

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111620\
 Data File : VL035962.D
 Acq On : 17 Nov 2020 3:07
 Operator : SY/AP
 Sample : L4773-01 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

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 11/18/2020 9:08:32 AM

Quant Time: Nov 17 22:29:08 2020
 Quant Title :
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1135838	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4025618	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	4101806	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3156018	10.83	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	22038	0.103	ppbv	95
3) Chlorodifluoromethane	2.98	51	22986	0.169	ppbv	93
9) Propene	3.01	41	11109	0.223	ppbv	96
11) Trichlorofluoromethane	3.95	101	24333	0.091	ppbv	100
13) Ethanol	3.60	45	482217	44.647	ppbv	97
15) Acetone	3.85	43	734543	6.049	ppbv	97
19) Isopropyl Alcohol	3.98	45	39068m	0.524	ppbv	
29) Chloroform	5.75	83	1163853	4.488	ppbv	97
31) cis-1,2-Dichloroethene	5.55	61	15866m	0.117	ppbv	
38) Trichloroethene	7.83	130	1118835	7.654	ppbv	97
52) Tetrachloroethene	11.23	164	11958387m	84.340	ppbv	
59) m/p-Xylene	12.98	91	64168m	0.152	ppbv	
60) o-Xylene	13.70	91	44300	0.108	ppbv	87

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

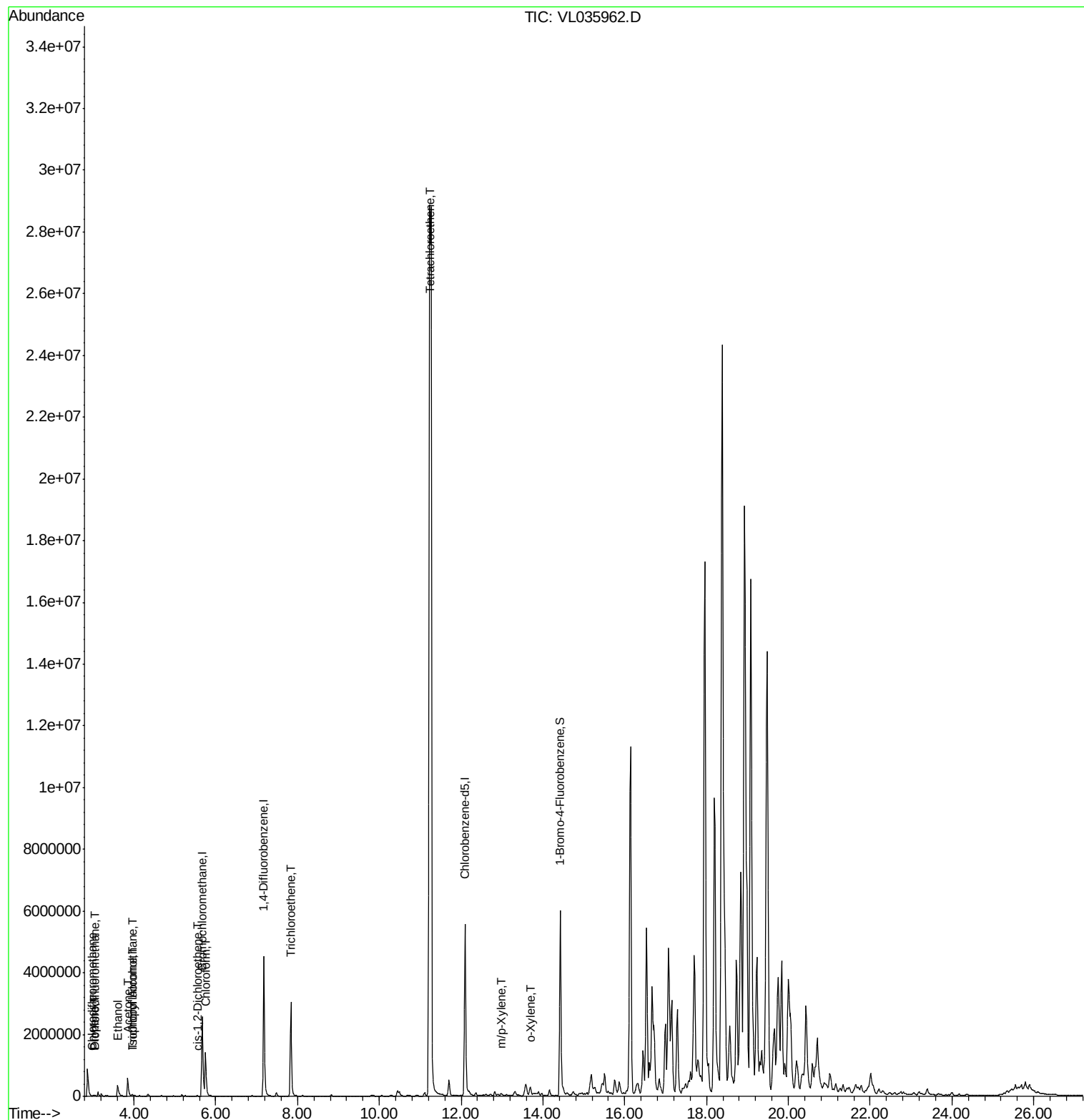
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL111620\
Data File : VL035962.D
Acq On : 17 Nov 2020 3:07
Operator : SY/AP
Sample : L4773-01 10X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

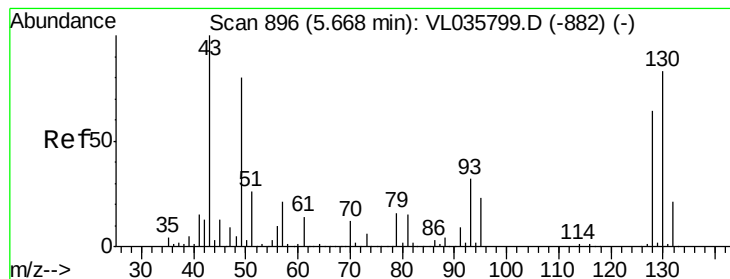
Instrument :
MSVOA_L
ClientSampleId :
SV1

Quant Time: Nov 17 22:29:08 2020
Quant Title :
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. -0.00 min

Lab File: VL035962.D

Acq: 17 Nov 2020 3:07

Instrument :

MSVOA_L

ClientSampleId :

