

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092920\
 Data File : VV018519.D
 Acq On : 29 Sep 2020 16:19
 Operator : SY/MD
 Sample : L4109-04ME
 Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3W8ME

Quant Time: Sep 30 02:50:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 30 01:47:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	372089	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	367150	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.28	152	197537	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	94257	43.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.38%
7) Chloroethane-d5	1.58	69	71459	39.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.20%
11) 1,1-Dichloroethene-d2	2.10	63	143067	32.18	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.36%
21) 2-Butanone-d5	3.93	46	123707	76.00	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.00%
24) Chloroform-d	4.37	84	205336	43.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.02%
26) 1,2-Dichloroethane-d4	5.06	65	140522	46.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.82%
32) Benzene-d6	5.07	84	422086	45.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.78%
36) 1,2-Dichloropropane-d6	6.09	67	131004	46.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.24%
41) Toluene-d8	7.34	98	396384	45.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.62%
43) trans-1,3-Dichloropropene-	7.64	79	65891	43.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.82%
47) 2-Hexanone-d5	8.14	63	100730	94.38	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.38%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	166032	44.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.14%
64) 1,2-Dichlorobenzene-d4	11.65	152	180284	47.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.92%

Target Compounds

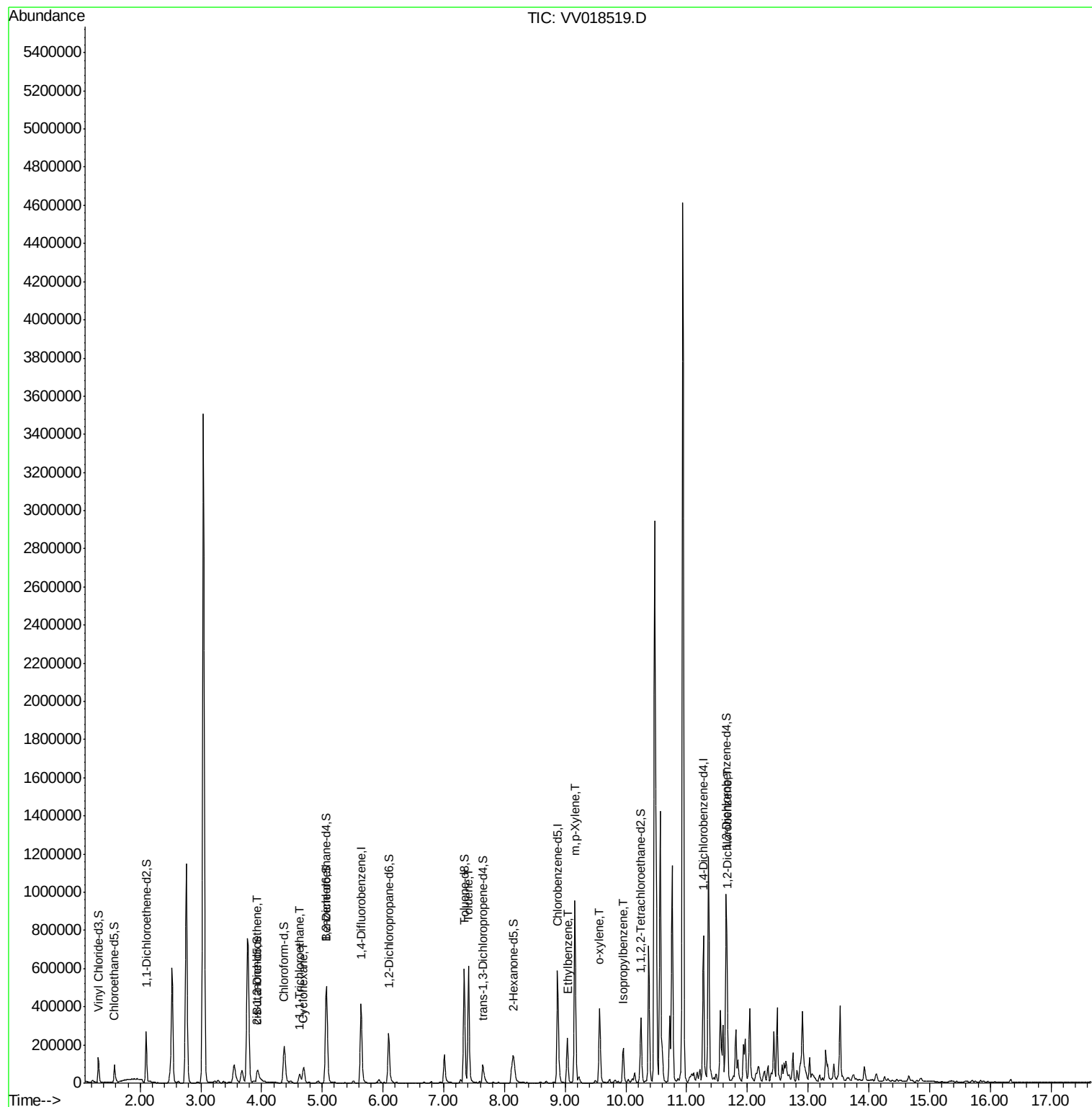
					Ovalue
20) cis-1,2-Dichloroethene	3.93	96	11274	3.991 ug/L	95
29) Cyclohexane	4.69	56	44036	10.516 ug/L	96
30) 1,1,1-Trichloroethane	4.63	97	37609	8.251 ug/L	97
42) Toluene	7.41	91	451131	38.662 ug/L	98
52) Ethylbenzene	9.04	91	169705	13.023 ug/L	100
53) m,p-Xylene	9.16	106	292632	58.107 ug/L	97
54) o-xylene	9.57	106	110554	23.187 ug/L	98
56) Isopropylbenzene	9.96	105	124057	9.702 ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	7138	1.129 ug/L #	91

