

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090320\
 Data File : VL035534.D
 Acq On : 3 Sep 2020 17:12
 Operator : SY/AP
 Sample : L3898-01DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1DL

Manual Integrations
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Quant Time: Sep 04 07:21:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Aug 27 06:46:28 2020
 QLast Update : Thu Aug 27 06:46:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	1052706	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	4434332	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	4426422	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	3208553	10.21	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.61	45	521842	46.891	ppbv	95
15) Acetone	3.87	43	134614	1.159	ppbv	98
19) Isopropyl Alcohol	3.99	45	185190	2.674	ppbv #	95
20) Methylene Chloride	4.36	84	306881	3.549	ppbv	96
26) Hexane	5.71	57	126993	1.093	ppbv #	50
34) 2-Butanone	5.27	43	67086	0.510	ppbv	99
53) Toluene	9.83	91	91565	0.254	ppbv	96
59) m/p-Xylene	13.00	91	37219m	0.098	ppbv	
79) Naphthalene	22.27	128	74975m	0.136	ppbv	

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

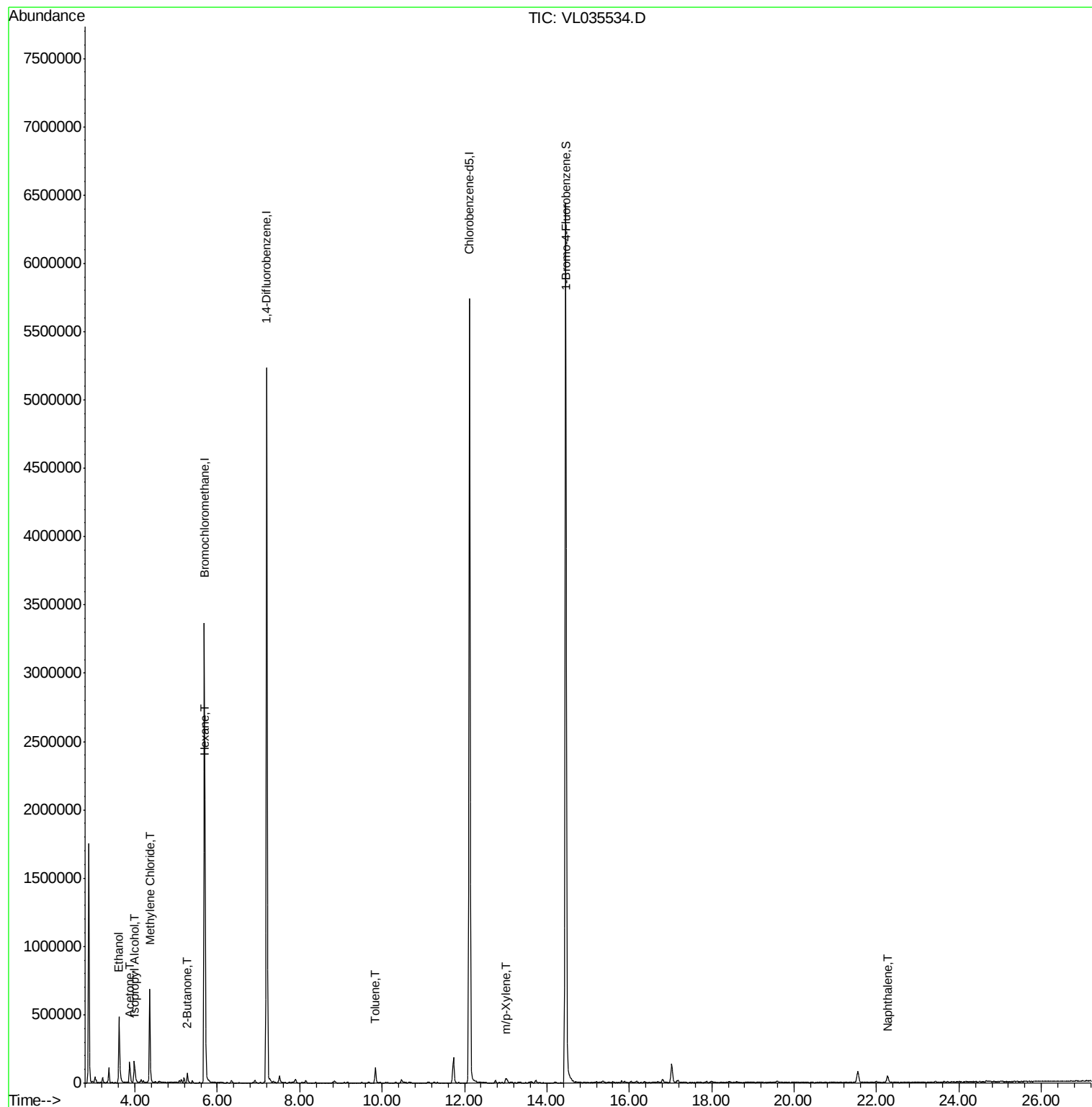
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL090320\
Data File : VL035534.D
Acq On : 3 Sep 2020 17:12
Operator : SY/AP
Sample : L3898-01DL 10X
Misc : 400ml/MSVOA L
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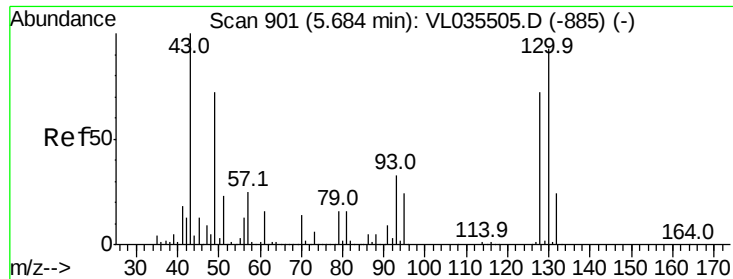
Instrument :
MSVOA_L
ClientSampleId :
IA-1DL