SV1

Tot Ion: 49 Resp: 1135838

Ion Ratio Lower Upper

49 100

128 78.3 41.5 124.6

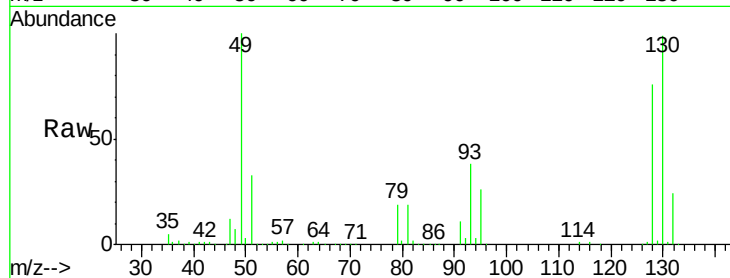
130 100.6 53.7 161.1

Manual Integrations

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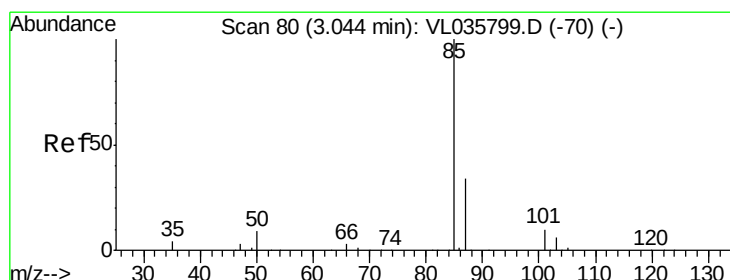
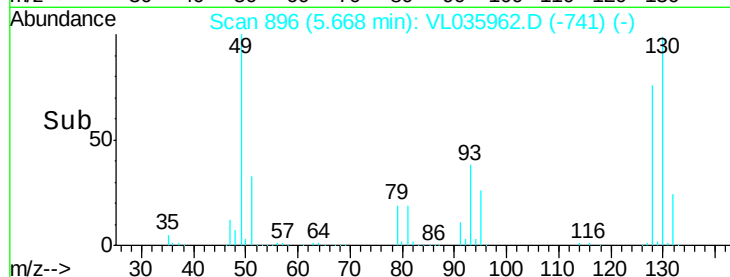
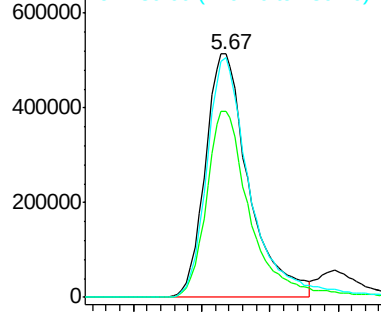
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 0.103 ppbv

RT: 3.04 min Scan# 79

Delta R.T. -0.00 min

Lab File: VL035962.D

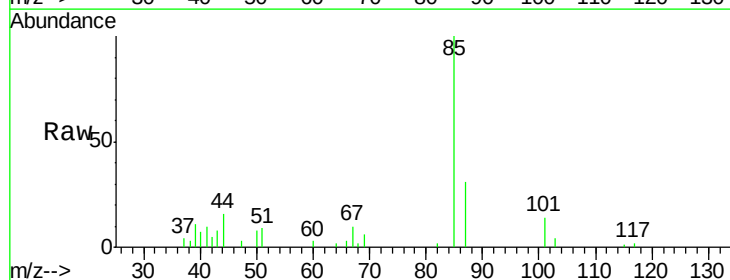
Acq: 17 Nov 2020 3:07

Tgt Ion: 85 Resp: 22038

Ion Ratio Lower Upper

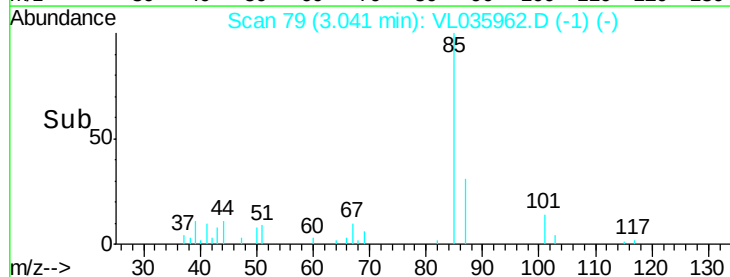
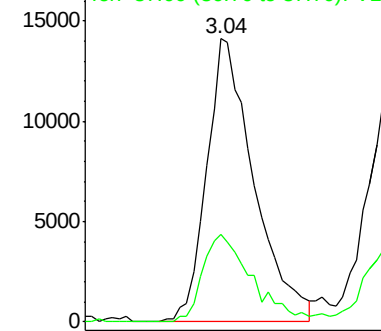
85 100

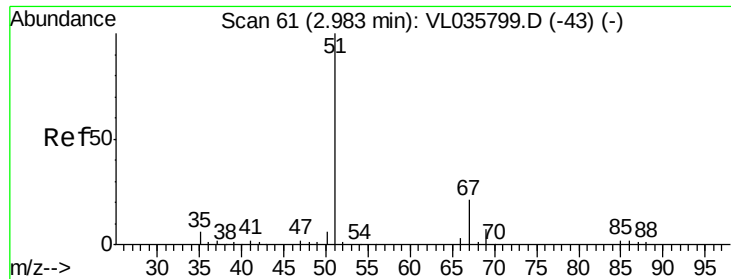
87 30.8 27.1 40.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.169 ppbv

RT: 2.98 min Scan# 61

Delta R.T. -0.00 min

Lab File: VL035962.D

Acq: 17 Nov 2020 3:07

Instrument :

MSVOA_L

ClientSampled :

SV1

Tot Ion: 51 Resp: 22986

Ion Ratio Lower Upper

51 100

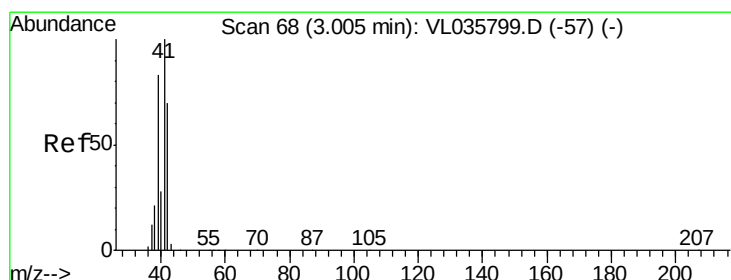
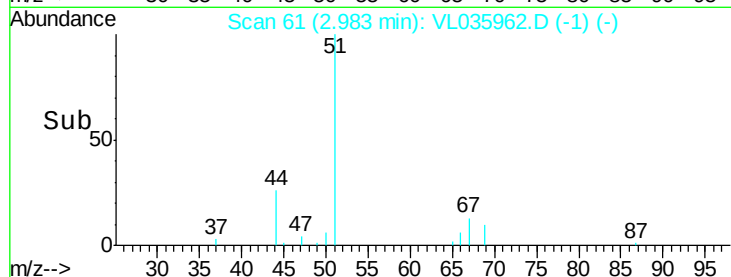
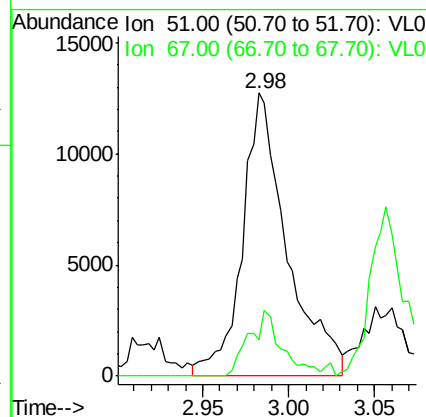
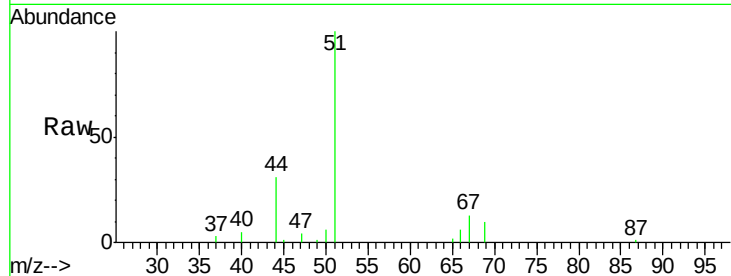
67 18.0 17.0 25.4