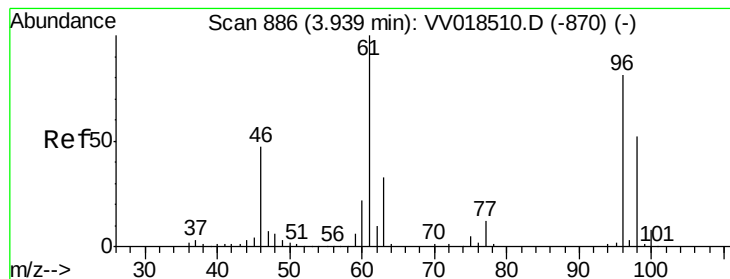
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092920\
Data File : VV018519.D
Acq On : 29 Sep 2020 16:19
Operator : SY/MD
Sample : L4109-04ME
Misc : 5.83q/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3W8ME

Quant Time: Sep 30 02:50:12 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 30 01:47:57 2020
Response via : Initial Calibration





#20

cis-1,2-Dichloroethene

Concen: 3.991 ug/L

RT: 3.93 min Scan# 884

Delta R.T. -0.01 min

Lab File: VV018519.D

Acq: 29 Sep 2020 16:19

Instrument :

MSVOA_V

ClientSampleId :

BG3W8ME

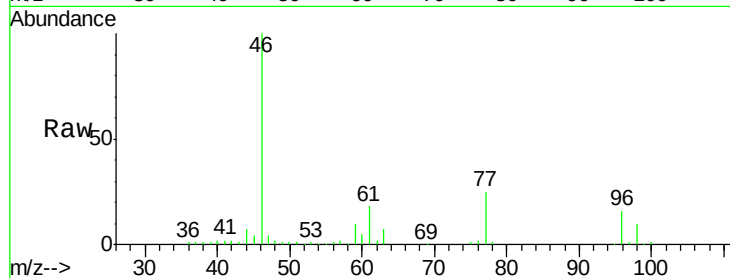