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Quant Time: Sep 04 07:21:06 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Aug
QLast Update : Thu Aug 27 06:46:28 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 min Scan# 902

Delta R.T. 0.00 min

Lab File: VL035534.D

Acq: 3 Sep 2020 17:12

Instrument :

MSVOA_L

ClientSampled :

IA-1DL

Tot Ion: 49 Resp: 1052706

Ion Ratio Lower Upper

49 100

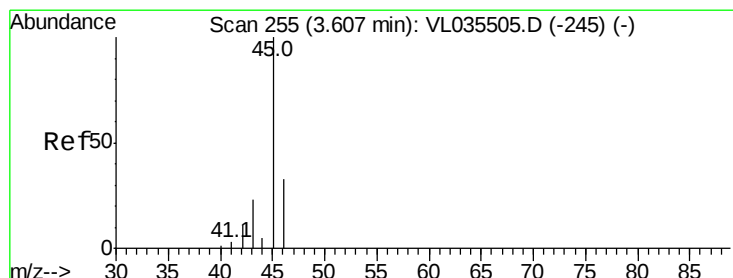
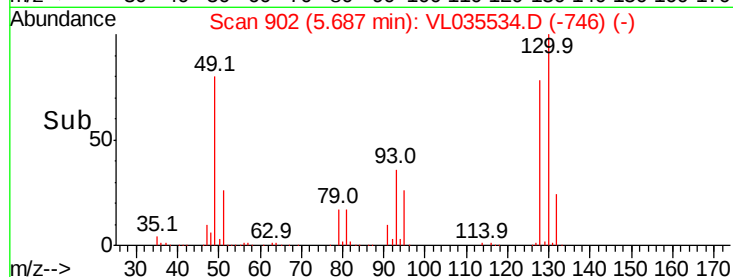
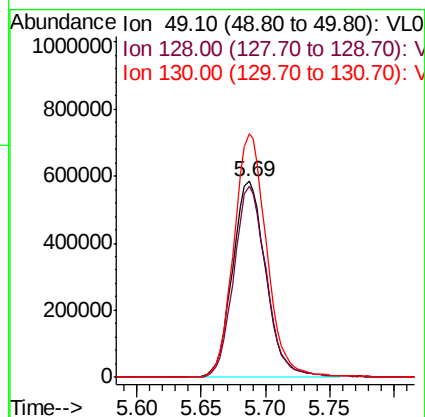
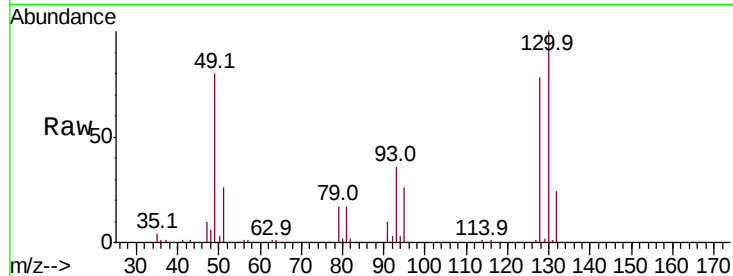
128 96.2 50.0 150.1

130 123.7 64.4 193.2

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#13

Ethanol

Concen: 46.891 ppbv

RT: 3.61 min Scan# 257

Delta R.T. 0.01 min

Lab File: VL035534.D

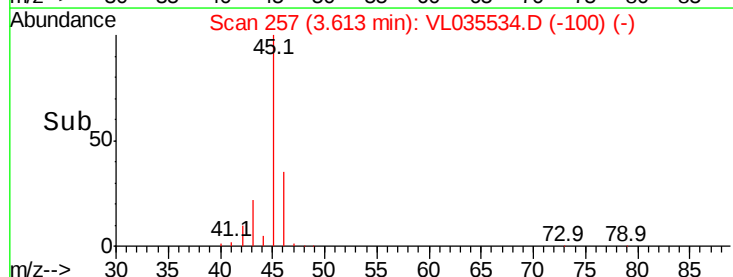
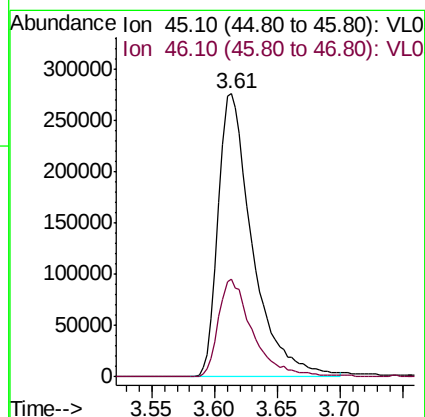
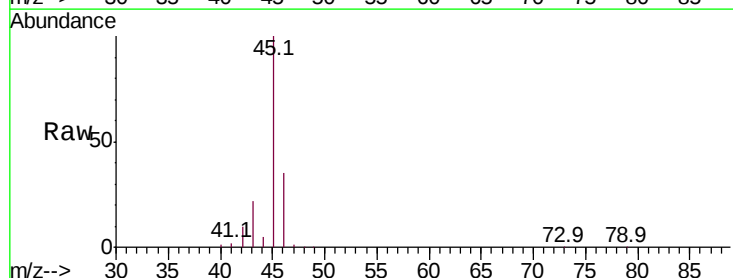
Acq: 3 Sep 2020 17:12