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#9

Propene

Concen: 0.223 ppbv

RT: 3.01 min Scan# 70

Delta R.T. 0.01 min

Lab File: VL035962.D

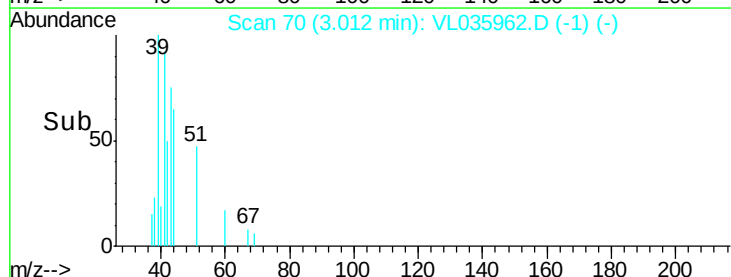
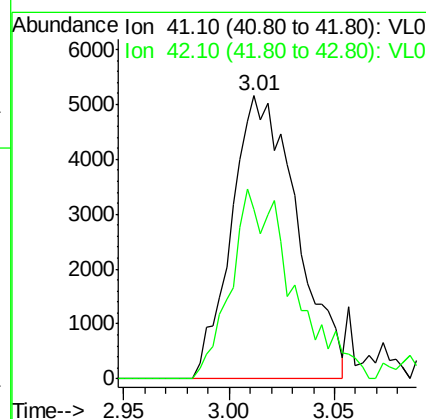
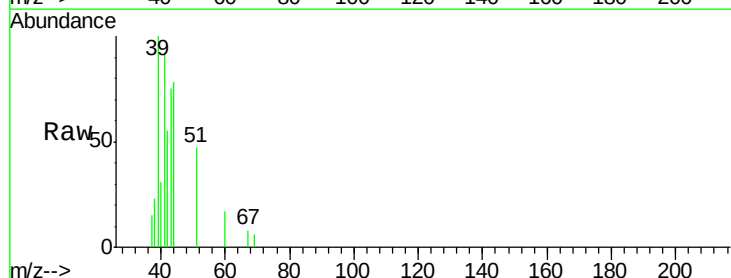
Acq: 17 Nov 2020 3:07

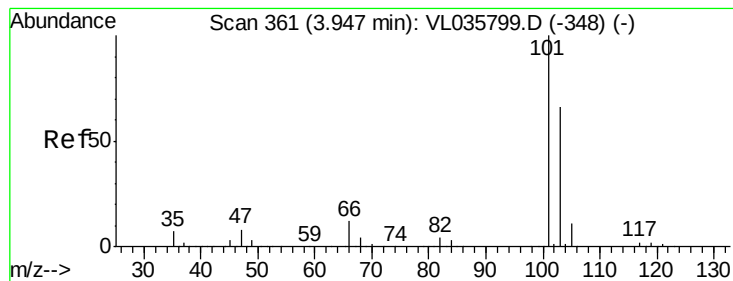
Tgt Ion: 41 Resp: 11109

Ion Ratio Lower Upper

41 100

42 67.0 56.2 84.4





#11

Trichlorofluoromethane

Concen: 0.091 ppbv

RT: 3.95 min Scan# 362

Delta R.T. 0.00 min

Lab File: VL035962.D

Acq: 17 Nov 2020 3:07

Instrument :

MSVOA_L

ClientSampled :

SV1

Tot Ion:101 Resp: 24333

Ion Ratio Lower Upper

101 100

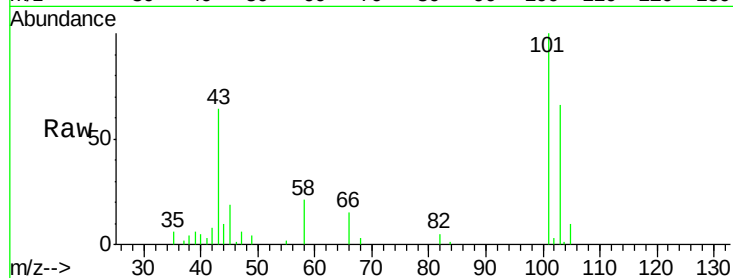
103 66.3 53.0 79.4

Manual Integrations

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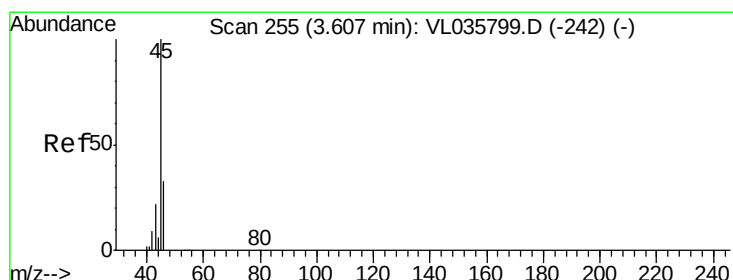
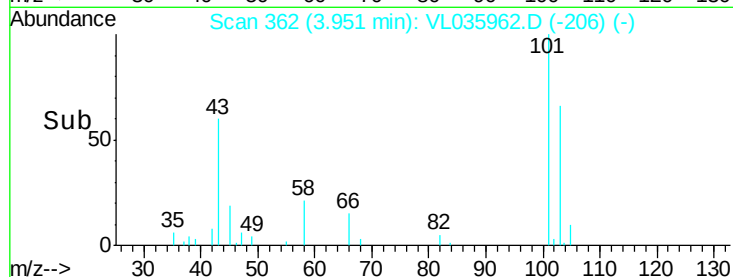
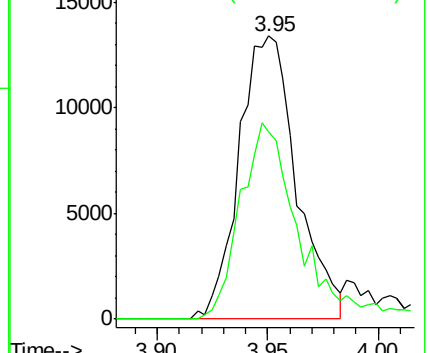
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Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Ethanol

