

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092920\
 Data File : VV018520.D
 Acq On : 29 Sep 2020 16:43
 Operator : SY/MD
 Sample : L4109-12ME
 Misc : 6.17µ/5.0mL/100µL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3X2ME

Manual Integrations
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MMDadoda
 10/2/2020 11:57:36 AM

Quant Time: Sep 30 03:08:30 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	375165	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	370349	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	200442	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	93567	42.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.06%
7) Chloroethane-d5	1.58	69	72109	39.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.28%
11) 1,1-Dichloroethene-d2	2.10	63	138894	30.98	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.96%
21) 2-Butanone-d5	3.94	46	113635	69.24	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	69.24%
24) Chloroform-d	4.37	84	204012	42.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.76%
26) 1,2-Dichloroethane-d4	5.05	65	141269	46.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.54%
32) Benzene-d6	5.07	84	423295	45.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.24%
36) 1,2-Dichloropropane-d6	6.09	67	130504	46.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.08%
41) Toluene-d8	7.34	98	406714	46.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.18%
43) trans-1,3-Dichloropropene-	7.65	79	68498	44.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.48%
47) 2-Hexanone-d5	8.14	63	106483	98.91	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.91%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	173627	46.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	180434	46.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.62%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
29) Cyclohexane	4.69	56	77579	18.367	ug/L	92
30) 1,1,1-Trichloroethane	4.63	97	7733	1.682	ug/L	97
35) Methylcyclohexane	6.15	83	5755m	1.351	ug/L	
42) Toluene	7.41	91	455502	38.699	ug/L	99
46) Tetrachloroethene	8.00	164	12400	4.839	ug/L	96
52) Ethylbenzene	9.04	91	241866	18.400	ug/L	99
53) m,p-Xylene	9.16	106	396675	78.087	ug/L	100
54) o-xylene	9.57	106	165509	34.413	ug/L	98
56) Isopropylbenzene	9.96	105	320903	24.879	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	11520	1.795	ug/L #	86
68) 1,2,4-trichlorobenzene	13.29	180	105617	25.259	ug/L	97
70) 1,2,3-Trichlorobenzene	13.77	180	28979	6.904	ug/L #	92

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

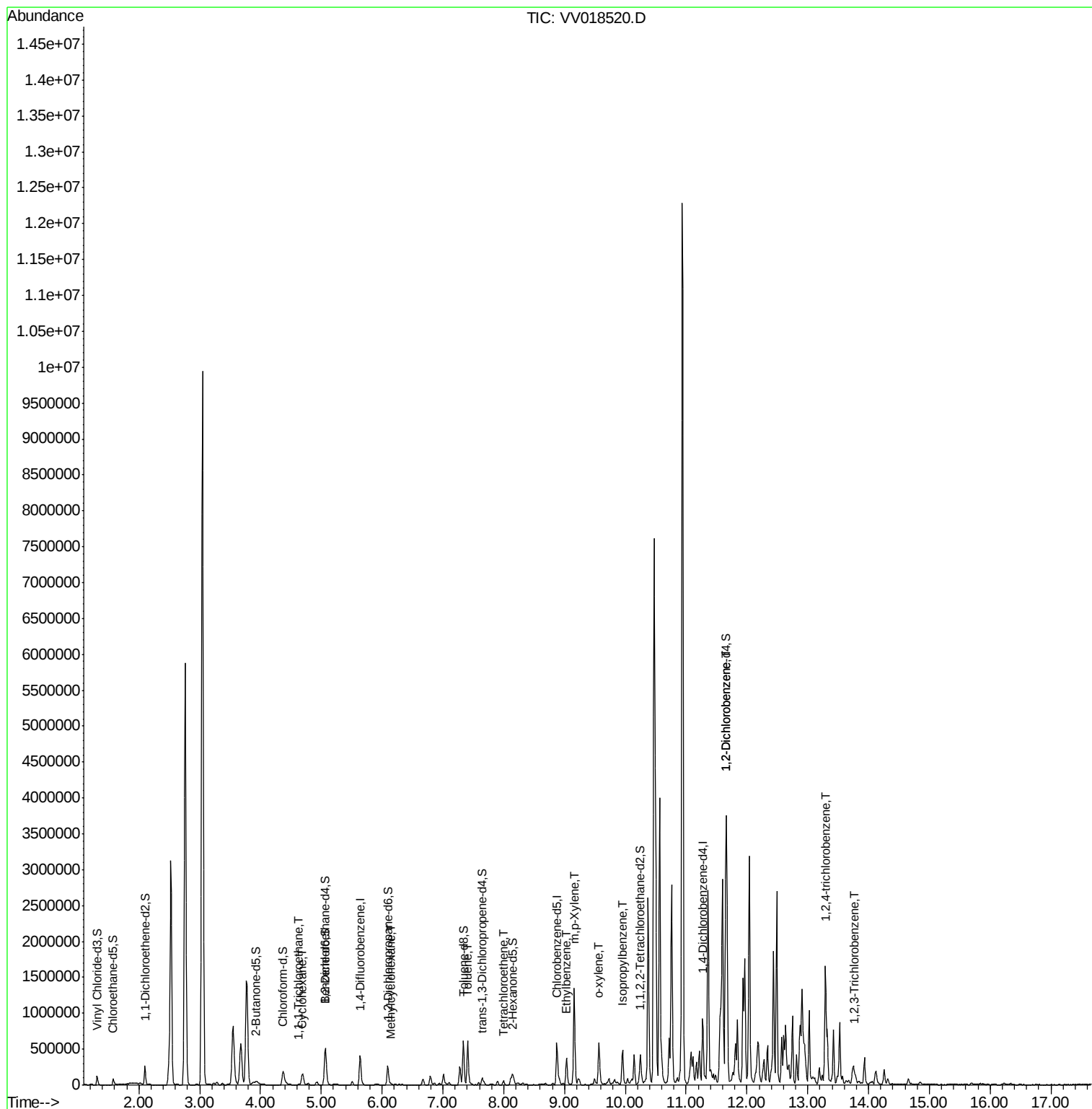
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092920\
Data File : VV018520.D
Acq On : 29 Sep 2020 16:43
Operator : SY/MD
Sample : L4109-12ME
Misc : 6.17g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 15 Sample Multiplier: 1