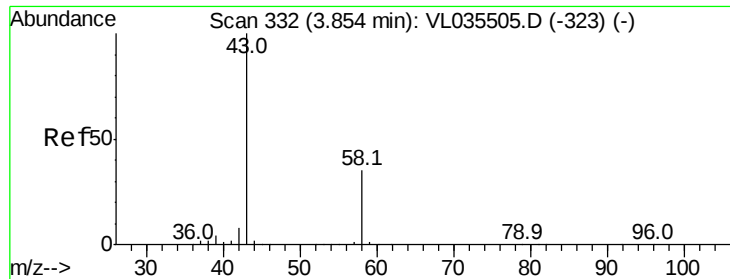
Tgt Ion: 45 Resp: 521842

Ion Ratio Lower Upper

45 100

46 34.9 15.2 60.6





#15

Acetone

Concen: 1.159 ppbv

RT: 3.87 min Scan# 337

Delta R.T. 0.02 min

Lab File: VL035534.D

Acq: 3 Sep 2020 17:12

Instrument :

MSVOA_L

ClientSampled :

IA-1DL

Tot Ion: 43 Resp: 134614

Ion Ratio Lower Upper

43 100

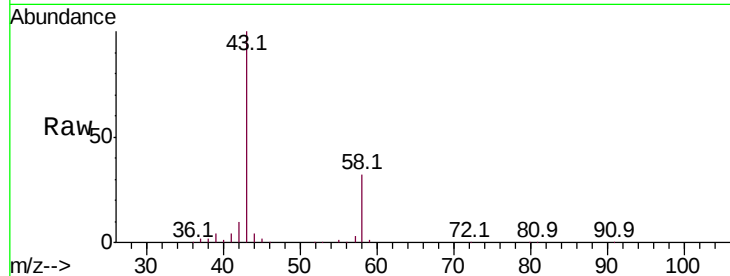
58 36.5 28.4 42.6

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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.87

100000

80000

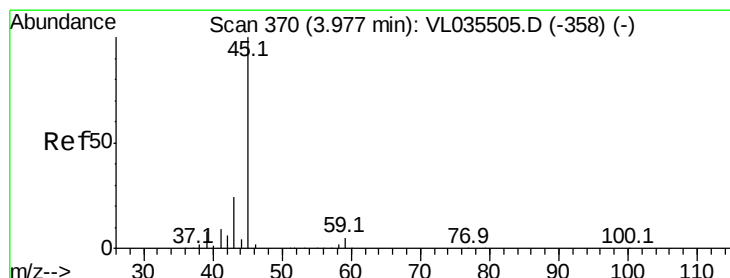
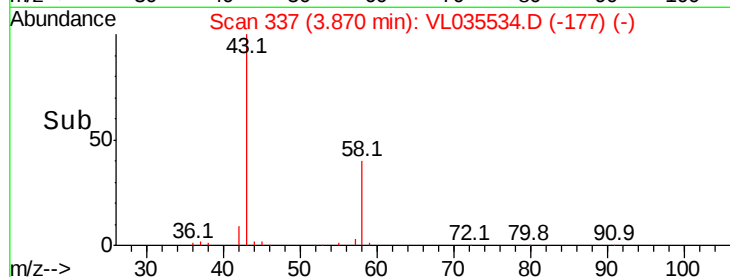
60000

