

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090320\
 Data File : VL035545.D
 Acq On : 4 Sep 2020 00:30
 Operator : SY/AP
 Sample : L3898-06DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-6DL

Manual Integrations
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 9/8/2020 5:13:02 PM

Quant Time: Sep 05 15:20:10 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 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	1062814	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	4536919	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	4532078	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	3291020	10.23	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	3.00	51	14443m	0.123	ppbv	
9) Propene	3.03	41	24648m	0.544	ppbv	
11) Trichlorofluoromethane	3.97	101	225573	0.840	ppbv	98
13) Ethanol	3.62	45	140791	12.531	ppbv	99
15) Acetone	3.86	43	1319618	11.258	ppbv	100
19) Isopropyl Alcohol	3.99	45	131864	1.886	ppbv #	93
20) Methylene Chloride	4.36	84	281404	3.223	ppbv	96
26) Hexane	5.71	57	117106	0.998	ppbv #	51
53) Toluene	9.84	91	90208	0.244	ppbv	96
79) Naphthalene	22.27	128	58809	0.104	ppbv #	92

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

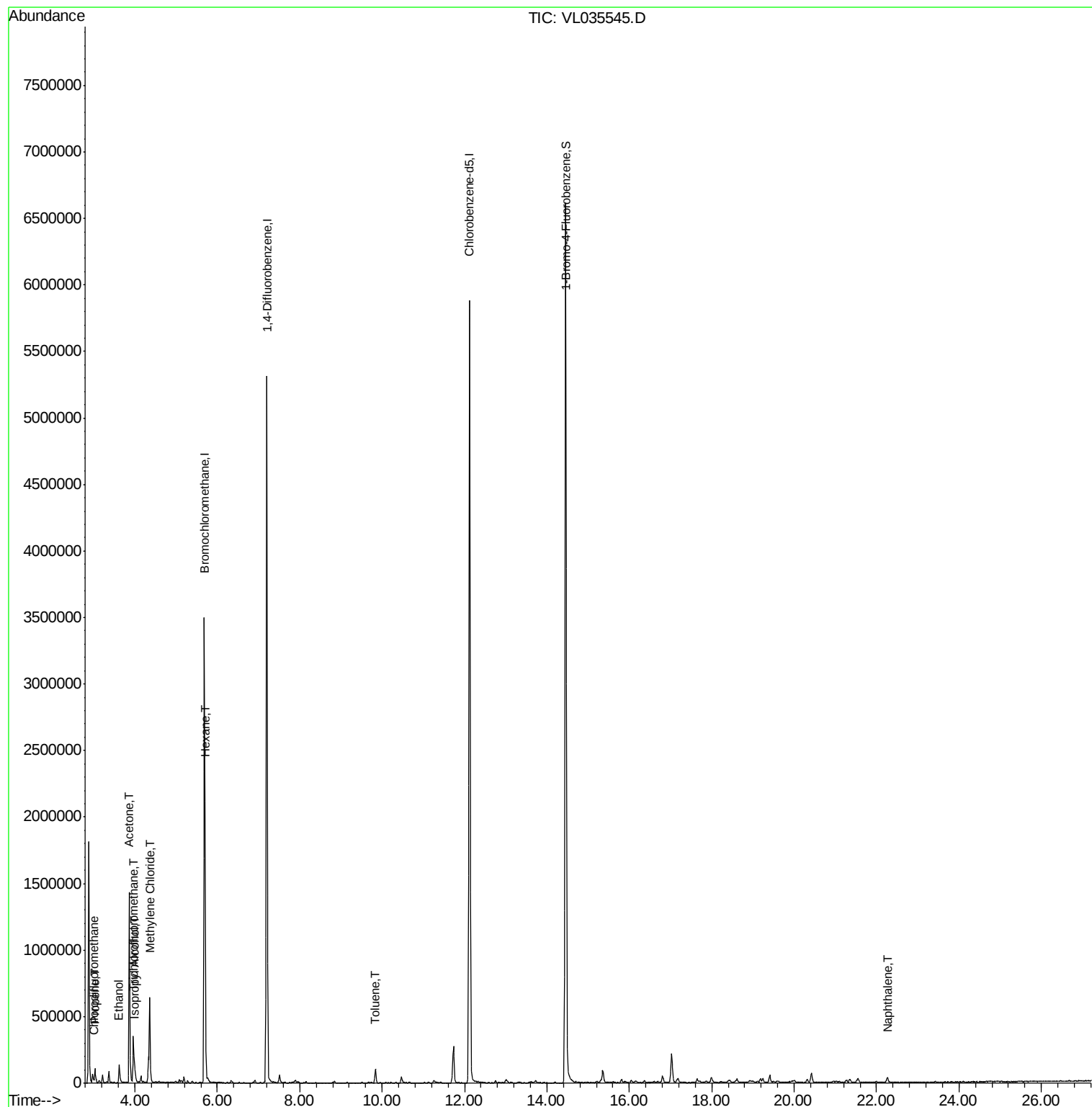
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL090320\
Data File : VL035545.D
Acq On : 4 Sep 2020 00:30
Operator : SY/AP
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Misc : 400ml/MSVOA L
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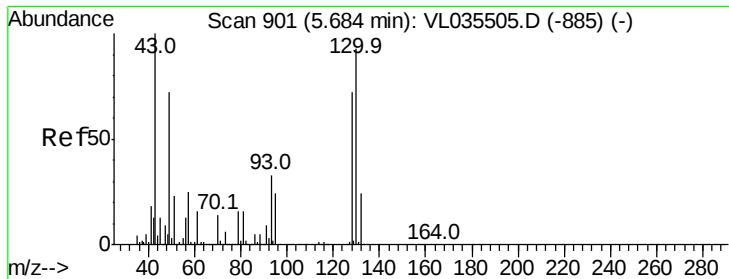
Instrument :
MSVOA_L
ClientSampleId :
IA-6DL

