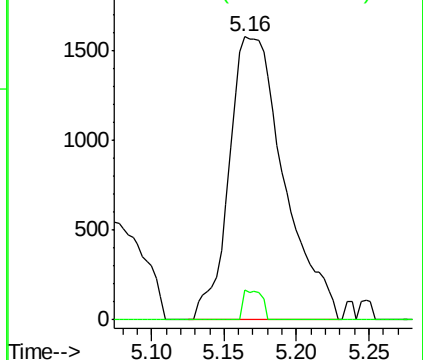
#27

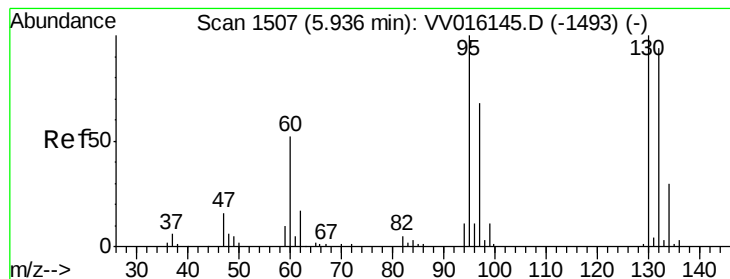
1,2-Dichloroethane
Concen: 0.363 ug/L
RT: 5.16 min Scan# 1267
Delta R.T. 0.01 min
Lab File: VV016152.D
Acq: 21 May 2020 14:42

Tgt Ion: 62 Resp: 4160
Ion Ratio Lower Upper
62 100
98 10.4 6.7 10.1#



Abundance Ion 62.00 (61.70 to 62.70): VV0
Ion 98.05 (97.75 to 98.75): VV0





#34

Trichloroethene

Concen: 1.605 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV016152.D

Acq: 21 May 2020 14:42

Instrument :

MSVOA_V

ClientSampleId :

F9B00DL

Tot Ion: 95 Resp: 16002

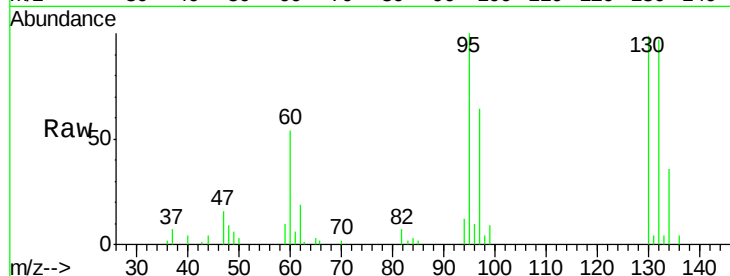
Ion Ratio Lower Upper

95 100

97 63.8 43.3 80.5

132 97.2 60.3 112.1

130 99.2 66.0 122.6

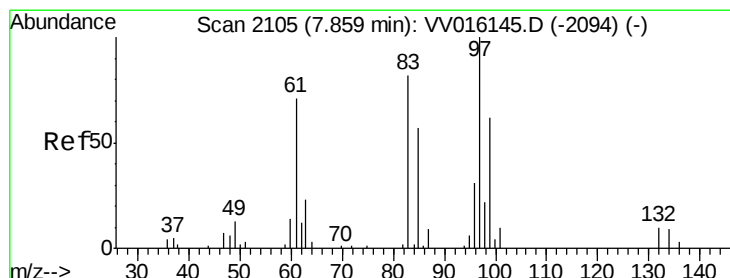
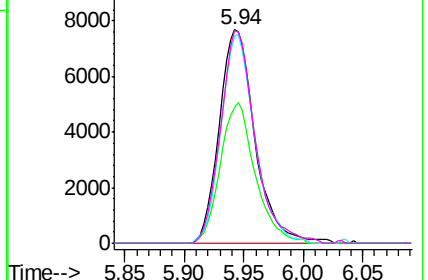
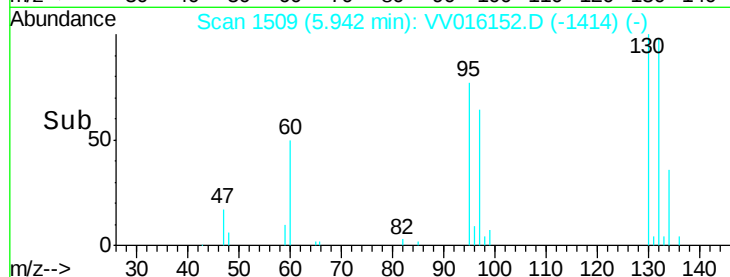