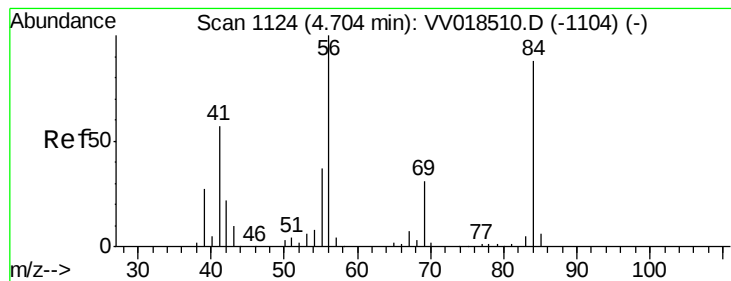
Instrument :
MSVOA_V
ClientSampleId :
BG3X2ME

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Quant Time: Sep 30 03:08:30 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





#29

Cvclohexane

Concen: 18.367 ug/L

RT: 4.69 min Scan# 1121

Delta R.T. -0.01 min

Lab File: VV018520.D

Acq: 29 Sep 2020 16:43

Instrument :

MSVOA_V

ClientSampleId :

BG3X2ME

Tot Ion: 56 Resp: 77579

Ion Ratio Lower Upper

56 100

69 29.3 24.8 37.2

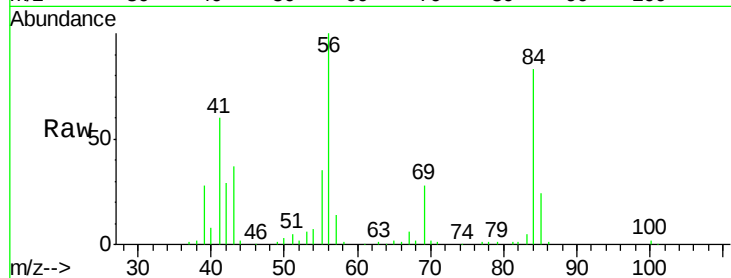
84 81.6 72.2 108.4

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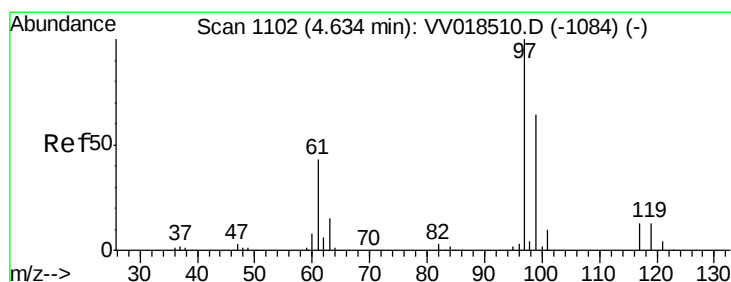
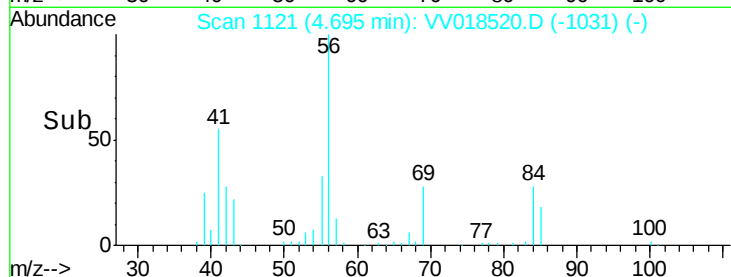
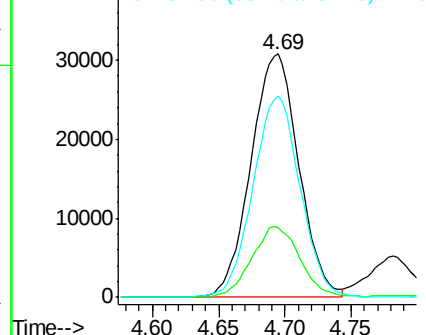