Concen: 44.647 ppbv

RT: 3.60 min Scan# 253

Delta R.T. -0.01 min

Lab File: VL035962.D

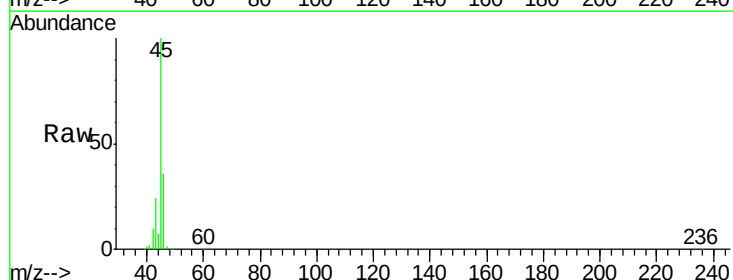
Acq: 17 Nov 2020 3:07

Tgt Ion: 45 Resp: 482217

Ion Ratio Lower Upper

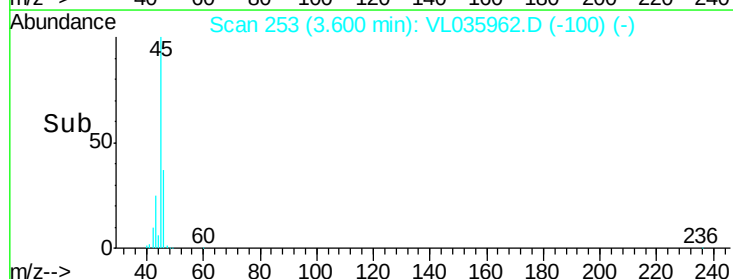
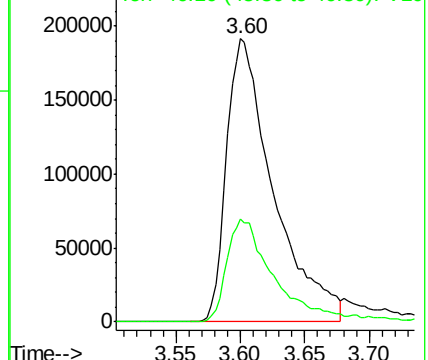
45 100

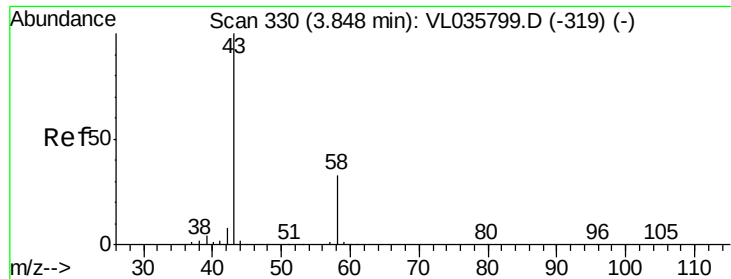
46 38.4 16.1 64.5



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





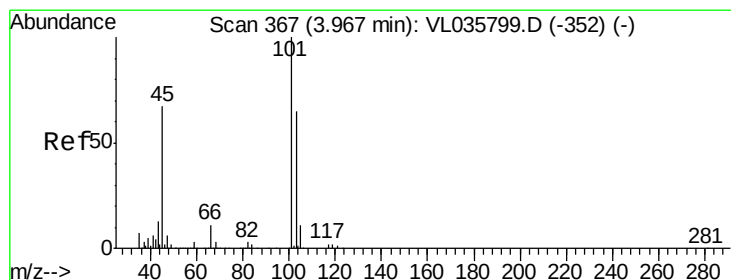
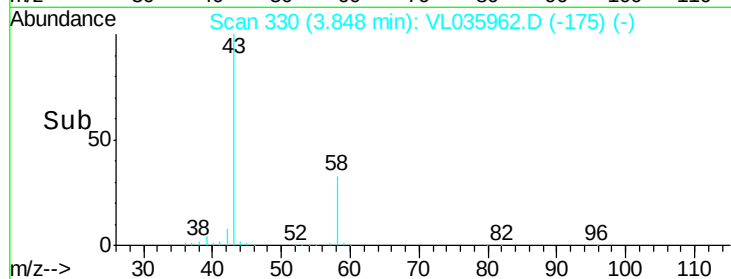
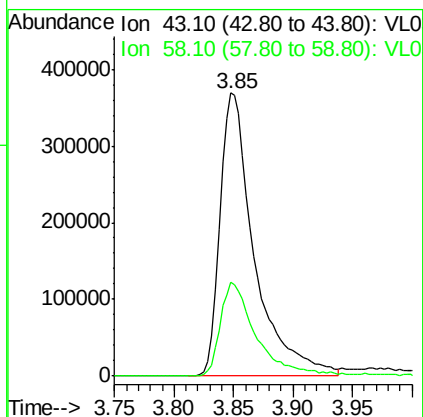
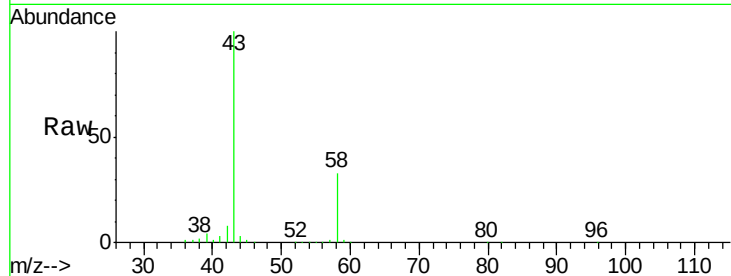
#15
Acetone
Concen: 6.049 ppbv
RT: 3.85 min Scan# 330
Delta R.T. -0.00 min
Lab File: VL035962.D
Acq: 17 Nov 2020 3:07