Tot Ion: 96 Resp: 11274

Ion Ratio Lower Upper

96 100

61 118.7 86.8 161.2

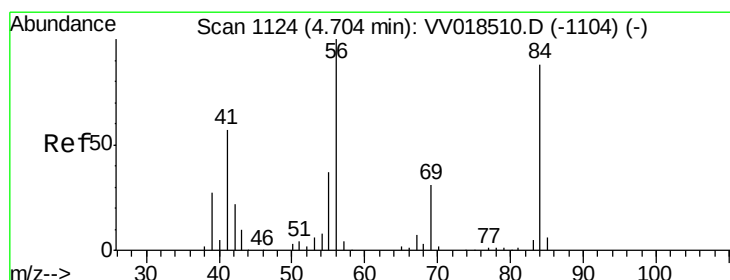
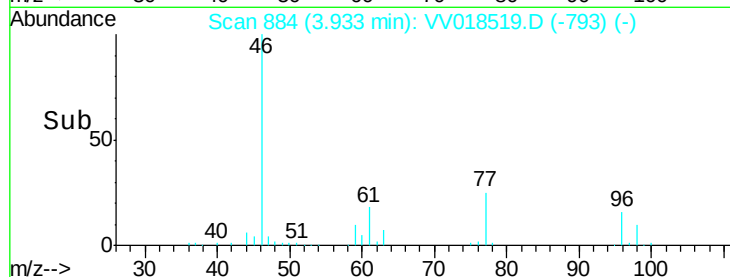
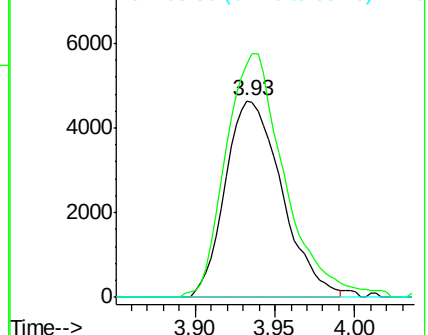
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0



#29

Cyclohexane

Concen: 10.516 ug/L

RT: 4.69 min Scan# 1121

Delta R.T. -0.01 min

Lab File: VV018519.D

Acq: 29 Sep 2020 16:19

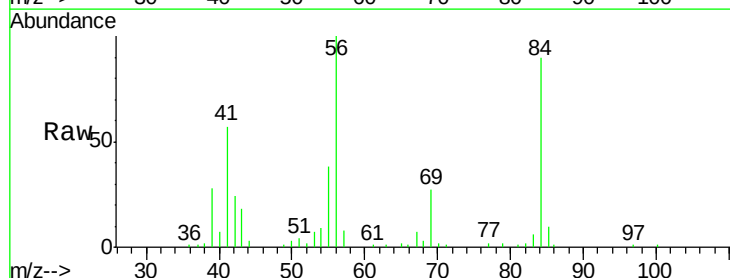
Tgt Ion: 56 Resp: 44036

Ion Ratio Lower Upper

56 100

69 29.2 24.8 37.2

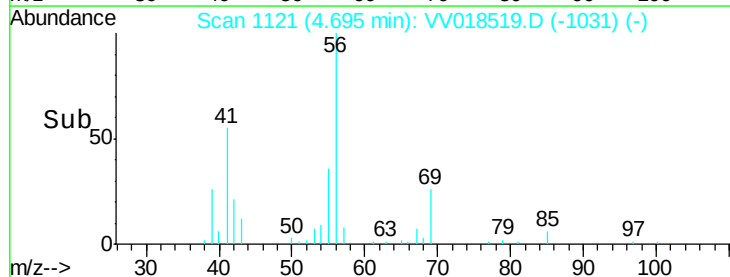
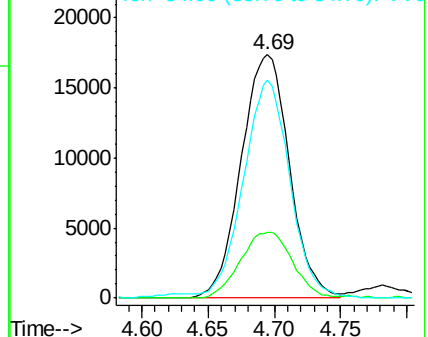
84 86.4 72.2 108.4

