

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100920\
 Data File : VV018781.D
 Acq On : 08 Oct 2020 23:50
 Operator : SY/MD
 Sample : L4239-07DL 200X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3N8DL

Quant Time: Oct 09 07:46:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 09 07:31:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	307048	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	299404	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	155978	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	136049	48.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.52%
7) Chloroethane-d5	1.58	69	116825	52.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.04%
11) 1,1-Dichloroethene-d2	2.12	63	208438	38.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.50%
21) 2-Butanone-d5	3.90	46	184531	107.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.72%
24) Chloroform-d	4.37	84	231428	47.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.04%
26) 1,2-Dichloroethane-d4	5.05	65	168263	50.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.86%
32) Benzene-d6	5.07	84	469939	48.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.54%
36) 1,2-Dichloropropane-d6	6.09	67	150506	47.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.80%
41) Toluene-d8	7.34	98	448200	52.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.80%
43) trans-1,3-Dichloropropene-	7.64	79	78590	51.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.34%
47) 2-Hexanone-d5	8.11	63	111617	101.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.36%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	162191	44.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.76%
64) 1,2-Dichlorobenzene-d4	11.65	152	171079	49.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.12%

Target Compounds

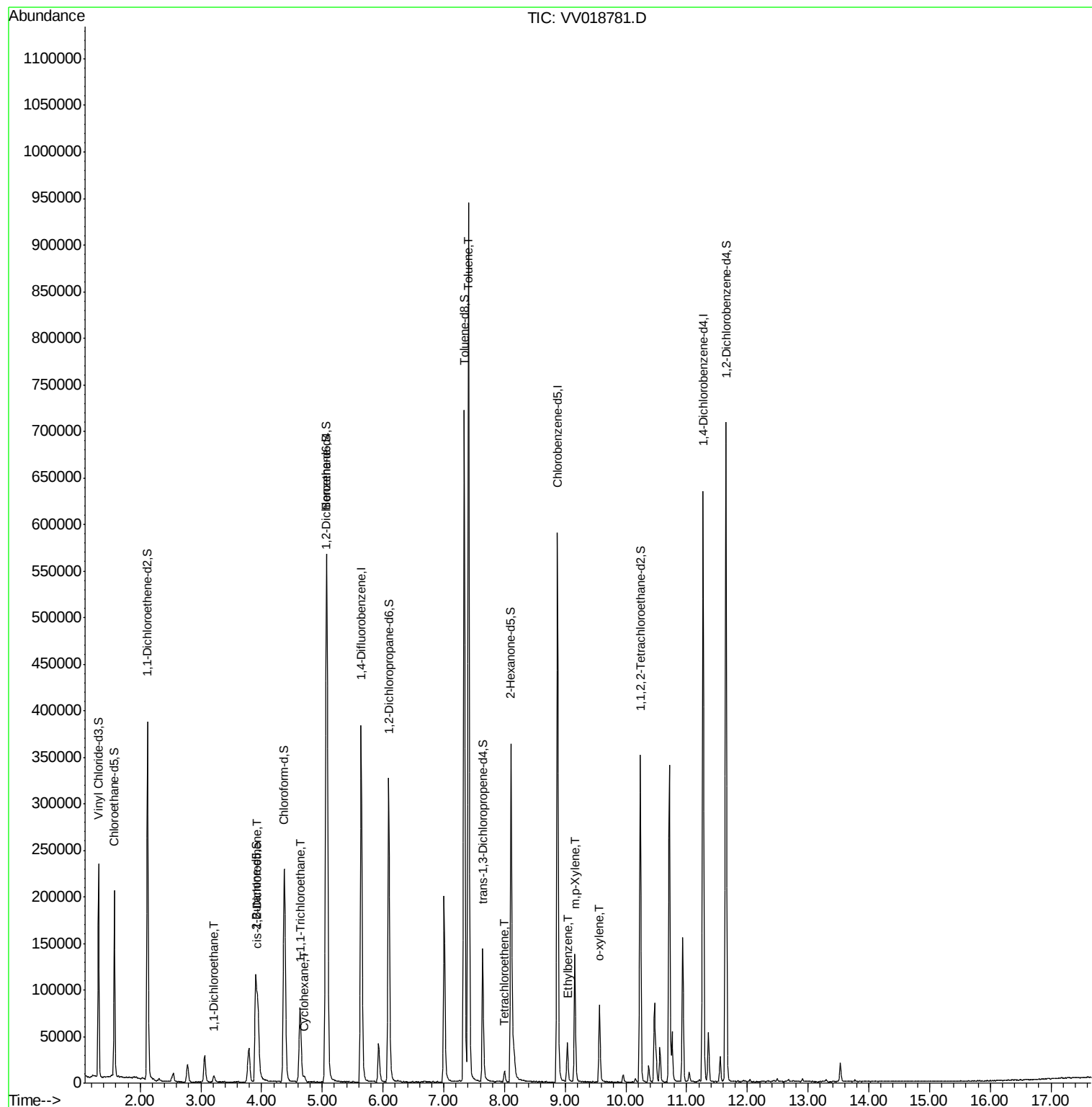
					Ovalue
19) 1,1-Dichloroethane	3.21	63	6645	1.509 ug/L	97
20) cis-1,2-Dichloroethene	3.94	96	34207	14.429 ug/L	99
29) Cyclohexane	4.70	56	2973	0.820 ug/L #	69
30) 1,1,1-Trichloroethane	4.64	97	63966	16.030 ug/L	99
42) Toluene	7.41	91	634833	65.067 ug/L	98
46) Tetrachloroethene	8.00	164	2762	1.379 ug/L	95
52) Ethylbenzene	9.04	91	28224	2.547 ug/L	100
53) m,p-Xylene	9.16	106	36913	9.076 ug/L	100
54) o-xylene	9.57	106	20361	5.271 ug/L	94