Instrument :
MSVOA_L
ClientSampled :
SV1

Tot Ion: 43 Resp: 734543
Ion Ratio Lower Upper
43 100
58 36.3 27.5 41.3

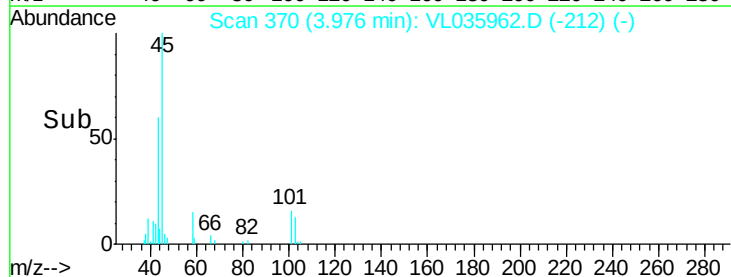
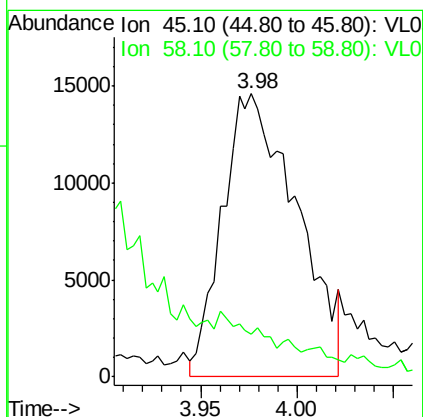
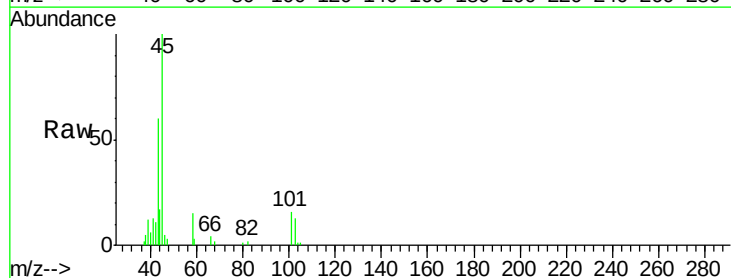
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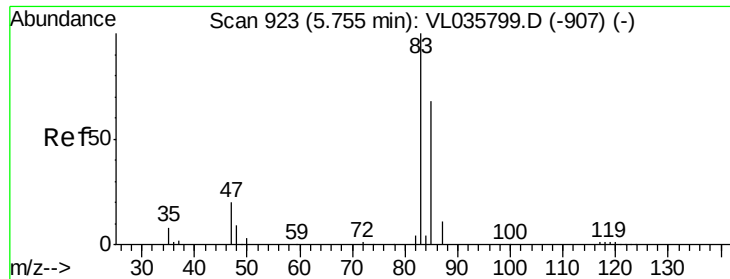
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#19
Isopropyl Alcohol
Concen: 0.524 ppbv m
RT: 3.98 min Scan# 370
Delta R.T. 0.01 min
Lab File: VL035962.D
Acq: 17 Nov 2020 3:07

Tgt Ion: 45 Resp: 39068
Ion Ratio Lower Upper
45 100
58 680.4 2.6 3.8#





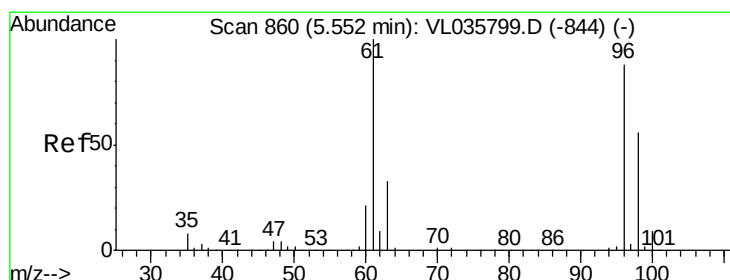
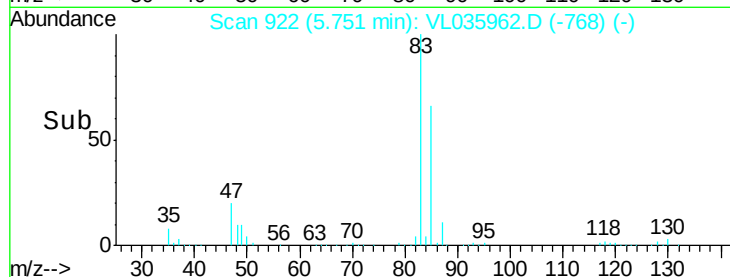
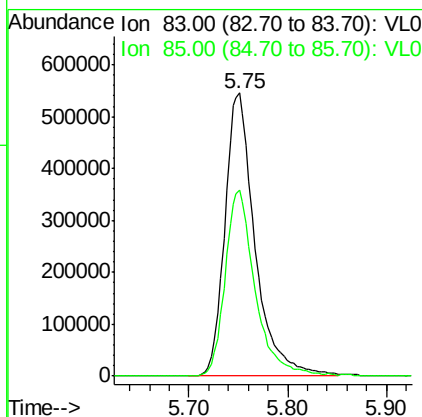
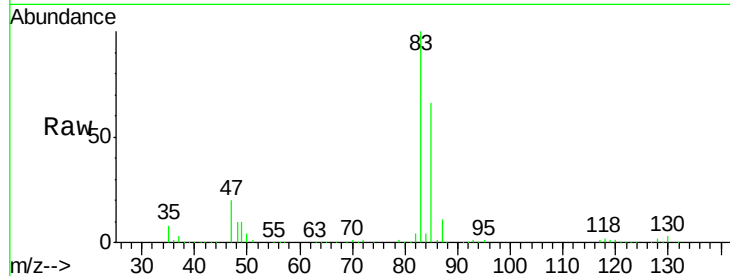
#29
Chloroform
Concen: 4.488 ppbv
RT: 5.75 min Scan# 922
Delta R.T. -0.00 min
Lab File: VL035962.D
Acq: 17 Nov 2020 3:07

Instrument :
MSVOA_L
ClientSampled :
SV1

Tot Ion: 83 Resp: 1163853
Ion Ratio Lower Upper
83 100
85 65.9 54.6 81.8

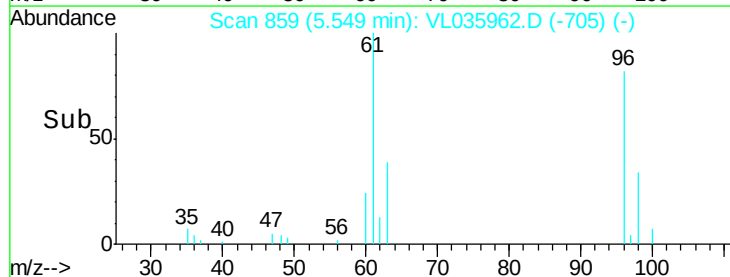
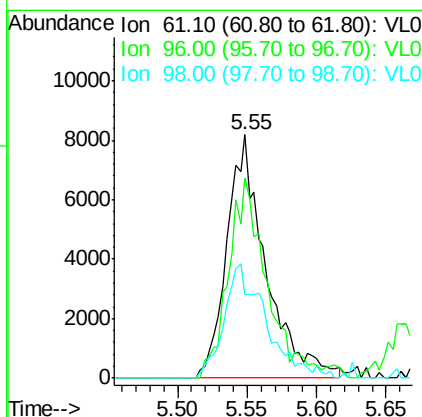
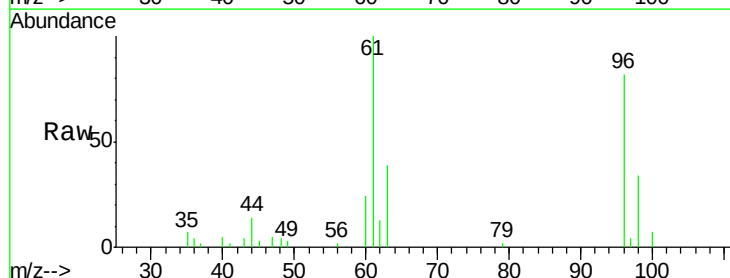
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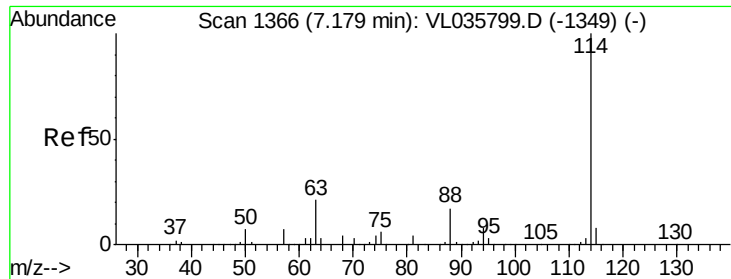
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#31
cis-1,2-Dichloroethene
Concen: 0.117 ppbv m
RT: 5.55 min Scan# 859
Delta R.T. -0.00 min
Lab File: VL035962.D
Acq: 17 Nov 2020 3:07