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



#47

1,1,2-Trichloroethane

Concen: 0.191 ug/L

RT: 7.87 min Scan# 2109

Delta R.T. 0.01 min

Lab File: VV016152.D

Acq: 21 May 2020 14:42

Tgt Ion: 97 Resp: 1129

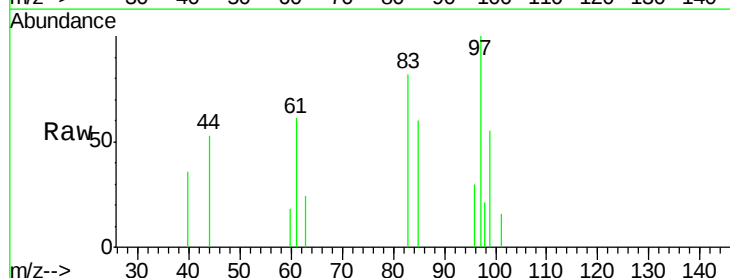
Ion Ratio Lower Upper

97 100

99 54.6 42.1 78.1

83 82.5 59.2 110.0

85 59.6 38.6 71.8

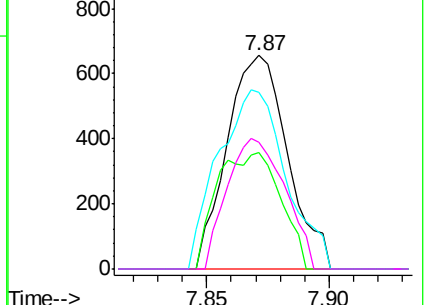
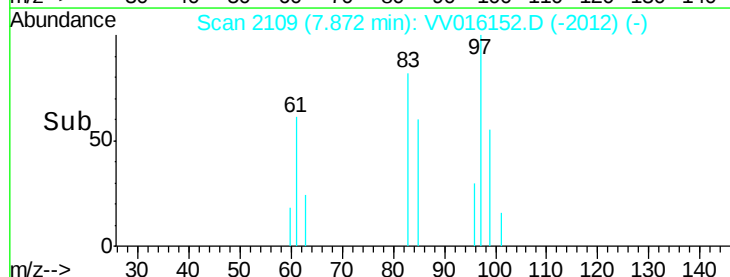


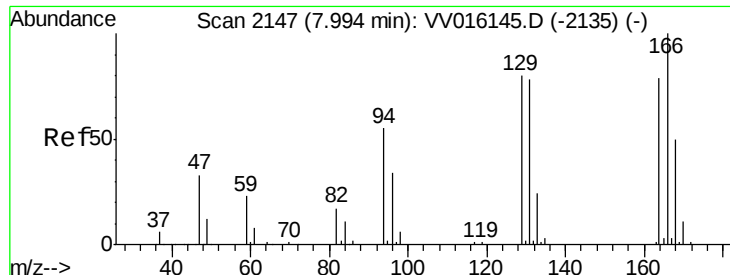
Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0





#49

Tetrachloroethene

Concen: 0.150 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.01 min

Lab File: VV016152.D

Acq: 21 May 2020 14:42

Instrument :

MSVOA_V

ClientSampleId :