40000

20000

0

Time-->



#19

Isopropyl Alcohol

Concen: 2.674 ppbv

RT: 3.99 min Scan# 373

Delta R.T. 0.01 min

Lab File: VL035534.D

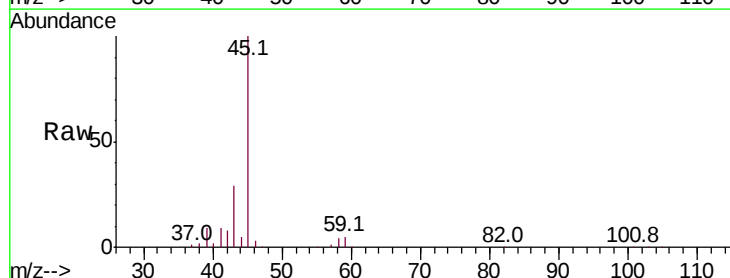
Acq: 3 Sep 2020 17:12

Tgt Ion: 45 Resp: 185190

Ion Ratio Lower Upper

45 100

58 4.2 2.0 3.0#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.99

100000

80000

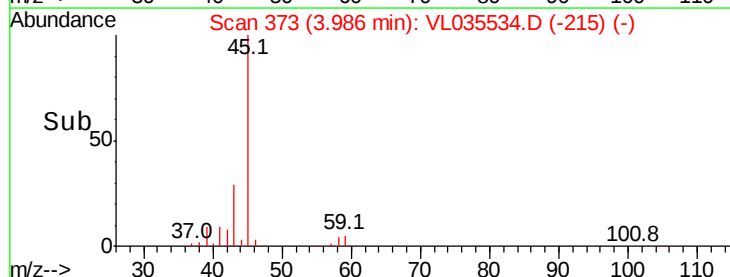
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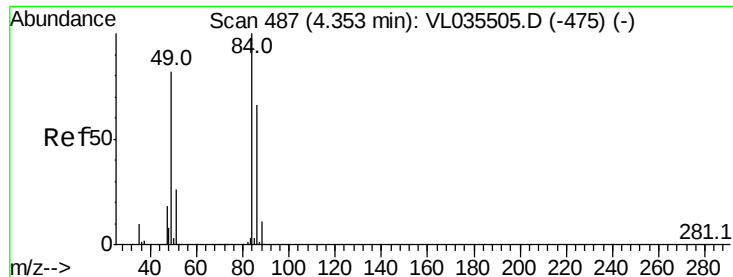
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Time-->





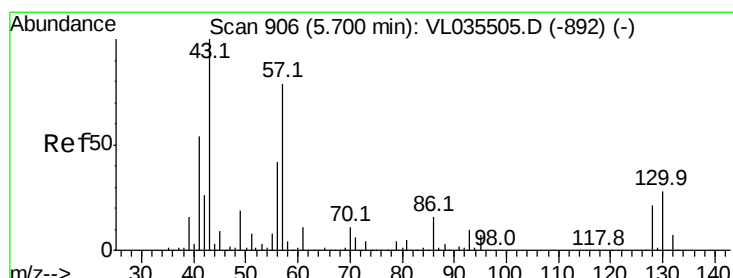
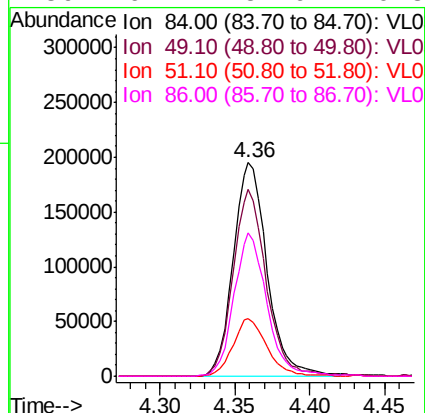
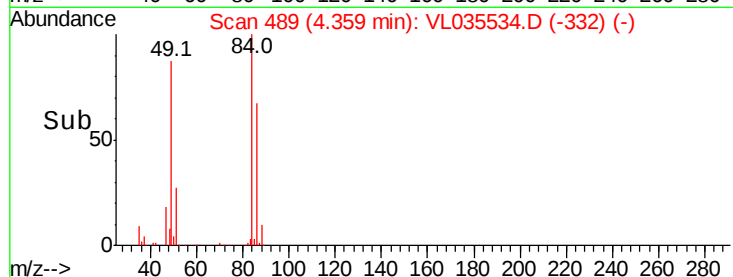
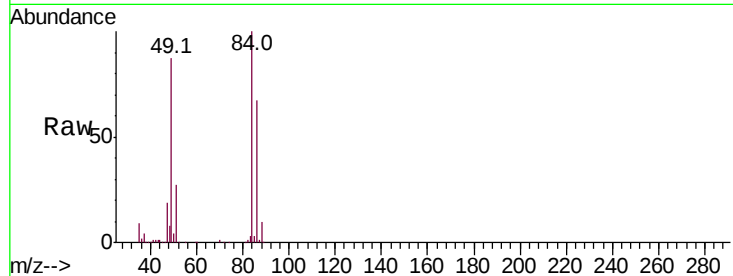
#20
Methvlene Chloride
Concen: 3.549 ppbv
RT: 4.36 min Scan# 489
Delta R.T. 0.01 min
Lab File: VL035534.D
Acq: 3 Sep 2020 17:12

Instrument :
MSVOA_L
ClientSampleId :
IA-1DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
84	100				
49	87.3	65.4	98.0		
51	26.9	21.5	32.3		
86	67.4	52.9	79.3		