Tgt Ion: 61 Resp: 15866
Ion Ratio Lower Upper
61 100
96 82.3 70.3 105.5
98 34.4 45.0 67.6#





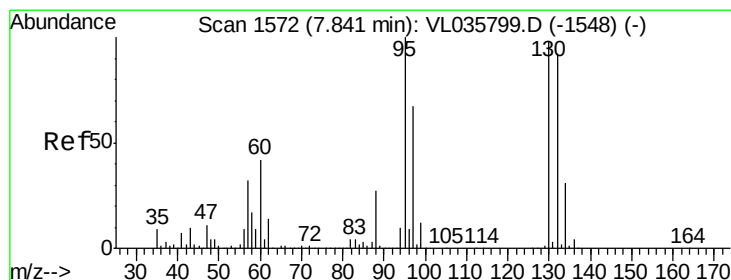
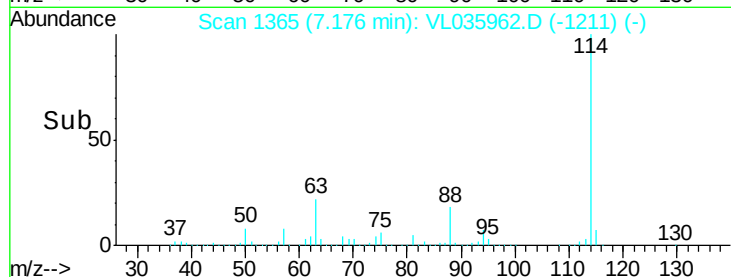
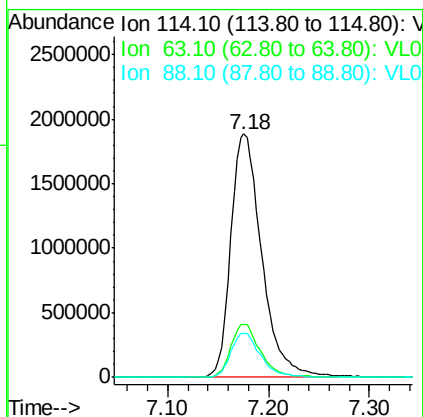
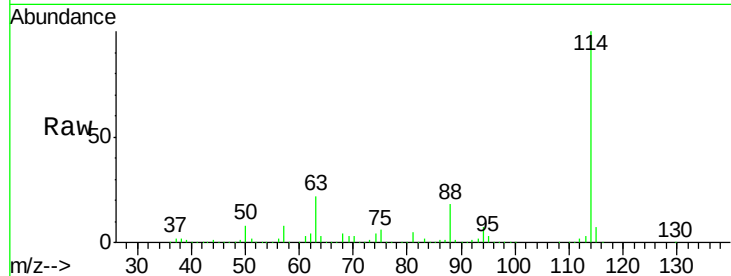
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VL035962.D
 Acq: 17 Nov 2020 3:07

Instrument :
 MSVOA_L
 ClientSampled :
 SV1

Tot Ion:114 Resp: 4025618
 Ion Ratio Lower Upper
 114 100
 63 21.2 16.1 24.1
 88 17.7 13.7 20.5

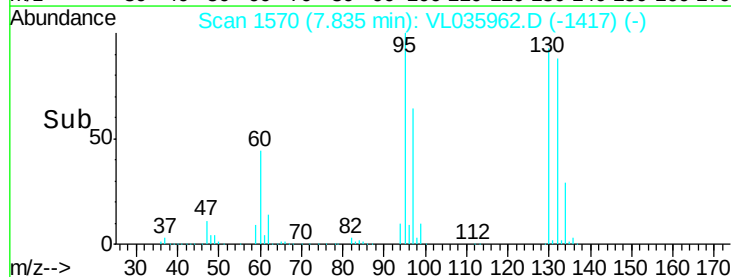
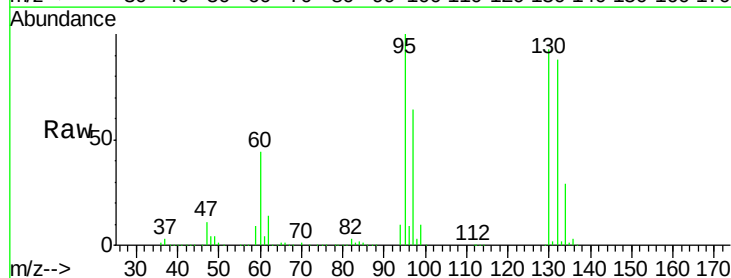
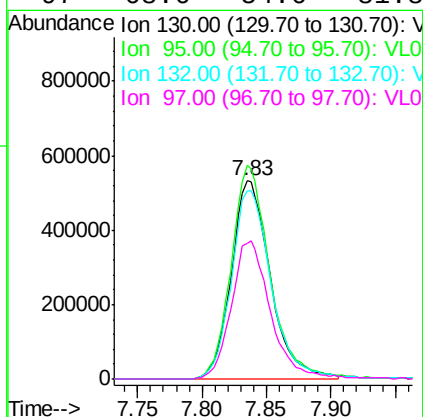
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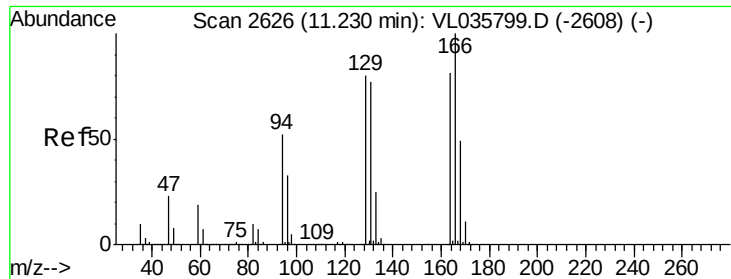
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#38
 Trichloroethene
 Concen: 7.654 ppbv
 RT: 7.83 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: VL035962.D
 Acq: 17 Nov 2020 3:07

Tgt Ion:130 Resp: 1118835
 Ion Ratio Lower Upper
 130 100
 95 107.6 81.6 122.4
 132 95.1 75.1 112.7
 97 68.6 54.6 81.8





#52

Tetrachloroethene

Concen: 84.340 ppbv m

RT: 11.23 min Scan# 2626

Delta R.T. -0.00 min

Lab File: VL035962.D

Acq: 17 Nov 2020 3:07

Instrument :