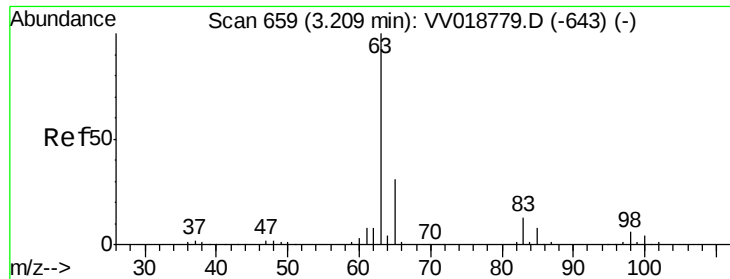
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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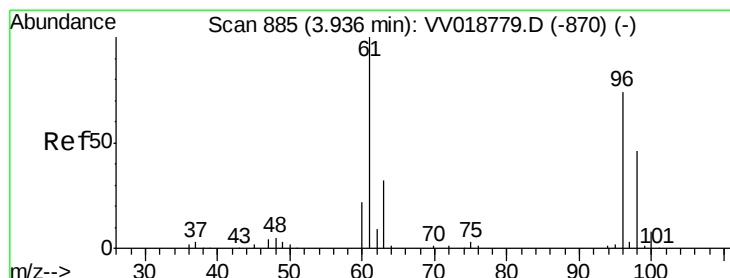
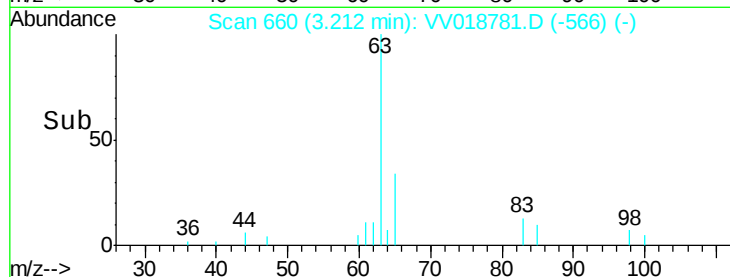
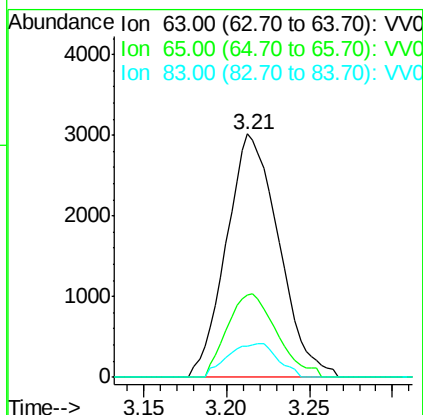
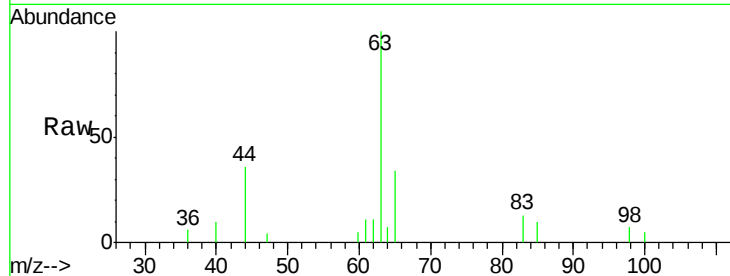