Abundance

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: 1.682 ug/L

RT: 4.63 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VV018520.D

Acq: 29 Sep 2020 16:43

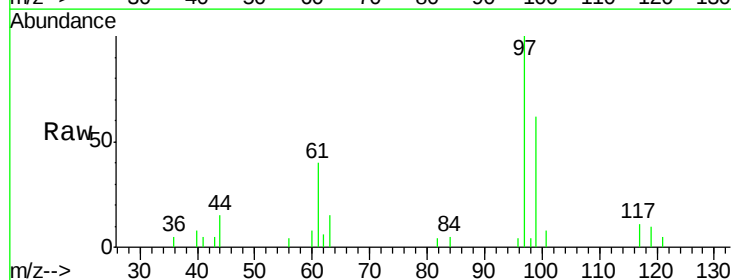
Tgt Ion: 97 Resp: 7733

Ion Ratio Lower Upper

97 100

99 66.6 51.4 77.0

61 44.6 33.9 50.9

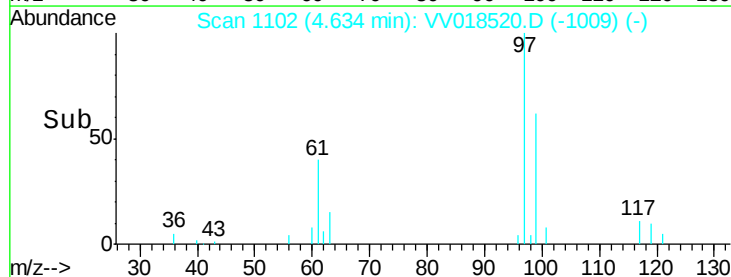
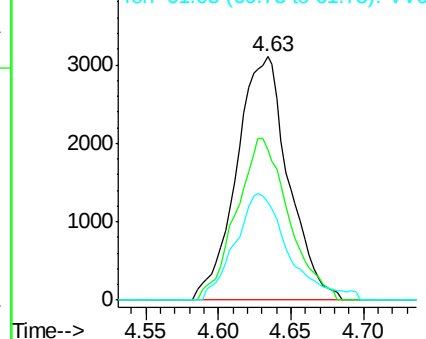


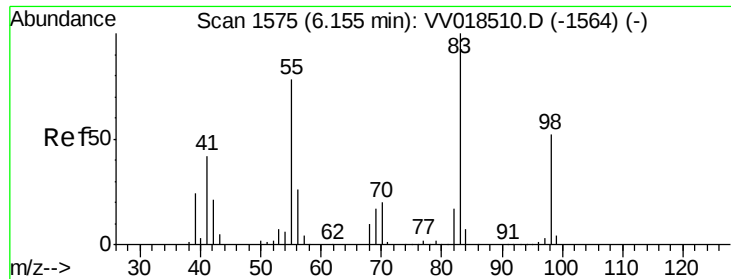
Abundance

Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 61.05 (60.75 to 61.75): VV0





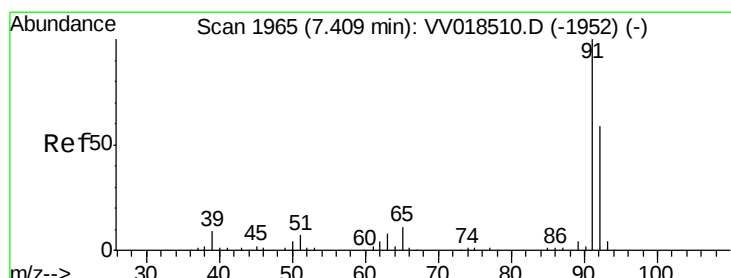
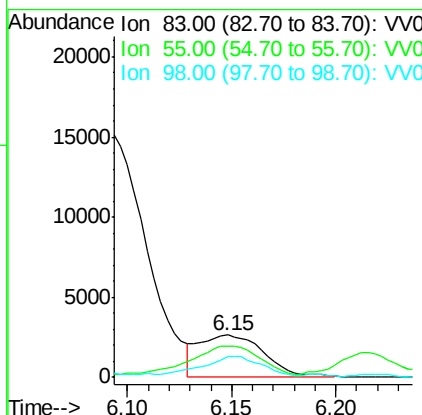
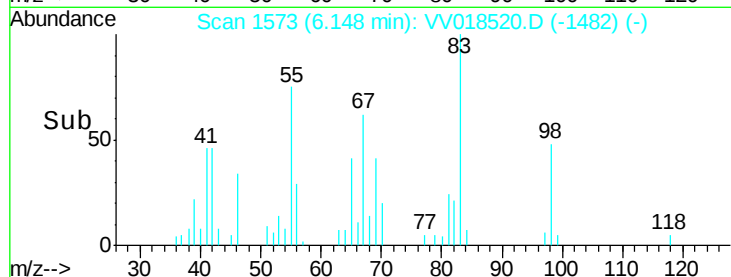
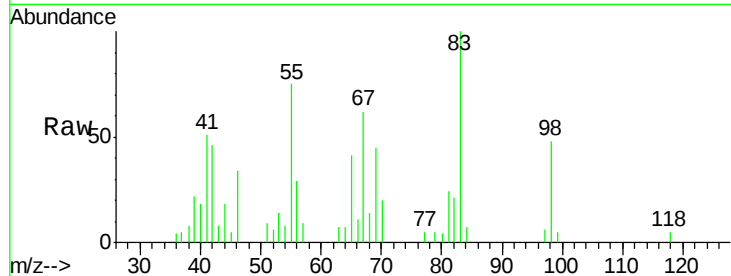
#35
Methvlcvclohexane
Concen: 1.351 ug/L m
RT: 6.15 min Scan# 1573
Delta R.T. -0.01 min
Lab File: VV018520.D
Acq: 29 Sep 2020 16:43