F9B00DL

Tot Ion:164 Resp: 1044

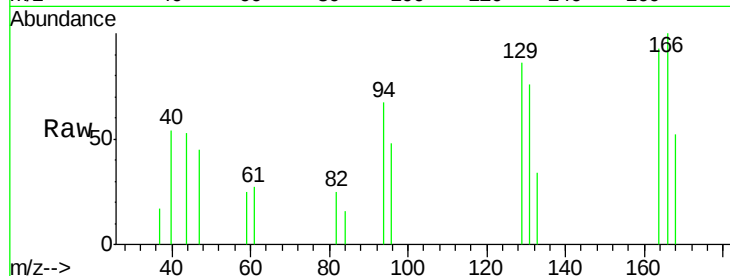
Ion Ratio Lower Upper

164 100

129 92.6 69.7 129.4

131 81.6 66.8 124.2

166 107.9 89.1 165.5

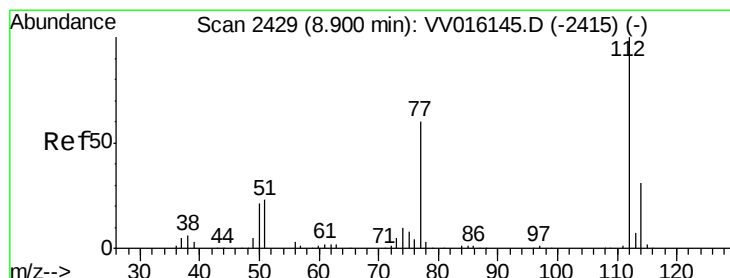
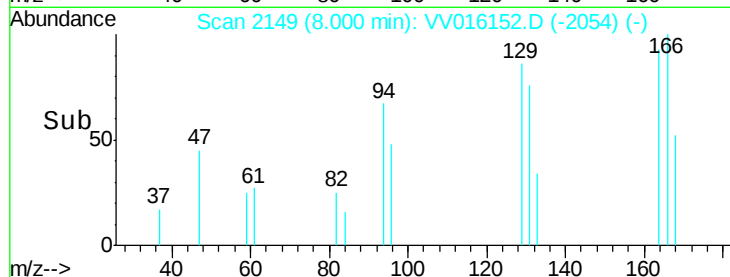
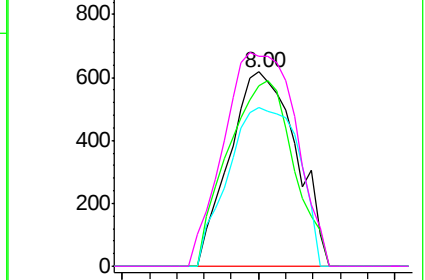


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#53

Chlorobenzene

Concen: 0.797 ug/L

RT: 8.91 min Scan# 2431

Delta R.T. 0.01 min

Lab File: VV016152.D

Acq: 21 May 2020 14:42

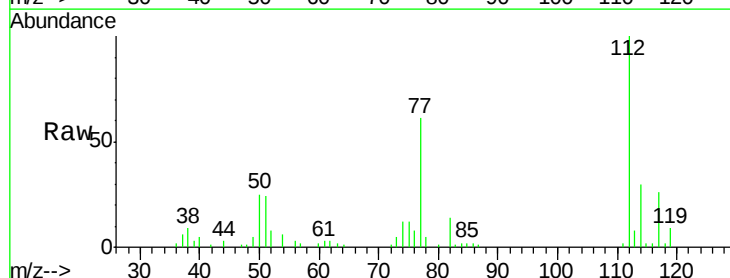
Tgt Ion:112 Resp: 18984

Ion Ratio Lower Upper

112 100

114 30.2 21.6 40.0

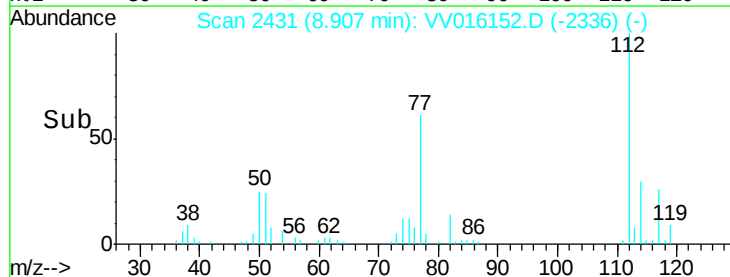
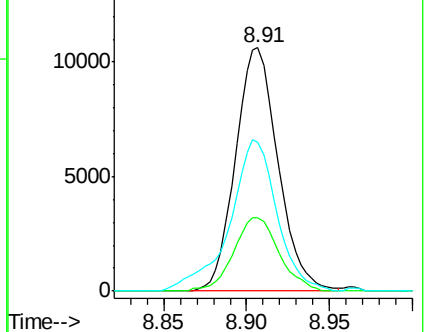
77 61.0 48.6 73.0