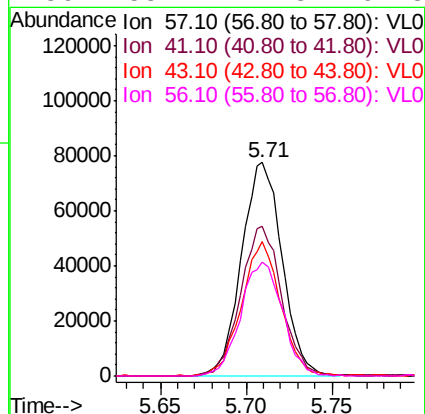
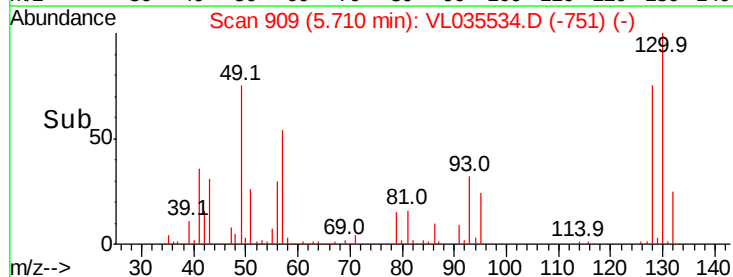
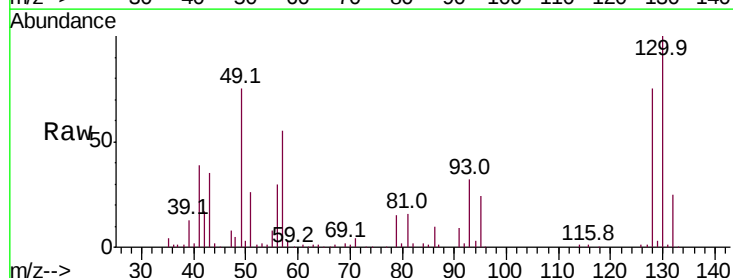
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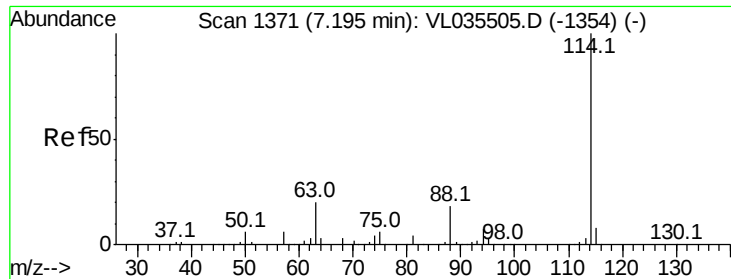
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#26
Hexane
Concen: 1.093 ppbv
RT: 5.71 min Scan# 909
Delta R.T. 0.01 min
Lab File: VL035534.D
Acq: 3 Sep 2020 17:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
57	100				
41	71.5	55.9	83.9		
43	61.9	141.8	212.8#		
56	55.1	41.8	62.8		





#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20 min Scan# 1372
 Delta R.T. 0.00 min
 Lab File: VL035534.D
 Acq: 3 Sep 2020 17:12

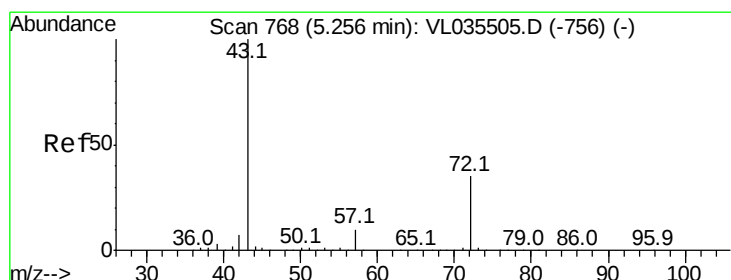
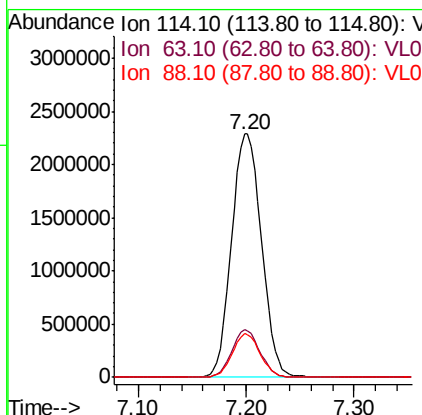
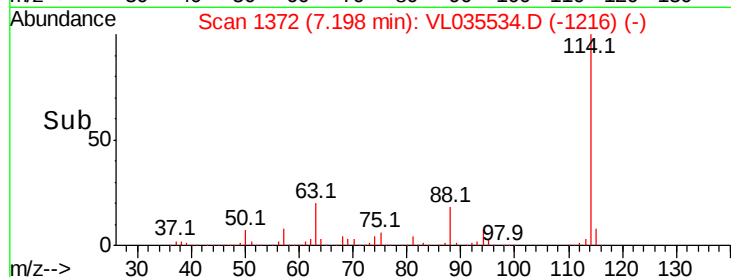
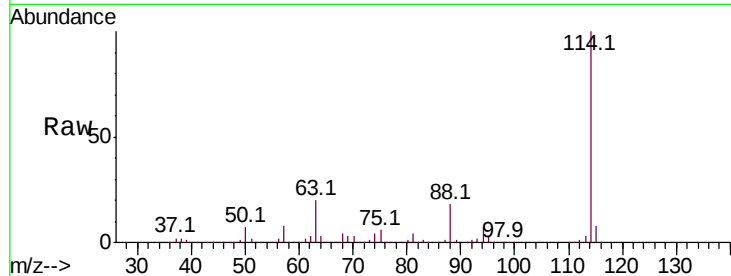
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1DL