#19
 1,1-Dichloroethane
 Concen: 1.509 ug/L
 RT: 3.21 min Scan# 660
 Delta R.T. 0.00 min
 Lab File: VV018781.D
 Acq: 08 Oct 2020 23:50

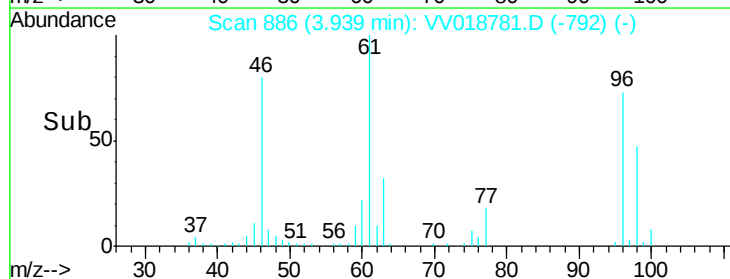
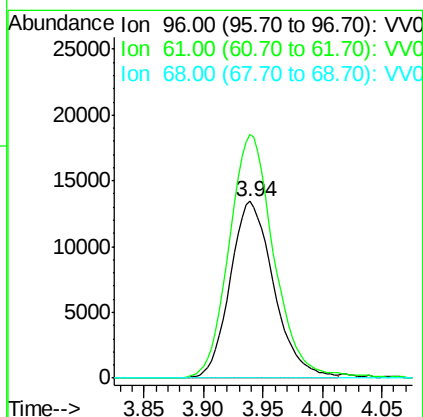
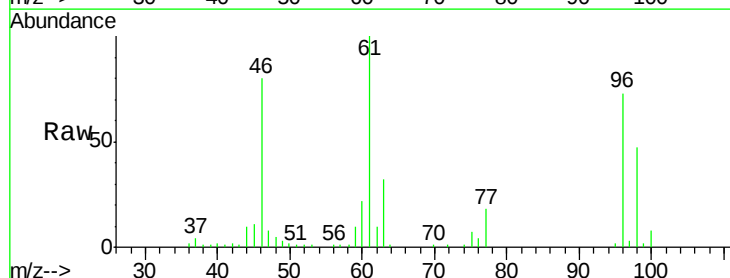
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3N8DL