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Quant Time: Sep 05 15:20:10 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





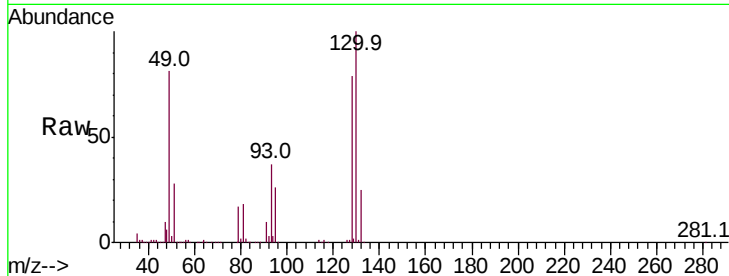
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.00 min
Lab File: VL035545.D
Acq: 4 Sep 2020 00:30

Instrument :
MSVOA_L
ClientSampleId :
IA-6DL

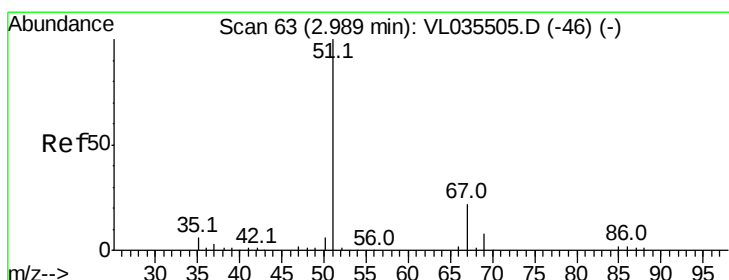
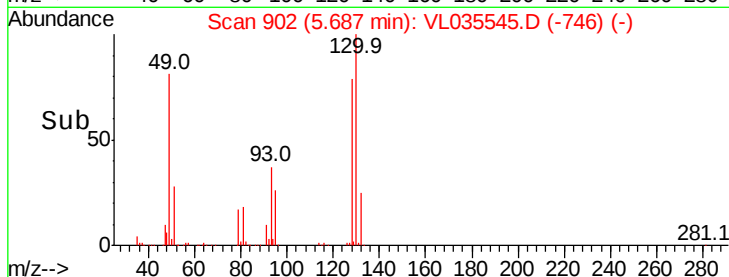
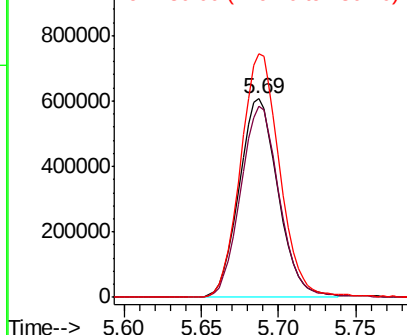
Tot Ion: 49 Resp: 1062814
Ion Ratio Lower Upper
49 100
128 96.6 50.0 150.1
130 124.1 64.4 193.2

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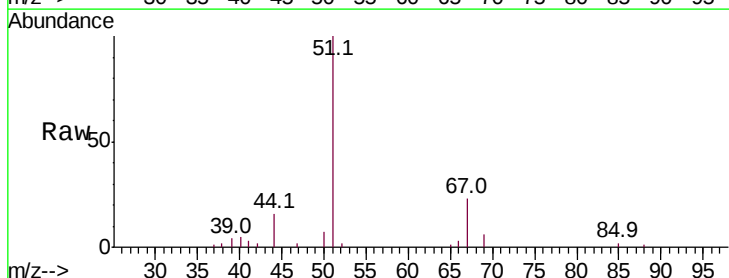