Tot Ion:114 Resp: 4434332

Ion	Ratio	Lower	Upper
114	100		
63	18.4	14.7	22.1
88	16.7	13.4	20.2

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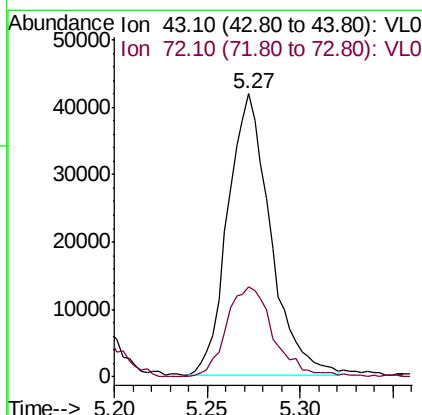
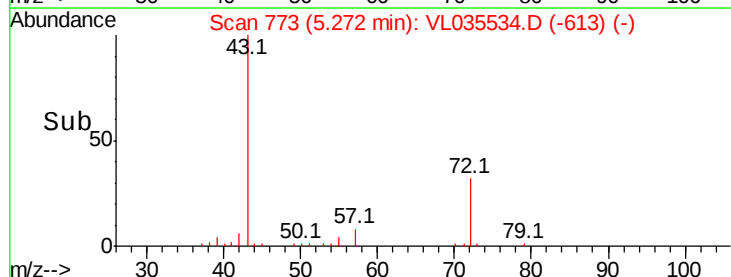
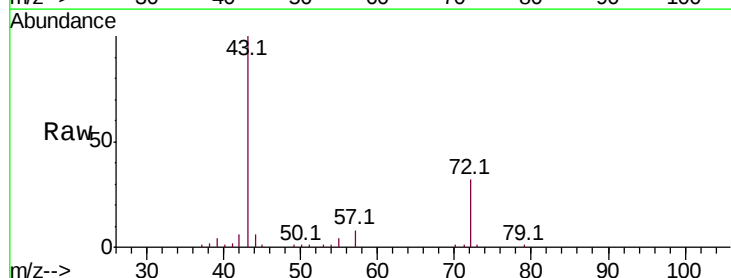
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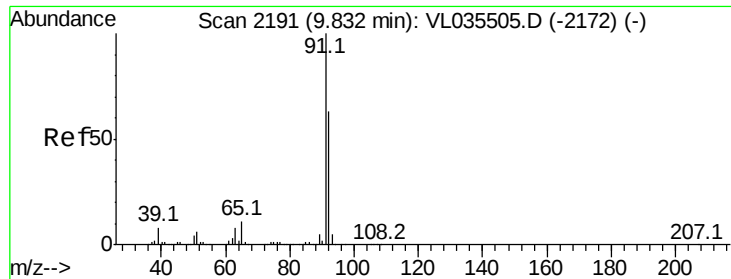


#34
 2-Butanone
 Concen: 0.510 ppbv
 RT: 5.27 min Scan# 773
 Delta R.T. 0.02 min
 Lab File: VL035534.D
 Acq: 3 Sep 2020 17:12

Tgt Ion: 43 Resp: 67086

Ion	Ratio	Lower	Upper
43	100		
72	35.4	27.7	41.5





#53

Toluene

Concen: 0.254 ppbv

RT: 9.83 min Scan# 2192

Delta R.T. 0.00 min

Lab File: VL035534.D

Acq: 3 Sep 2020 17:12

Instrument :

MSVOA_L

ClientSampled :

IA-1DL

Tot Ion: 91 Resp: 91565

Ion Ratio Lower Upper

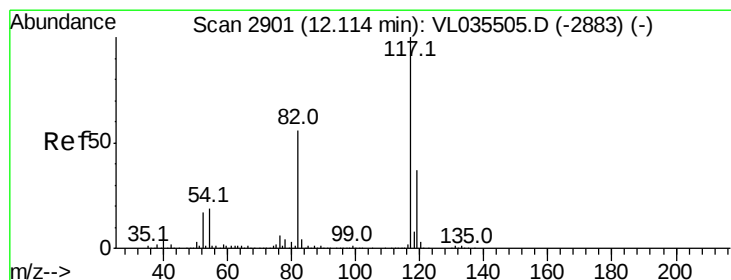
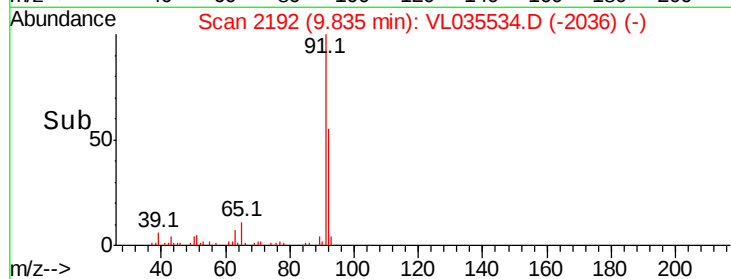
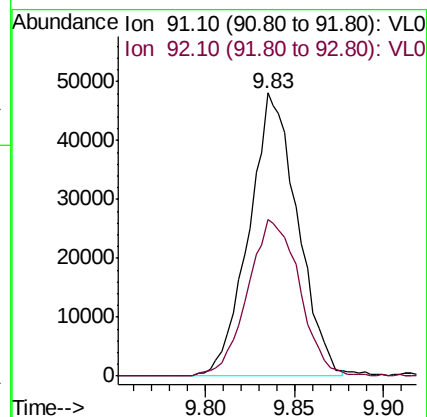
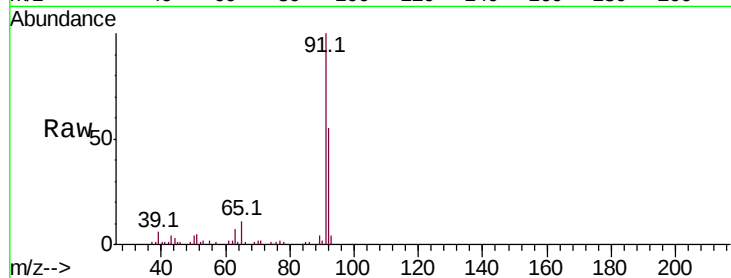
91 100