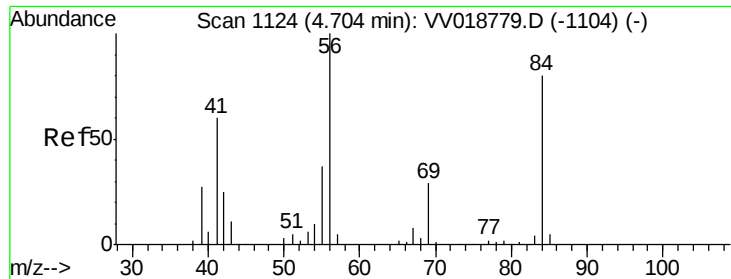
Tot Ion: 63 Resp: 6645
 Ion Ratio Lower Upper
 63 100
 65 33.7 22.0 40.8
 83 12.7 9.2 17.0



#20
 cis-1,2-Dichloroethene
 Concen: 14.429 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV018781.D
 Acq: 08 Oct 2020 23:50

Tgt Ion: 96 Resp: 34207
 Ion Ratio Lower Upper
 96 100
 61 137.8 97.3 180.7
 68 0.0 0.0 0.0

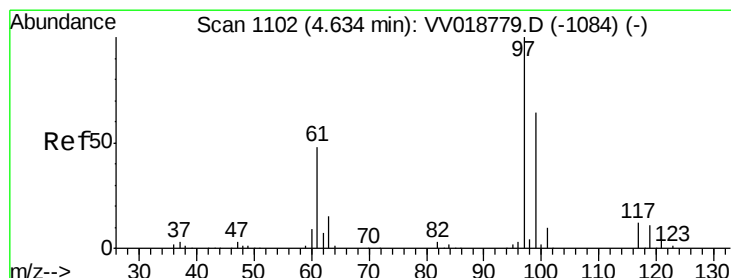
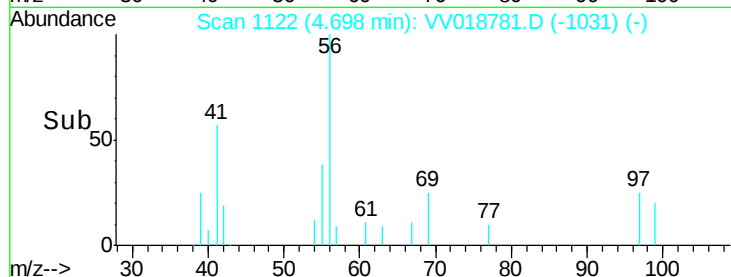
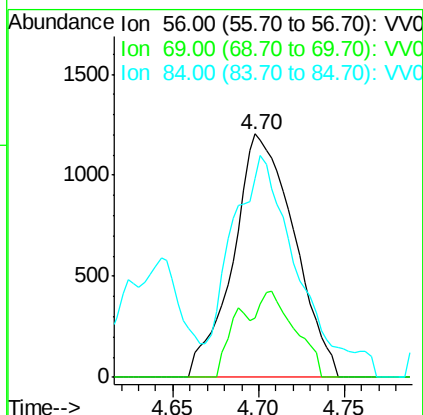
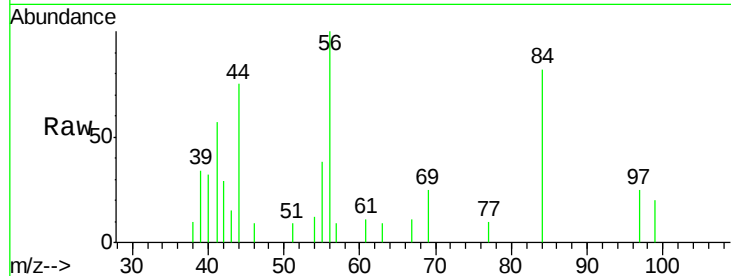




#29
Cvclohexane
Concen: 0.820 ug/L
RT: 4.70 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VV018781.D
Acq: 08 Oct 2020 23:50