Instrument :
MSVOA_V
ClientSampleId :
BG3X2ME

Tot Ion	Ratio	Lower	Upper
83	100		
55	2.7	60.1	90.1#
98	6.3	40.2	60.4#

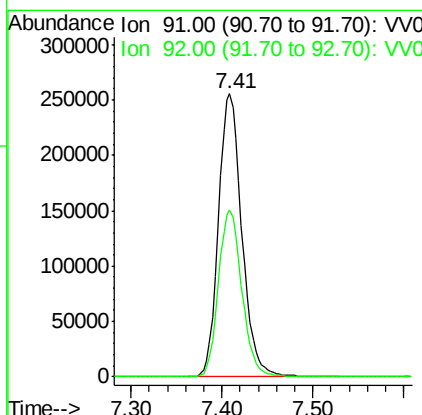
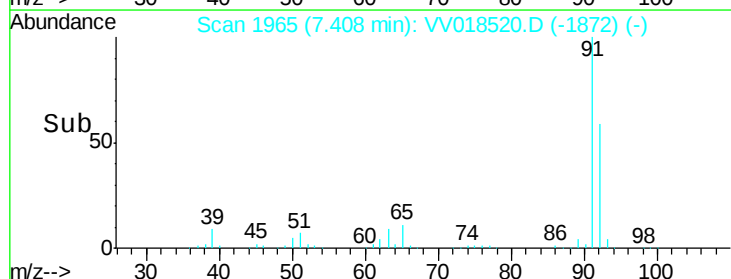
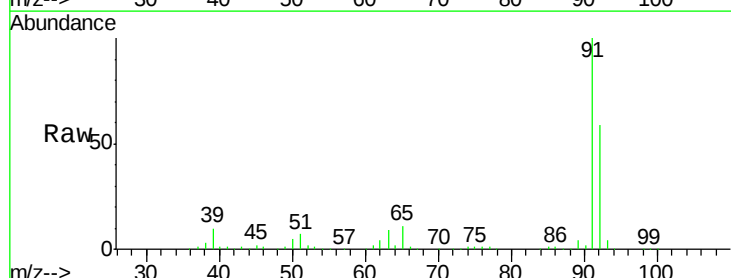
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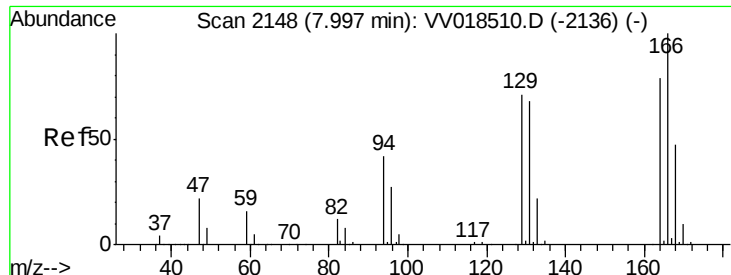
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#42
Toluene
Concen: 38.699 ug/L
RT: 7.41 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VV018520.D
Acq: 29 Sep 2020 16:43

Tgt Ion	Ratio	Lower	Upper
91	100		
92	59.1	41.6	77.3





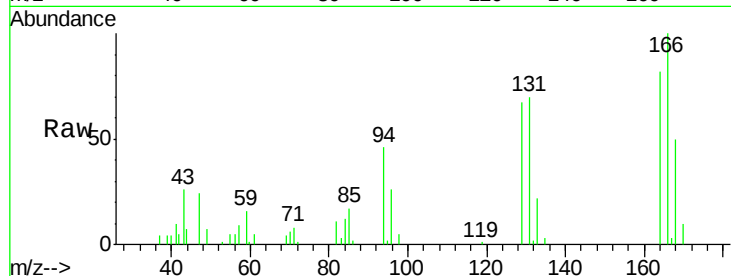
#46
Tetrachloroethene
Concen: 4.839 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.00 min
Lab File: VV018520.D
Acq: 29 Sep 2020 16:43