Abundance Ion 49.10 (48.80 to 49.80): VL0
Ion 128.00 (127.70 to 128.70): V
Ion 130.00 (129.70 to 130.70): V

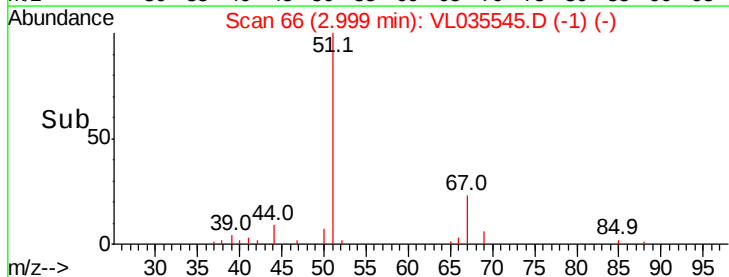
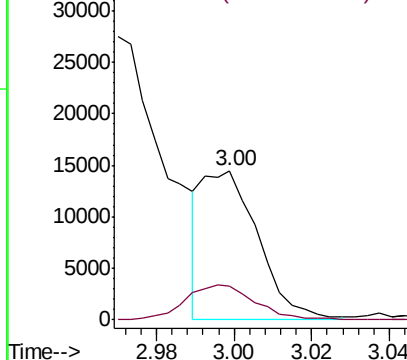


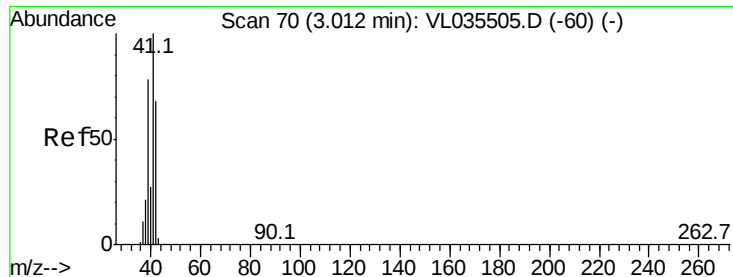
#3
Chlorodifluoromethane
Concen: 0.123 ppbv m
RT: 3.00 min Scan# 66
Delta R.T. 0.01 min
Lab File: VL035545.D
Acq: 4 Sep 2020 00:30

Tgt Ion: 51 Resp: 14443
Ion Ratio Lower Upper
51 100
67 29.9 17.8 26.8#



Abundance Ion 51.00 (50.70 to 51.70): VL0
Ion 67.00 (66.70 to 67.70): VL0





#9

Propene

Concen: 0.544 ppbv m

RT: 3.03 min Scan# 75

Delta R.T. 0.02 min

Lab File: VL035545.D

Acq: 4 Sep 2020 00:30

Instrument :

MSVOA_L

ClientSampleId :

IA-6DL

Tot Ion: 41 Resp: 24648

Ion Ratio Lower Upper

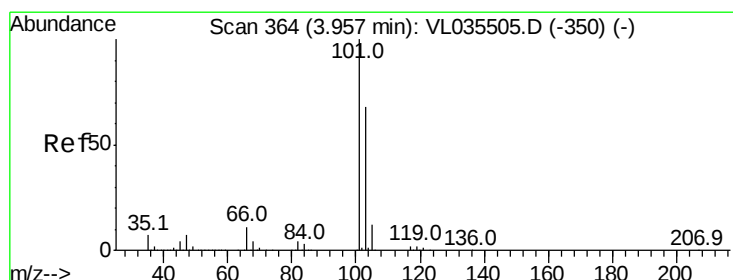
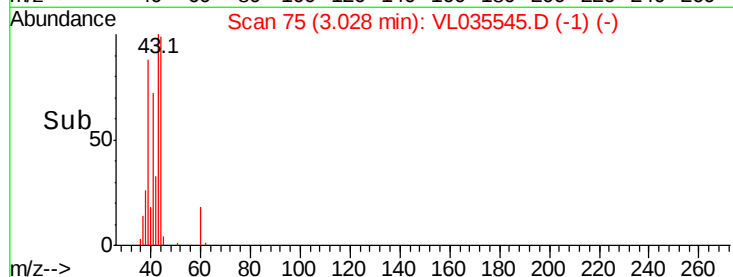
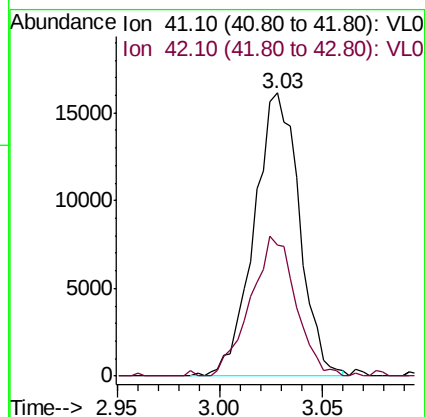
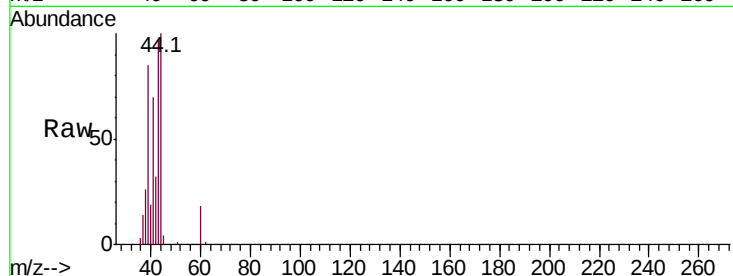
41 100