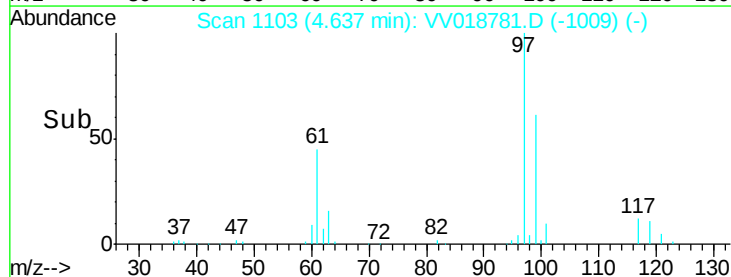
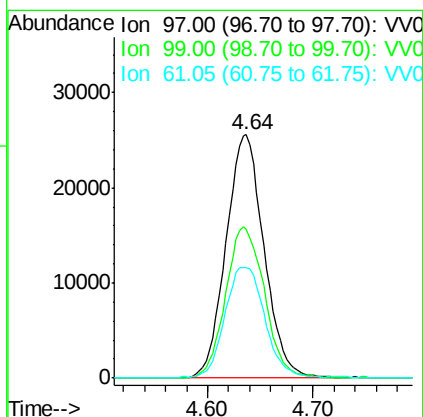
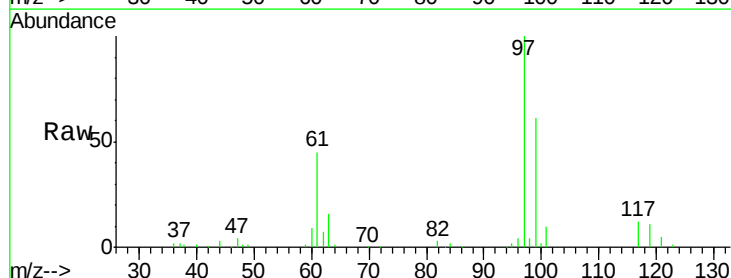
Instrument :
MSVOA_V
ClientSampleId :
BG3N8DL

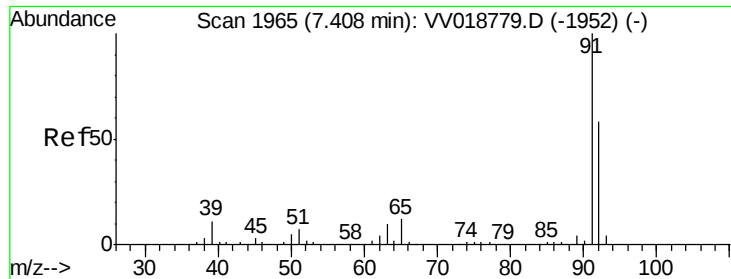
Tot Ion: 56 Resp: 2973
Ion Ratio Lower Upper
56 100
69 22.1 23.1 34.7#
84 47.9 65.2 97.8#



#30
1,1,1-Trichloroethane
Concen: 16.030 ug/L
RT: 4.64 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VV018781.D
Acq: 08 Oct 2020 23:50

Tgt Ion: 97 Resp: 63966
Ion Ratio Lower Upper
97 100
99 63.4 51.0 76.4
61 47.7 37.0 55.4





#42

Toluene

Concen: 65.067 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VV018781.D

Acq: 08 Oct 2020 23:50

Instrument :

MSVOA_V

ClientSampleId :

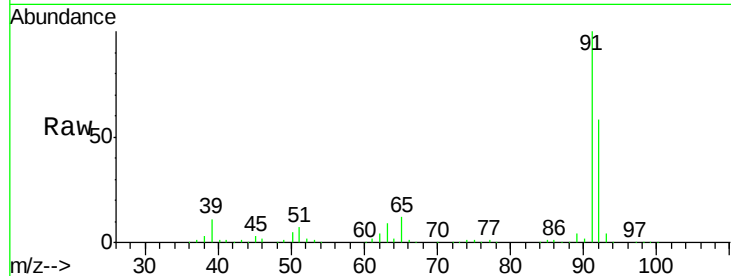
BG3N8DL

Tot Ion: 91 Resp: 634833

Ion Ratio Lower Upper

91 100

92 58.5 39.8 74.0



Abundance Ion 91.00 (90.70 to 91.70): VV018779.D (-1952) (-)