Instrument :
MSVOA_V
ClientSampleId :
BG3X2ME

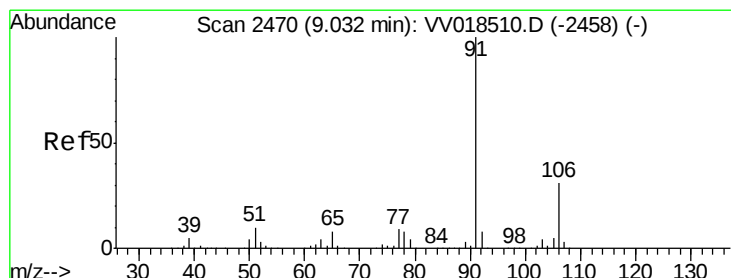
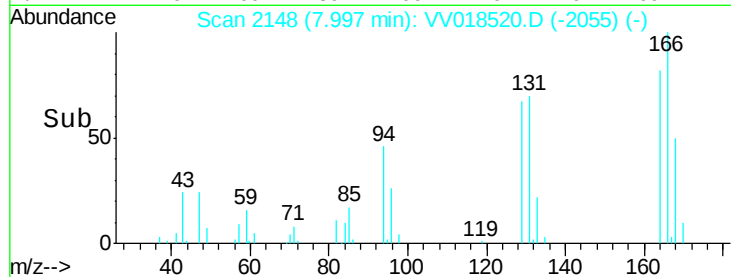
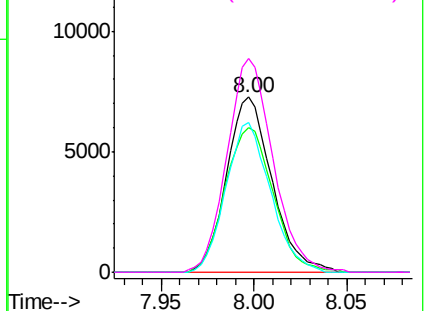
Tot Ion	164	Resp	12400
Ion	Ratio	Lower	Upper
164	100		
129	82.5	62.8	116.6
131	85.8	60.8	112.8
166	122.2	88.9	165.1

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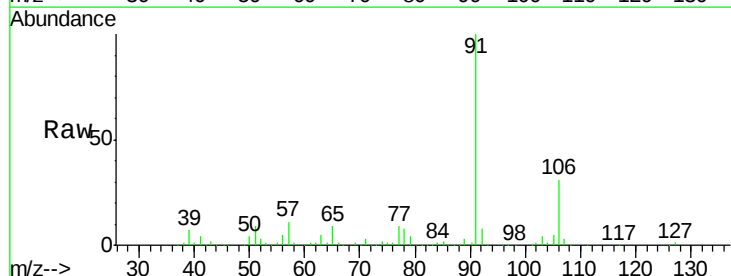


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

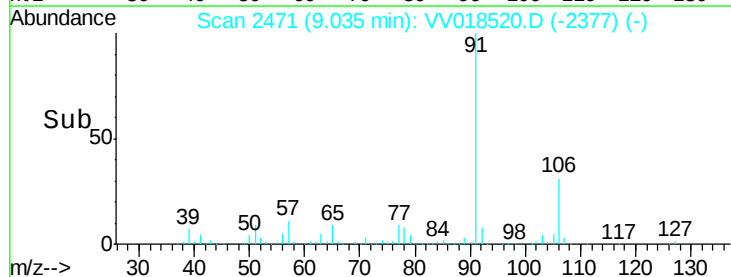
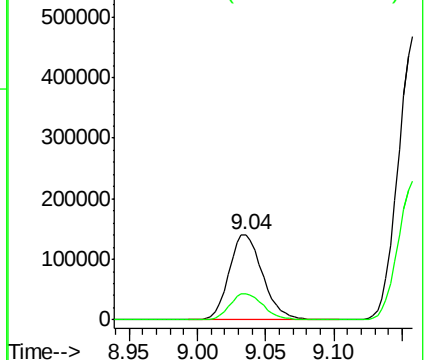


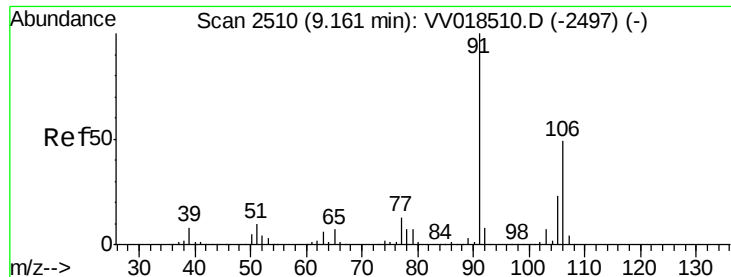
#52
Ethylbenzene
Concen: 18.400 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV018520.D
Acq: 29 Sep 2020 16:43