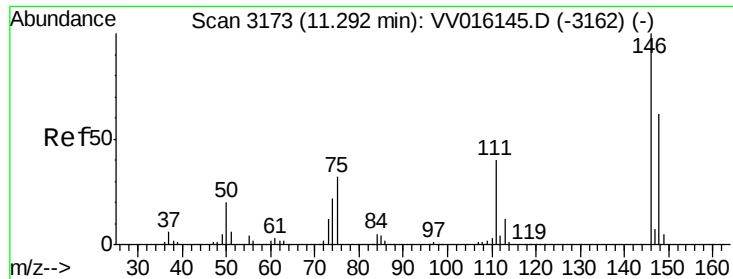


Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VV0





#64

1,4-Dichlorobenzene

Concen: 0.216 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

Lab File: VV016152.D

Acq: 21 May 2020 14:42

Instrument :

MSVOA_V

ClientSampled :

F9B00DL

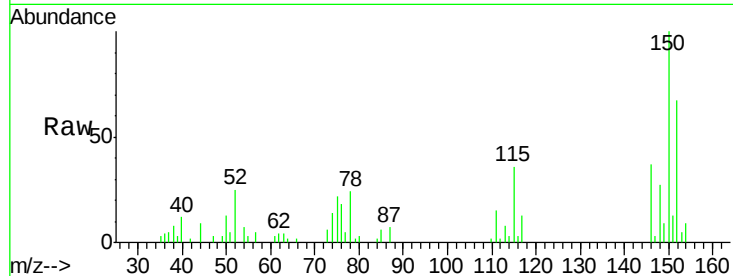
Tot Ion:146 Resp: 3876

Ion Ratio Lower Upper

146 100

111 40.6 28.9 53.7

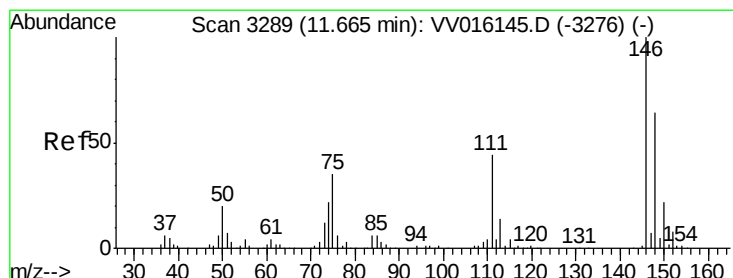
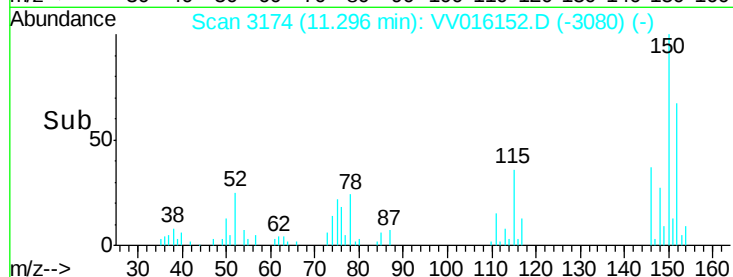
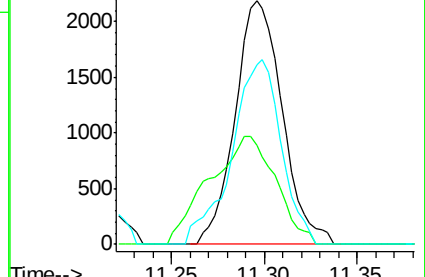
148 73.6 44.6 82.8



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dichlorobenzene

Concen: 0.873 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV016152.D

Acq: 21 May 2020 14:42

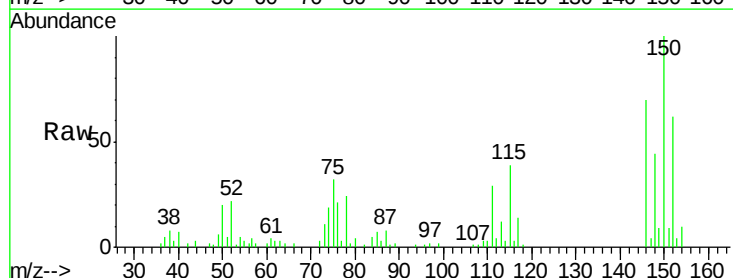
Tgt Ion:146 Resp: 14086

Ion Ratio Lower Upper

146 100

111 40.9 37.0 55.4

148 63.0 49.8 74.6



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