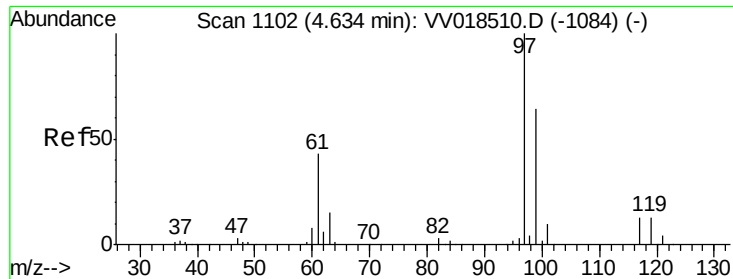


Abundance Ion 56.00 (55.70 to 56.70): VV0

Ion 69.00 (68.70 to 69.70): VV0

Ion 84.00 (83.70 to 84.70): VV0

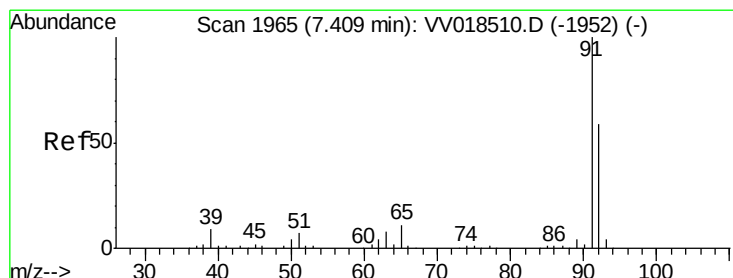
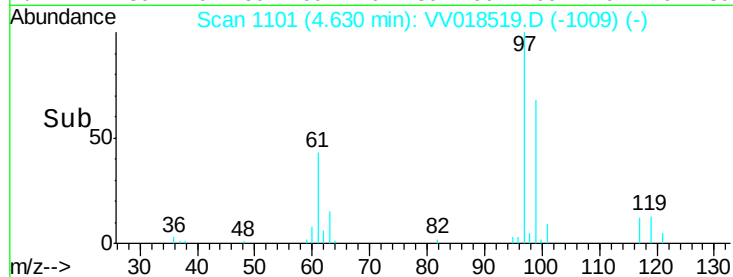
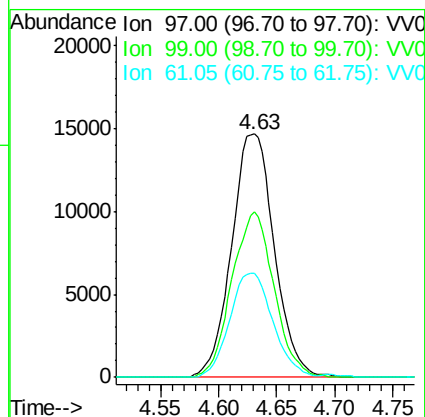
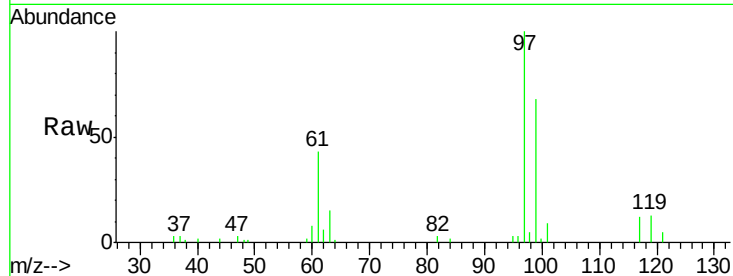