Tgt Ion	91	Resp	241866
Ion	Ratio	Lower	Upper
91	100		
106	30.6	21.9	40.7



Abundance Ion 91.00 (90.70 to 91.70): VV0
Ion 106.00 (105.70 to 106.70): V





#53

m,p-Xylene

Concen: 78.087 ug/L

RT: 9.16 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VV018520.D

Acq: 29 Sep 2020 16:43

Instrument :

MSVOA_V

ClientSampleId :

BG3X2ME

Tot Ion:106 Resp: 396675

Ion Ratio Lower Upper

106 100

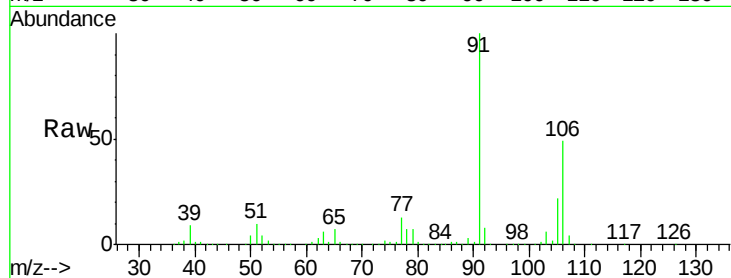
91 203.4 142.3 264.3

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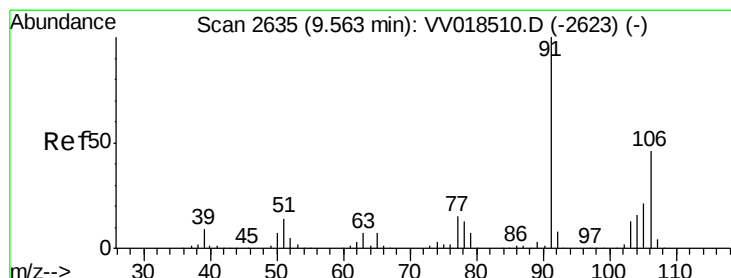
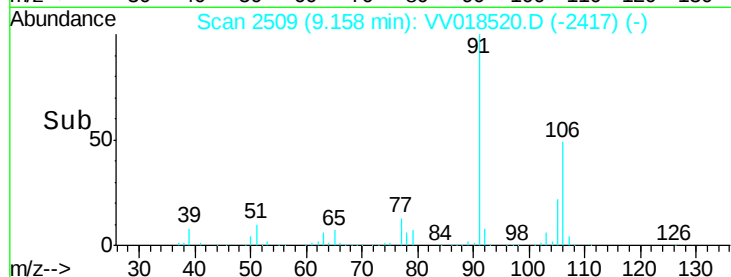
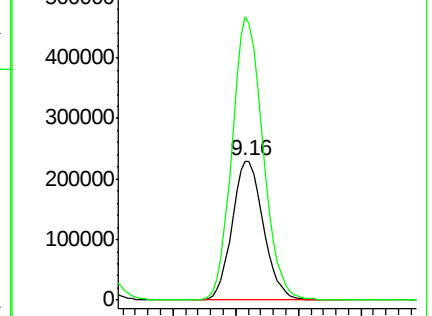
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 34.413 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV018520.D

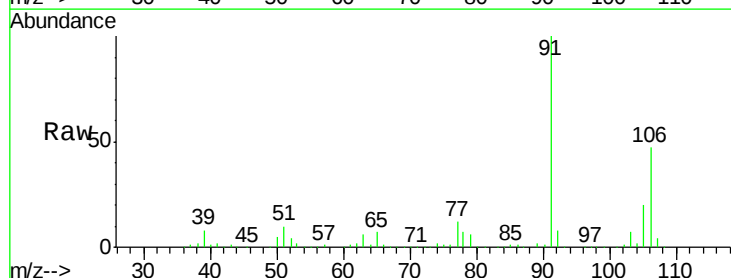
Acq: 29 Sep 2020 16:43

Tgt Ion:106 Resp: 165509

Ion Ratio Lower Upper

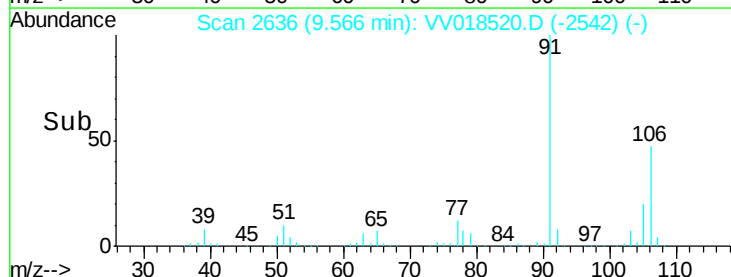
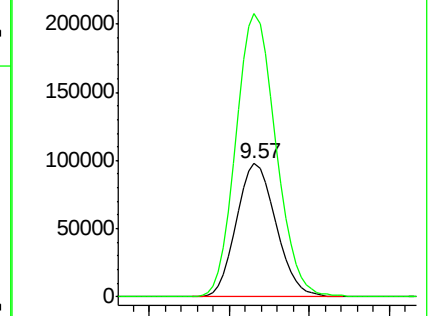
106 100