MSVOA_L

ClientSampled :

SV1

Tot Ion:164 Resp:11958387

Ion Ratio Lower Upper

164 100

166 113.5 99.3 148.9

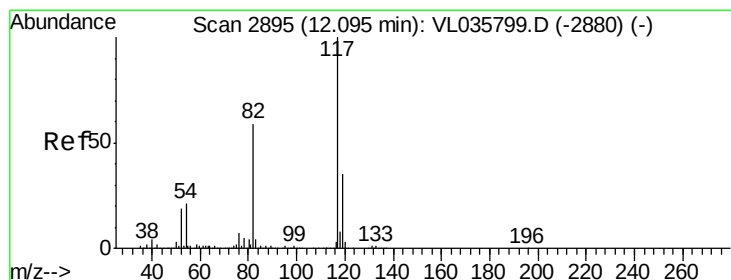
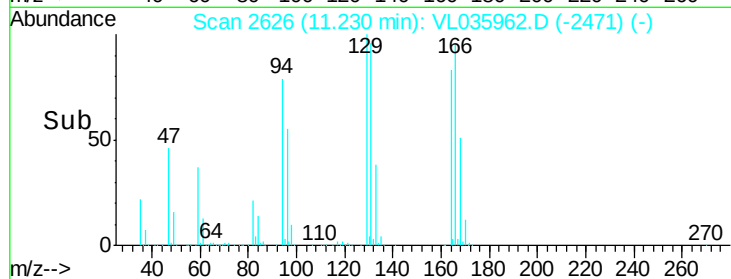
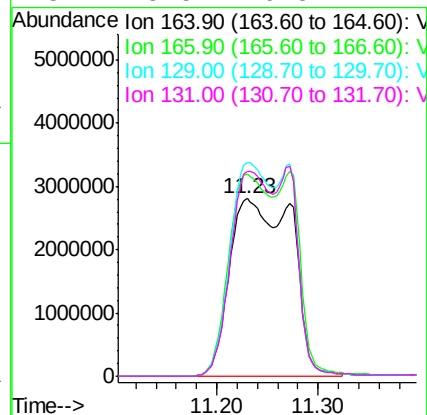
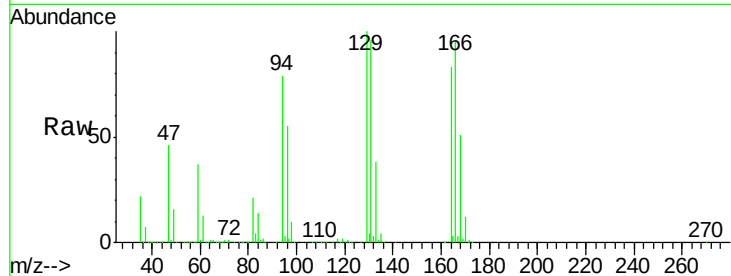
129 120.1 79.3 118.9#

131 115.5 76.5 114.7#

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09 min Scan# 2895

Delta R.T. -0.00 min

Lab File: VL035962.D

Acq: 17 Nov 2020 3:07

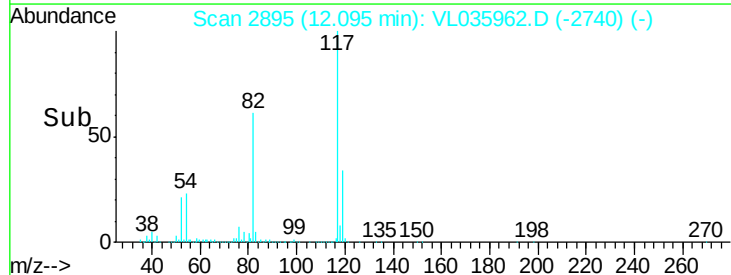
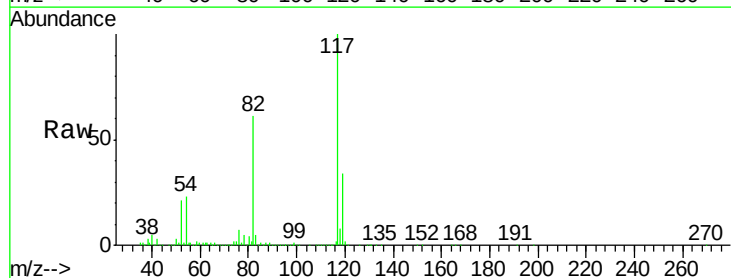
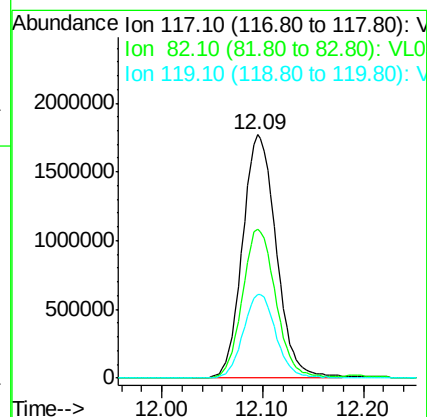
Tgt Ion:117 Resp: 4101806