92 59.0 49.8 74.8

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.12 min Scan# 2903

Delta R.T. 0.01 min

Lab File: VL035534.D

Acq: 3 Sep 2020 17:12

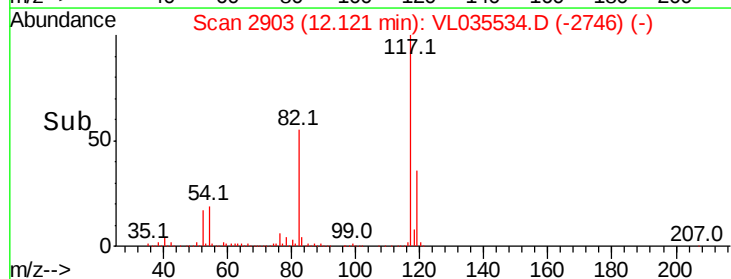
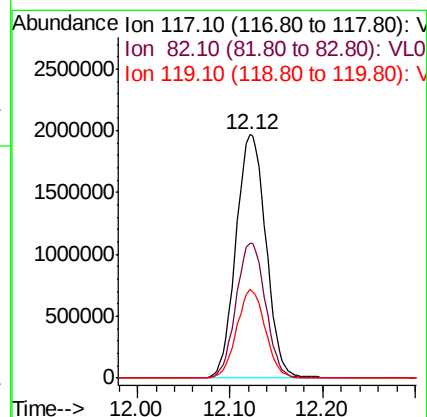
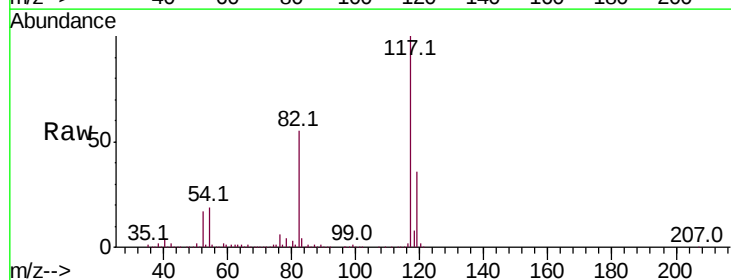
Tgt Ion: 117 Resp: 4426422