#30
 1,1,1-Trichloroethane
 Concen: 8.251 ug/L
 RT: 4.63 min Scan# 1101
 Delta R.T. -0.00 min
 Lab File: VV018519.D
 Acq: 29 Sep 2020 16:19

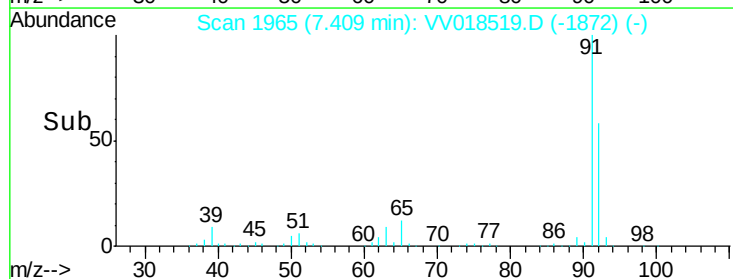
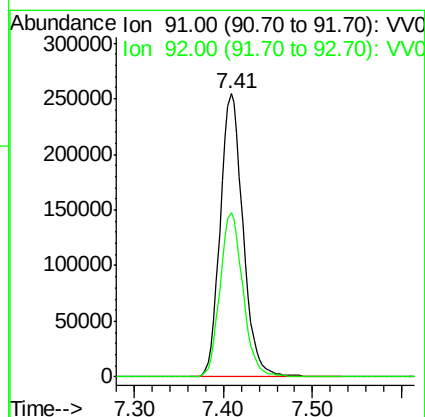
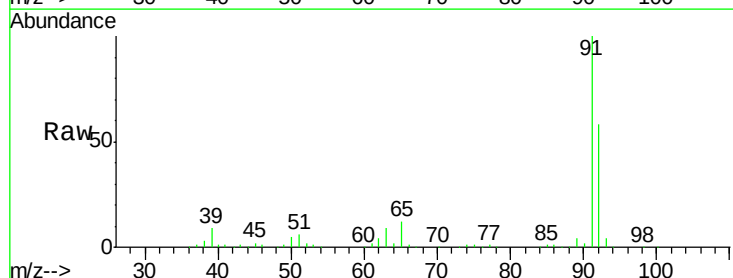
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3W8ME

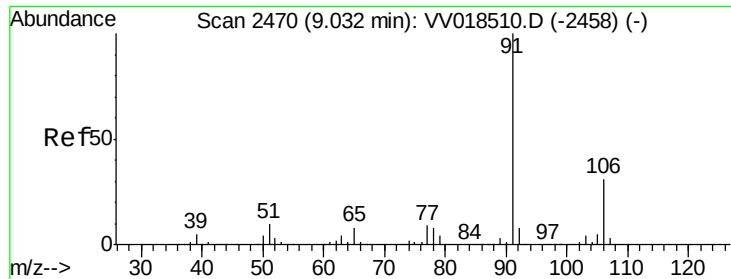
Tot Ion: 97 Resp: 37609
 Ion Ratio Lower Upper
 97 100
 99 66.9 51.4 77.0
 61 43.1 33.9 50.9



#42
 Toluene
 Concen: 38.662 ug/L
 RT: 7.41 min Scan# 1965
 Delta R.T. -0.00 min
 Lab File: VV018519.D
 Acq: 29 Sep 2020 16:19

Tgt Ion: 91 Resp: 451131
 Ion Ratio Lower Upper
 91 100
 92 58.1 41.6 77.3





#52

Ethylbenzene

Concen: 13.023 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV018519.D

Acq: 29 Sep 2020 16:19

Instrument :

MSVOA_V

ClientSampleId :