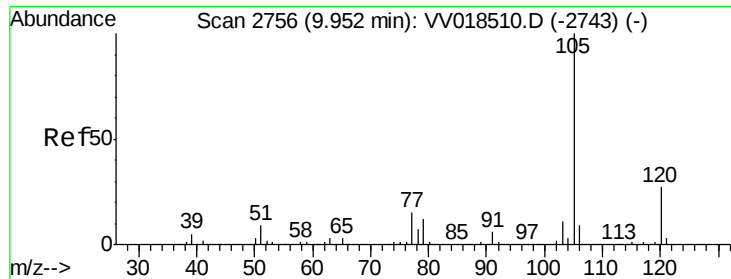
91 212.0 151.0 280.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0





#56

Isopropylbenzene

Concen: 24.879 ug/L

RT: 9.96 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VV018520.D

Acq: 29 Sep 2020 16:43

Instrument :

MSVOA_V

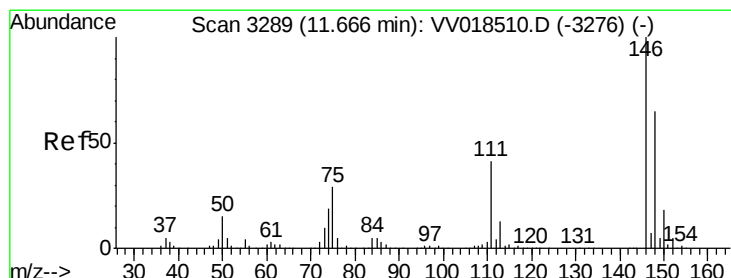
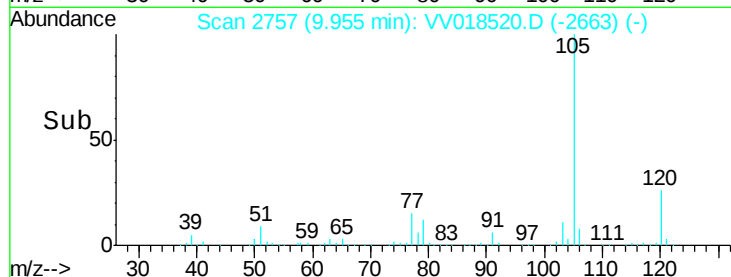
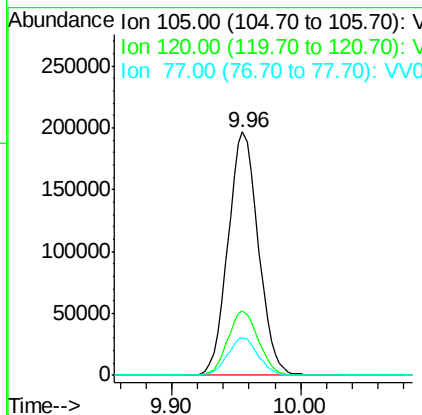
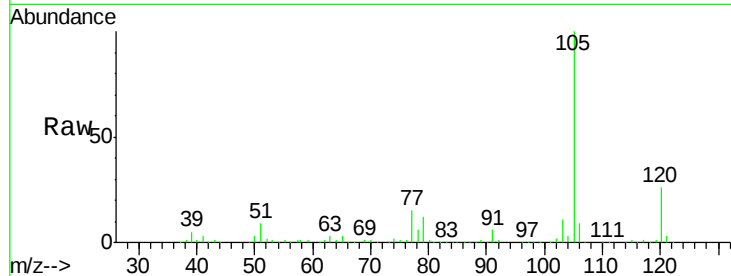
ClientSampleId :

BG3X2ME

Tot Ion:	105	Resp:	320903
Ion Ratio	Lower	Upper	
105	100		
120	26.7	21.5	32.3
77	15.6	12.2	18.2

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#65

1,2-Dichlorobenzene

Concen: 1.795 ug/L

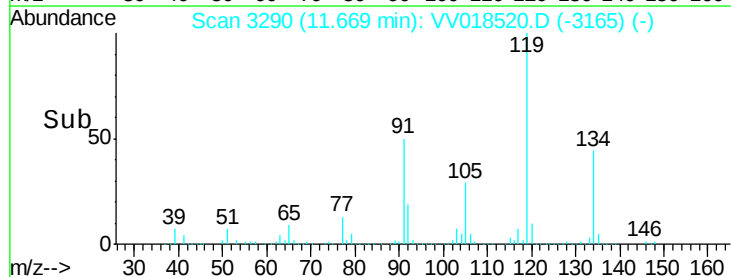
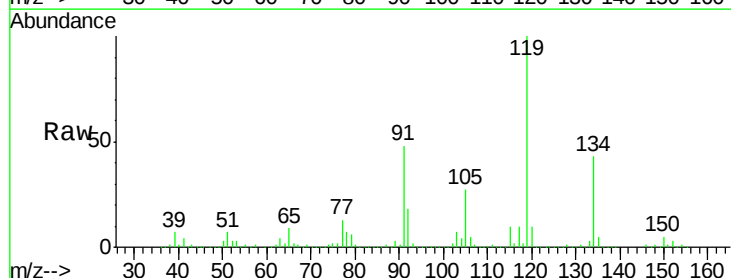
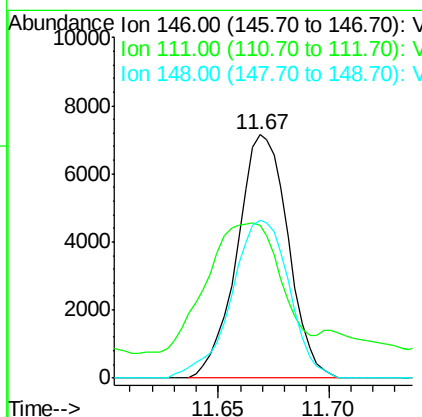
RT: 11.67 min Scan# 3290