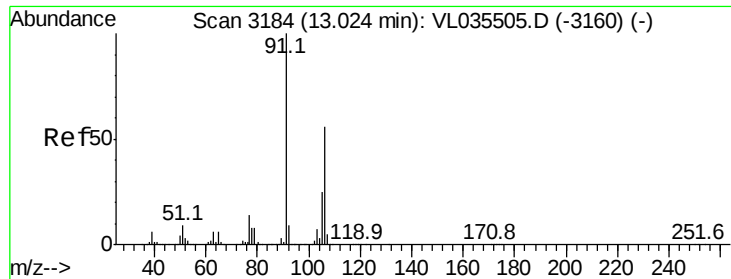
Ion Ratio Lower Upper

117 100

82 54.7 41.6 62.4

119 34.8 29.3 43.9





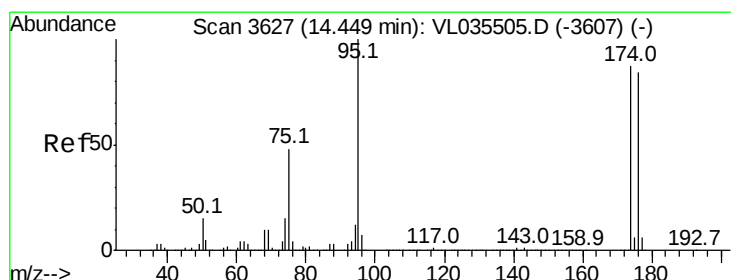
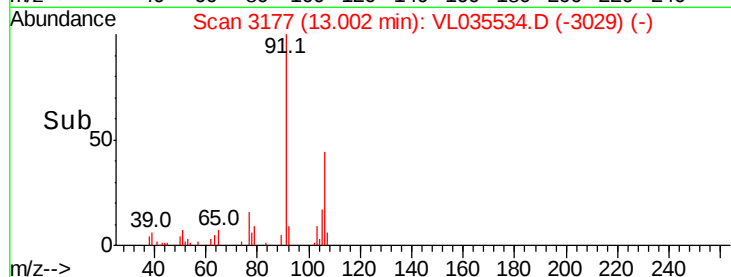
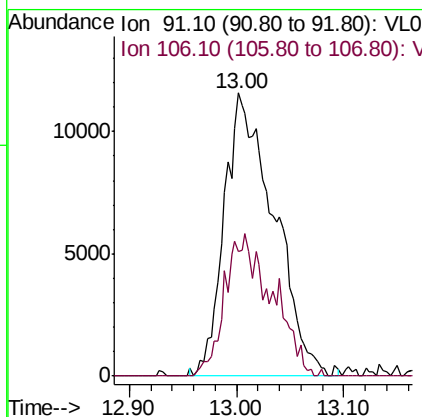
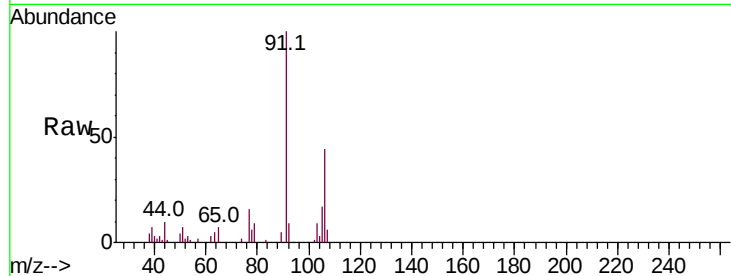
#59
m/p-Xylene
Concen: 0.098 ppbv m
RT: 13.00 min Scan# 3177
Delta R.T. -0.02 min
Lab File: VL035534.D
Acq: 3 Sep 2020 17:12

Instrument :
MSVOA_L
ClientSampled :
IA-1DL

Tot Ion: 91 Resp: 37219
Ion Ratio Lower Upper
91 100
106 0.0 43.4 65.2#

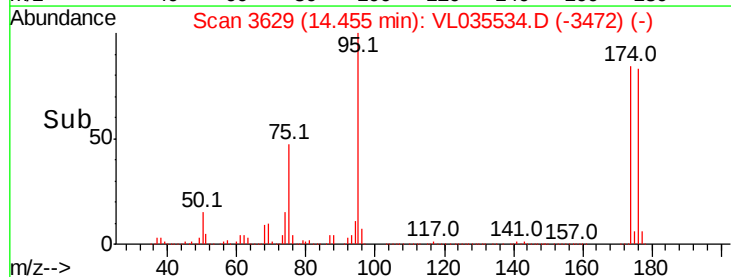
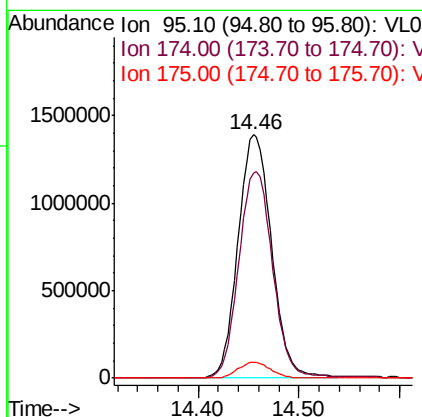
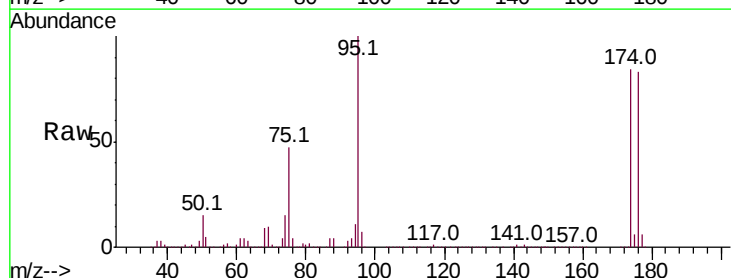
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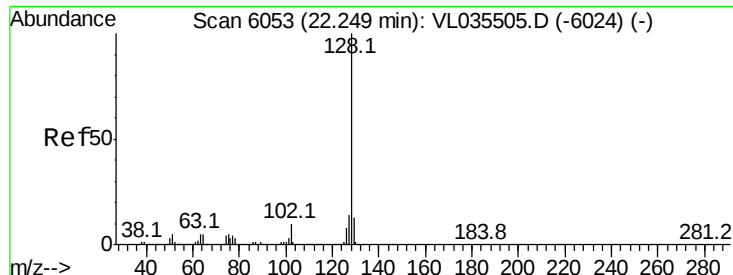
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.207 ppbv
RT: 14.46 min Scan# 3629
Delta R.T. 0.01 min
Lab File: VL035534.D
Acq: 3 Sep 2020 17:12

Tgt Ion: 95 Resp: 3208553
Ion Ratio Lower Upper
95 100
174 86.5 69.6 104.4
175 6.3 5.1 7.7





#79

Naphthalene

Concen: 0.136 ppbv m

RT: 22.27 min Scan# 6058

Delta R.T. 0.02 min

Lab File: VL035534.D

Acq: 3 Sep 2020 17:12

Instrument :

MSVOA_L

ClientSampleId :

IA-1DL

Tot Ion:	128	Resp:	74975
Ion Ratio	Lower	Upper	
128	100		
127	13.1	11.4	17.2
129	8.5	10.5	15.7#

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