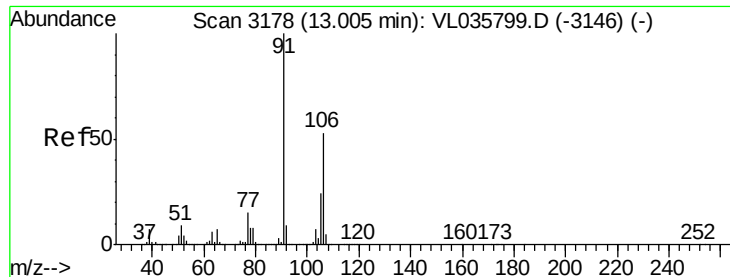
Ion Ratio Lower Upper

117 100

82 61.0 50.6 76.0

119 33.9 52.6 78.8#





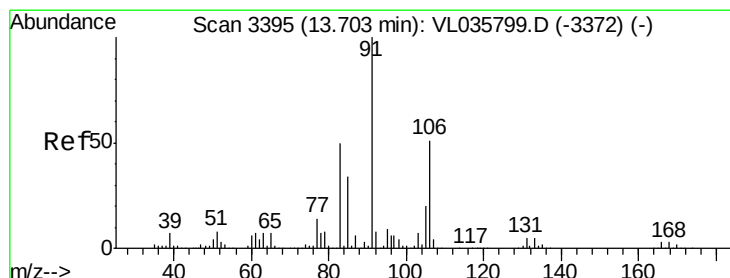
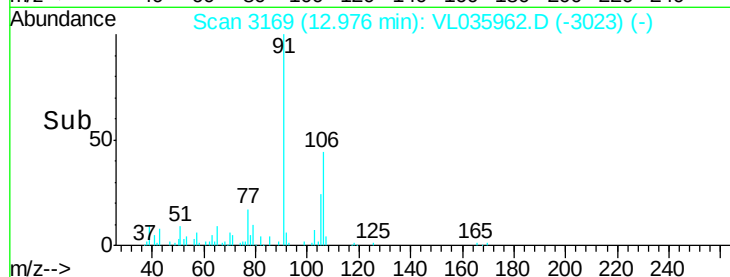
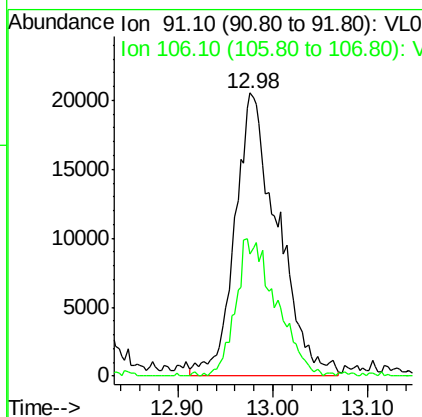
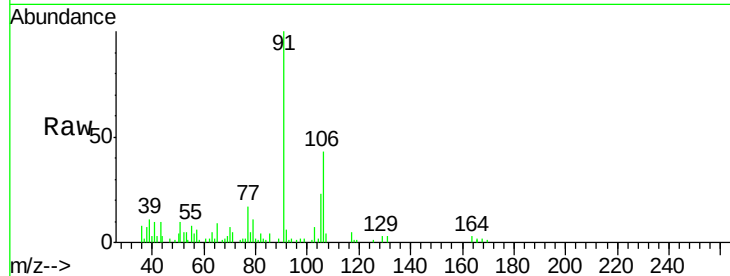
#59
m/p-Xylene
Concen: 0.152 ppbv m
RT: 12.98 min Scan# 3169
Delta R.T. -0.03 min
Lab File: VL035962.D
Acq: 17 Nov 2020 3:07

Instrument :
MSVOA_L
ClientSampled :
SV1

Tot Ion: 91 Resp: 64168
Ion Ratio Lower Upper
91 100
106 0.0 39.5 59.3#

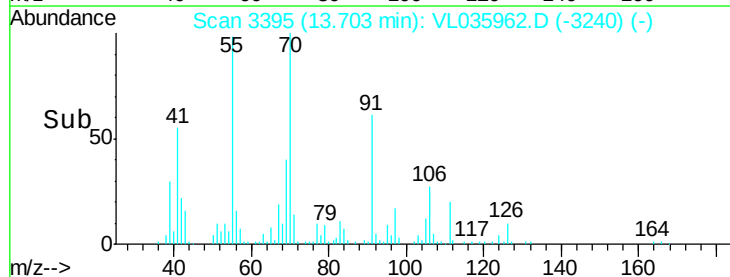
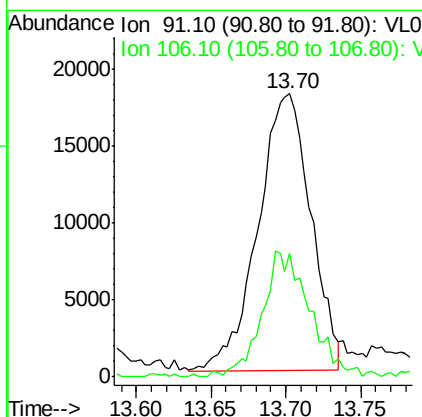
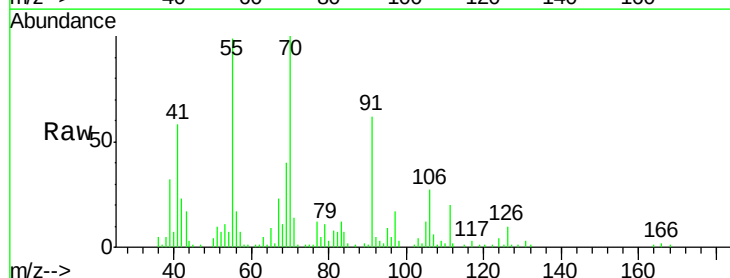
Manual Integrations
APPROVED

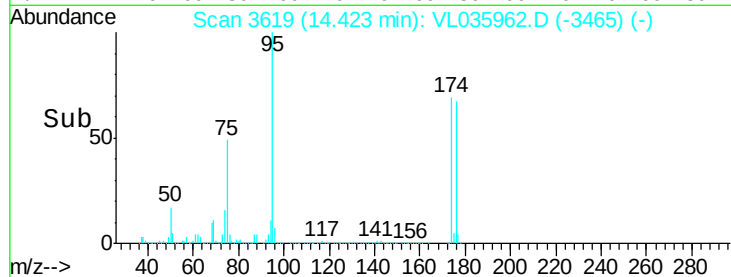
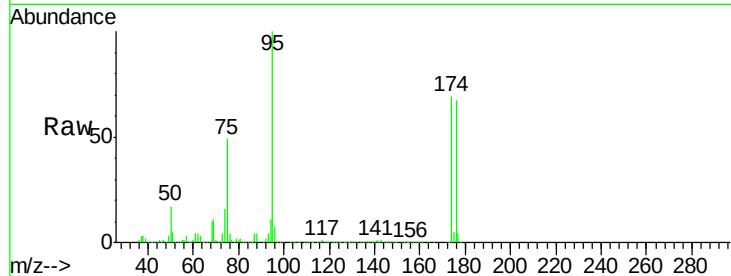
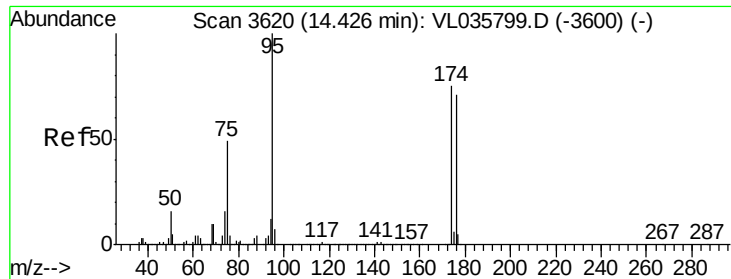
MMDadoda
11/18/2020 9:08:32 AM



#60
o-Xylene
Concen: 0.108 ppbv
RT: 13.70 min Scan# 3395
Delta R.T. -0.00 min
Lab File: VL035962.D
Acq: 17 Nov 2020 3:07

Tgt Ion: 91 Resp: 44300
Ion Ratio Lower Upper
91 100
106 40.8 24.8 74.4





#68

1-Bromo-4-Fluorobenzene

Concen: 10.830 ppbv

RT: 14.42 min Scan# 3619

Delta R.T. -0.00 min

Lab File: VL035962.D

Acq: 17 Nov 2020 3:07

Tot Ion: 95 Resp: 3156018

Ion Ratio Lower Upper

95 100

174 71.0 59.8 89.6

175 5.1 4.3 6.5

Instrument :

MSVOA_L

ClientSampleId :

SV1

Manual Integrations

APPROVED

MMDadoda

11/18/2020 9:08:32 AM