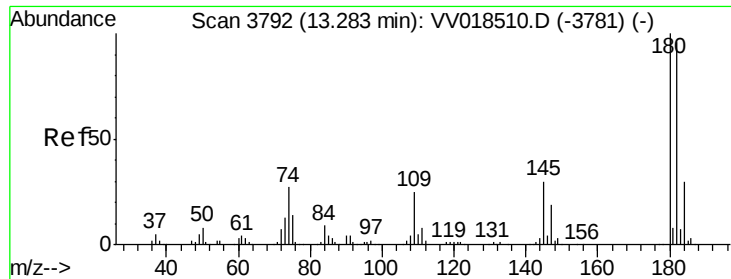
Delta R.T. 0.00 min

Lab File: VV018520.D

Acq: 29 Sep 2020 16:43

Tgt Ion:	146	Resp:	11520
Ion Ratio	Lower	Upper	
146	100		
111	62.6	32.8	49.2#
148	65.1	51.9	77.9





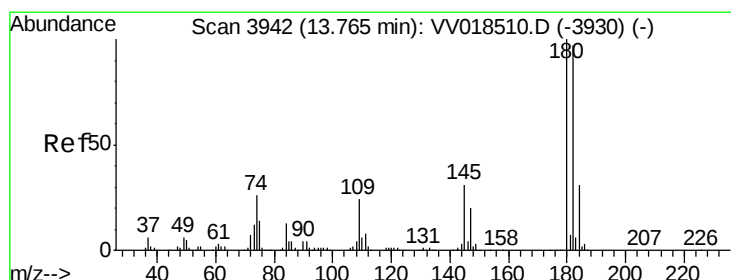
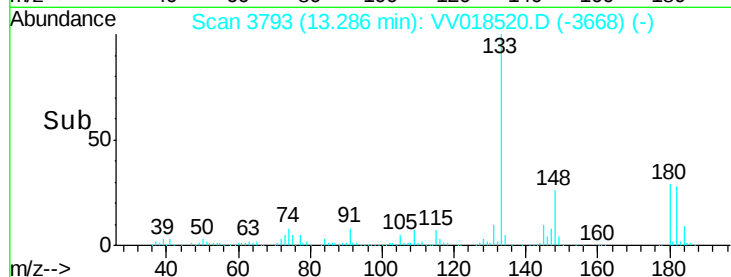
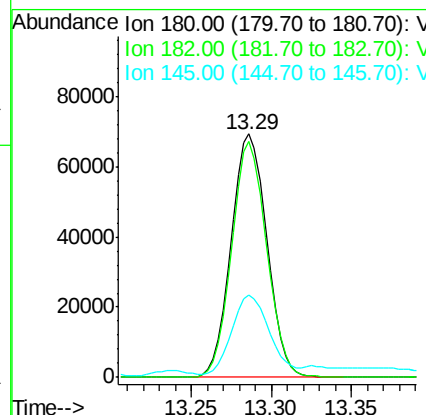
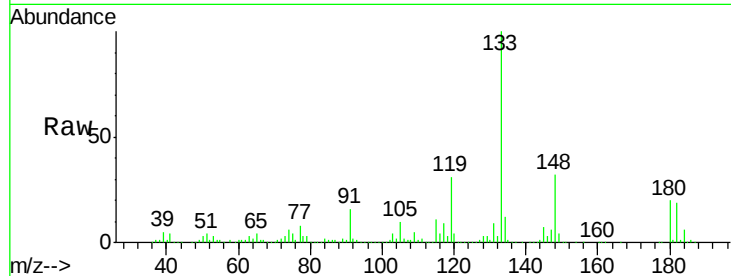
#68
 1,2,4-trichlorobenzene
 Concen: 25.259 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV018520.D
 Acq: 29 Sep 2020 16:43

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3X2ME

Tot Ion	Ratio	Resp	Lower	Upper
180	100	105617		
182	94.5	76.3	114.5	
145	33.7	23.6	35.4	

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#70
 1,2,3-Trichlorobenzene
 Concen: 6.904 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VV018520.D
 Acq: 29 Sep 2020 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	28979		
182	94.7	77.1	115.7	
145	15.7	25.1	37.7#	