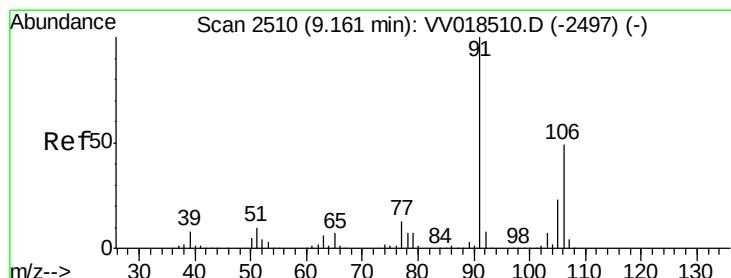
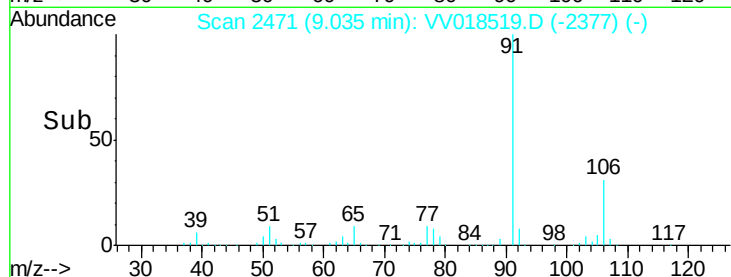
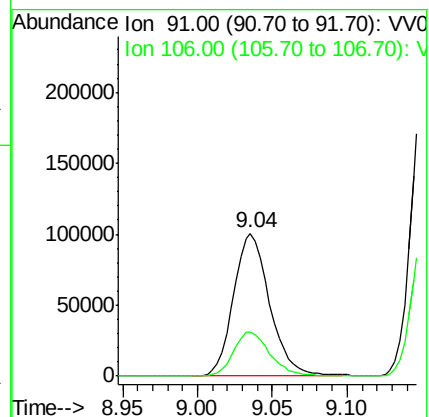
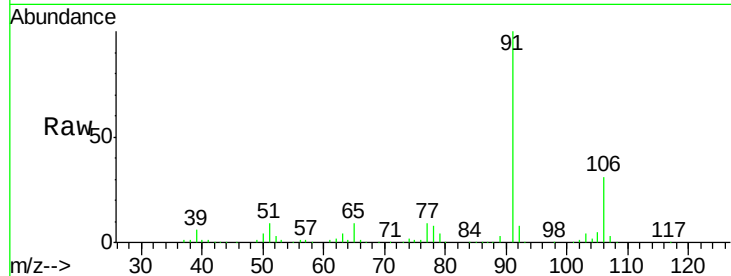
BG3W8ME

Tot Ion: 91 Resp: 169705

Ion Ratio Lower Upper

91 100

106 31.2 21.9 40.7



#53

m,p-Xylene

Concen: 58.107 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. -0.00 min

Lab File: VV018519.D

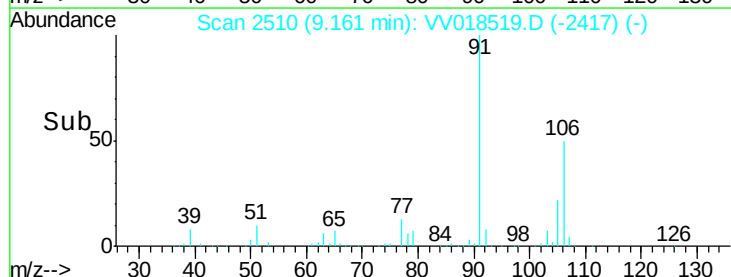
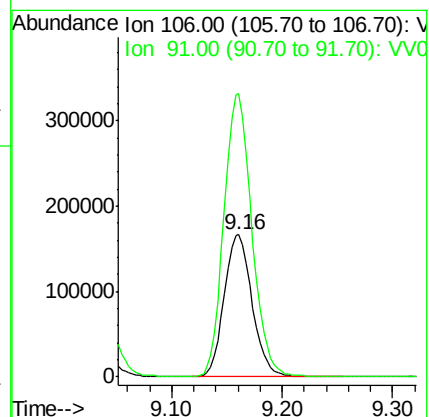
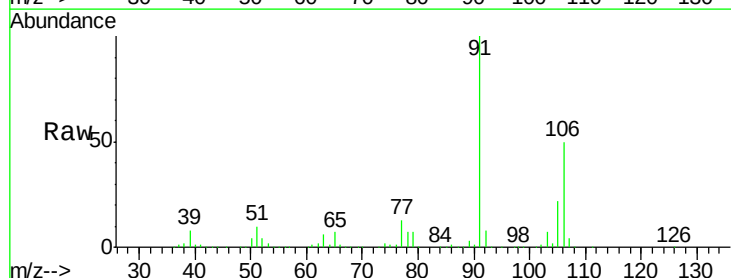
Acq: 29 Sep 2020 16:19