Ion 92.00 (91.70 to 92.70): VV018779.D (-1952) (-)

7.41

400000

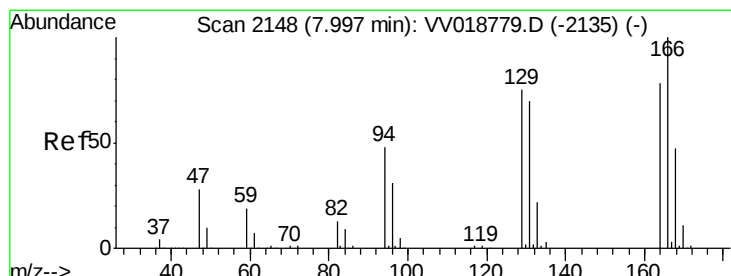
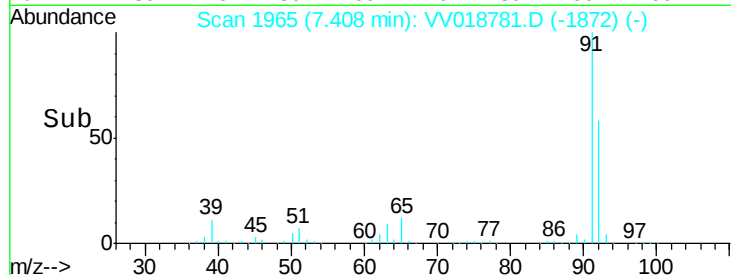
300000

200000

100000

0

Time-->



#46

Tetrachloroethene

Concen: 1.379 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV018781.D

Acq: 08 Oct 2020 23:50

Tgt Ion:164 Resp: 2762

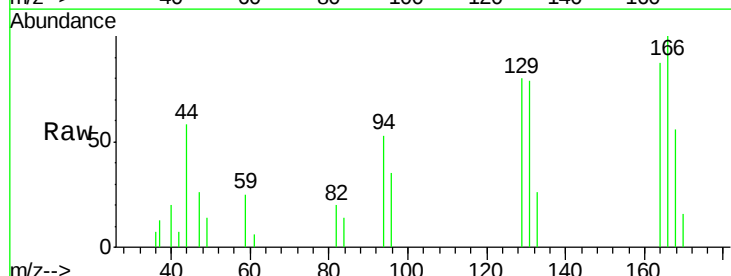
Ion Ratio Lower Upper

164 100

129 91.5 64.6 120.0

131 90.4 63.6 118.0

166 114.3 88.3 164.1



Abundance Ion 164.00 (163.70 to 164.70): VV018779.D (-2135) (-)

Ion 129.00 (128.70 to 129.70): VV018779.D (-2135) (-)

Ion 131.00 (130.70 to 131.70): VV018779.D (-2135) (-)

Ion 166.00 (165.70 to 166.70): VV018779.D (-2135) (-)

2500

2000

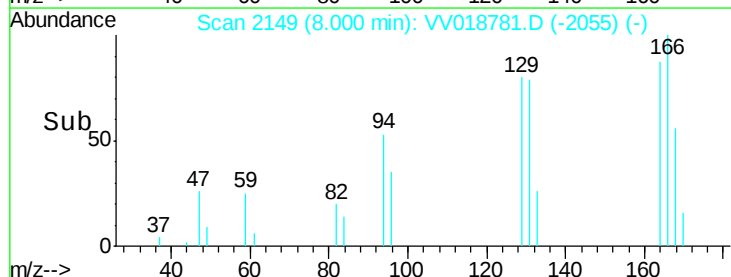
1500

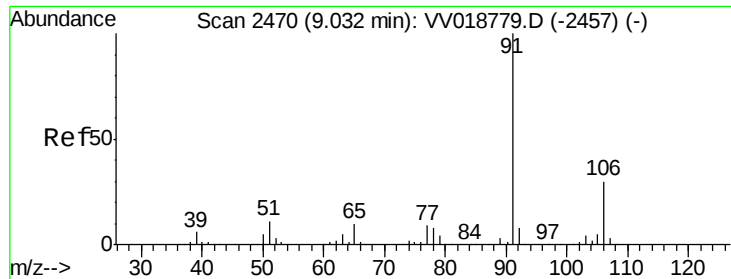
1000

500

0

Time-->





#52

Ethylbenzene

Concen: 2.547 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV018781.D

Acq: 08 Oct 2020 23:50

Instrument :