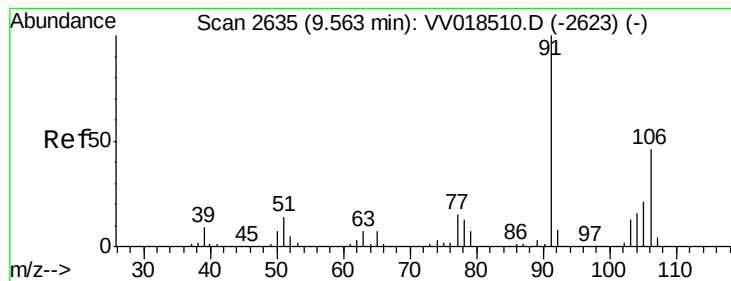
Tgt Ion: 106 Resp: 292632

Ion Ratio Lower Upper

106 100

91 198.6 142.3 264.3





#54

o-xylene

Concen: 23.187 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV018519.D

Acq: 29 Sep 2020 16:19

Instrument :

MSVOA_V

ClientSampleId :

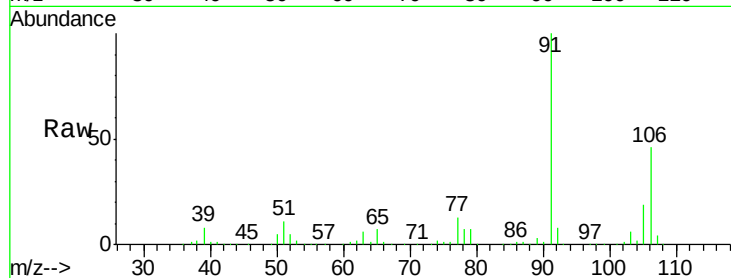
BG3W8ME

Tot Ion:106 Resp: 110554

Ion Ratio Lower Upper

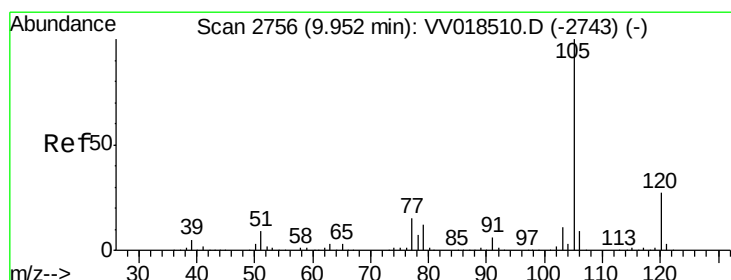
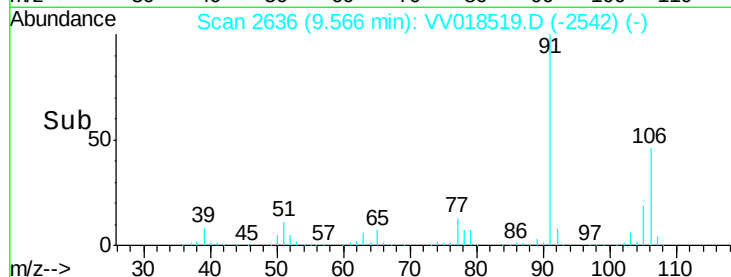
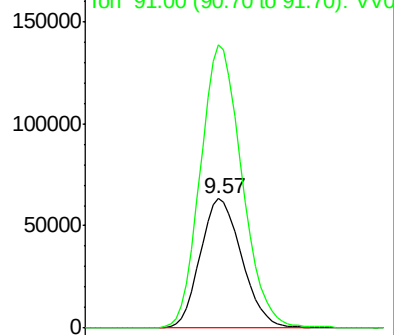
106 100