MSVOA_V

ClientSampleId :

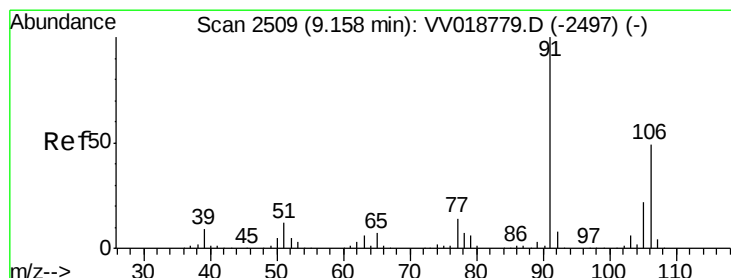
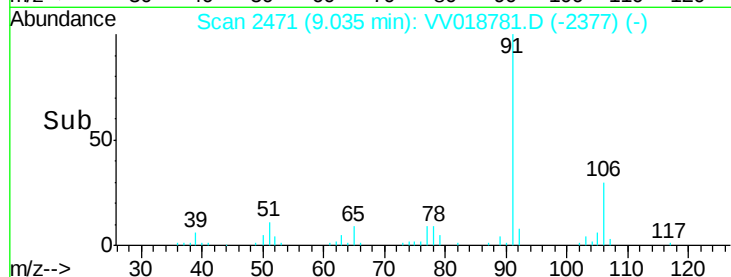
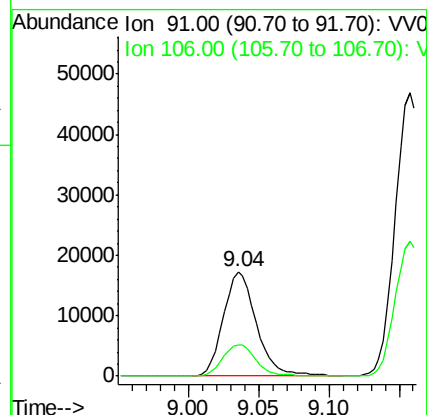
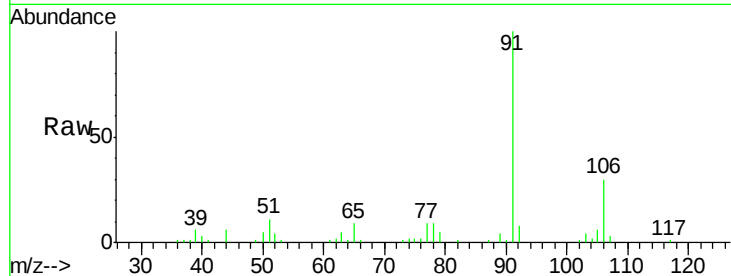
BG3N8DL

Tot Ion: 91 Resp: 28224

Ion Ratio Lower Upper

91 100

106 29.7 20.9 38.9



#53

m,p-Xylene

Concen: 9.076 ug/L

RT: 9.16 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VV018781.D

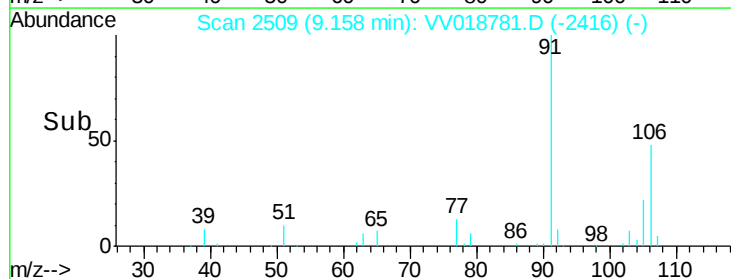
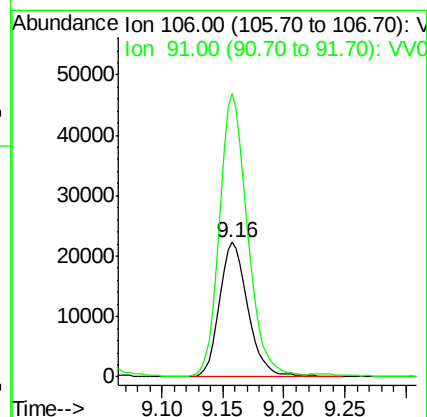
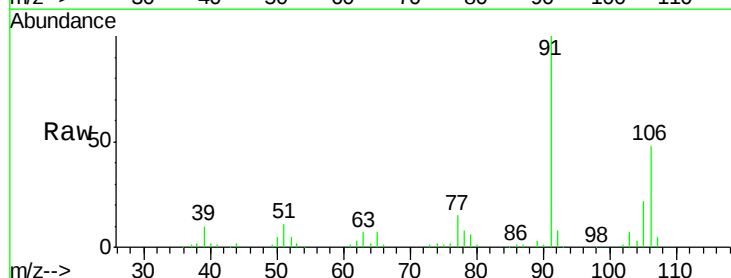
Acq: 08 Oct 2020 23:50

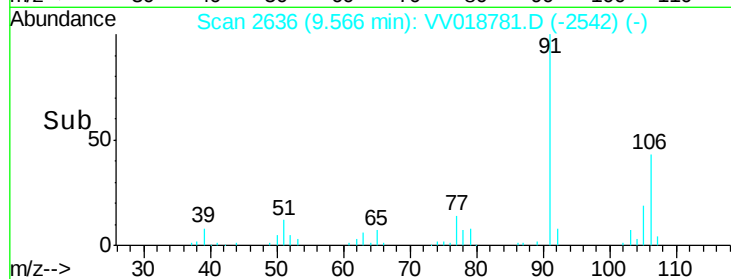
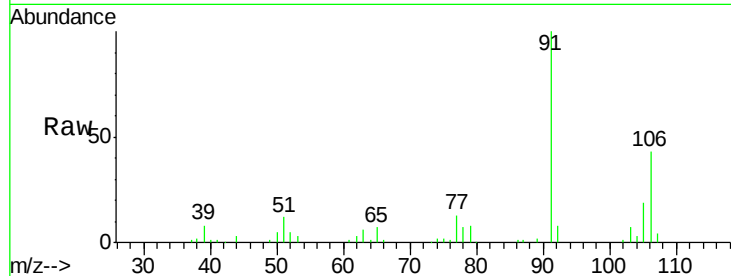
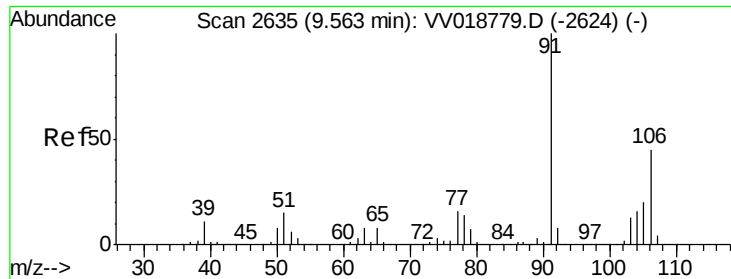
Tgt Ion: 106 Resp: 36913

Ion Ratio Lower Upper

106 100

91 210.1 147.1 273.1





#54
o-xylene
Concen: 5.271 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV018781.D
Acq: 08 Oct 2020 23:50

Instrument :
MSVOA_V
ClientSampleId :
BG3N8DL

Tot Ion:106 Resp: 20361
Ion Ratio Lower Upper
106 100
91 234.2 156.8 291.2