91 218.9 151.0 280.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#56

Isopropylbenzene

Concen: 9.702 ug/L

RT: 9.96 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VV018519.D

Acq: 29 Sep 2020 16:19

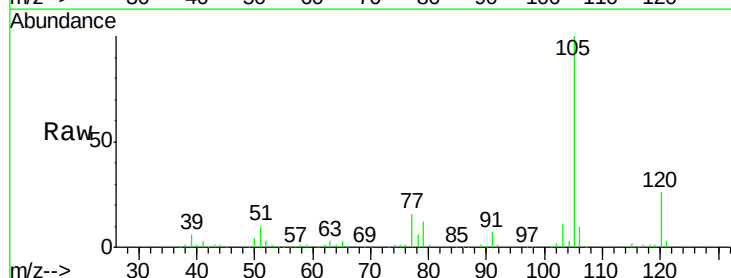
Tgt Ion:105 Resp: 124057

Ion Ratio Lower Upper

105 100

120 26.1 21.5 32.3

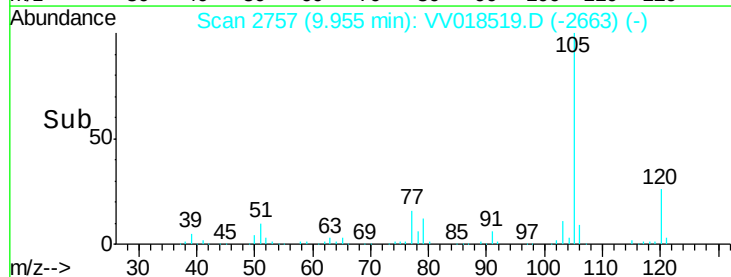
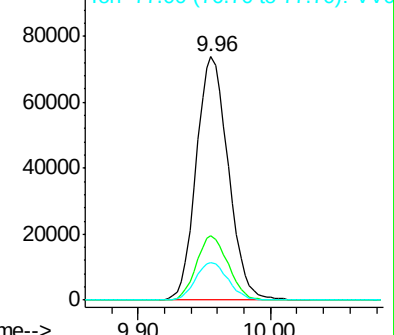
77 15.7 12.2 18.2

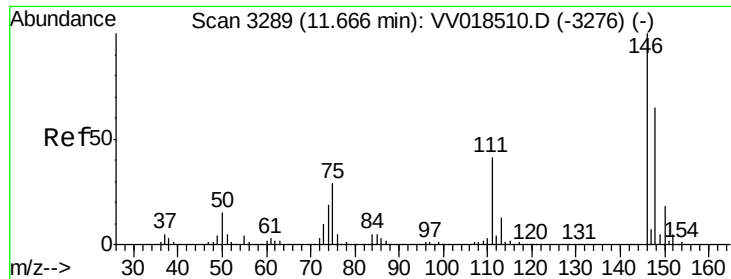


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VV0





#65
 1,2-Dichlorobenzene
 Concen: 1.129 ug/L
 RT: 11.67 min Scan# 3291
 Delta R.T. 0.01 min
 Lab File: VV018519.D
 Acq: 29 Sep 2020 16:19

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3W8ME

Tot Ion:146 Resp: 7138
 Ion Ratio Lower Upper
 146 100
 111 52.0 32.8 49.2#
 148 67.2 51.9 77.9