42 2.2 56.3 84.5#

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#11

Trichlorofluoromethane

Concen: 0.840 ppbv

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VL035545.D

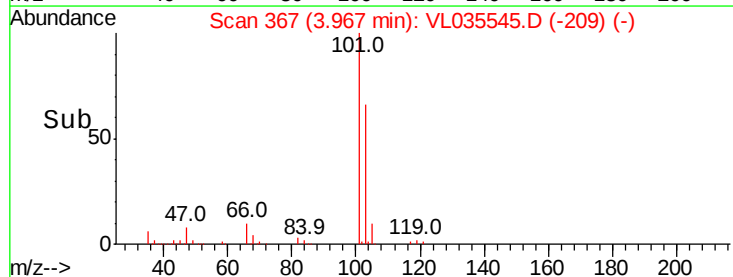
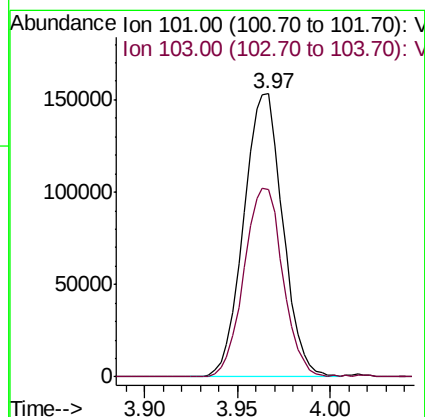
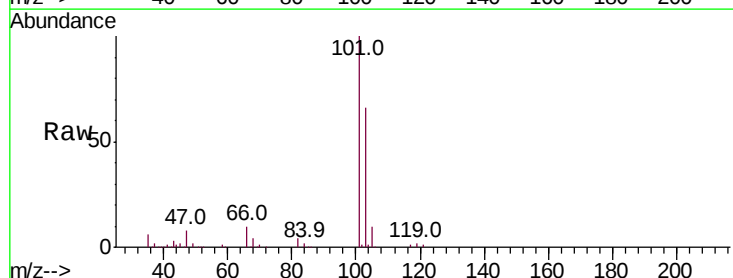
Acq: 4 Sep 2020 00:30

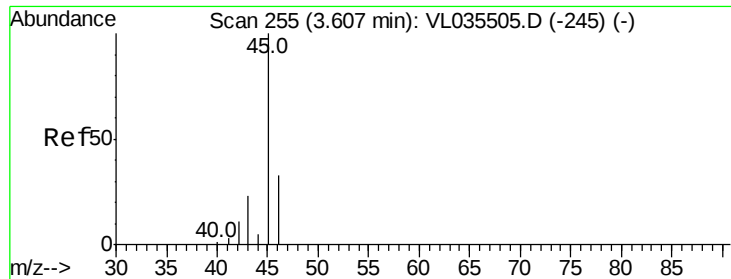
Tgt Ion: 101 Resp: 225573

Ion Ratio Lower Upper

101 100

103 66.2 54.5 81.7





#13

Ethanol

Concen: 12.531 ppbv

RT: 3.62 min Scan# 258

Delta R.T. 0.01 min

Lab File: VL035545.D

Acq: 4 Sep 2020 00:30

Instrument :

MSVOA_L

ClientSampled :

IA-6DL

Tot Ion: 45 Resp: 140791

Ion Ratio Lower Upper

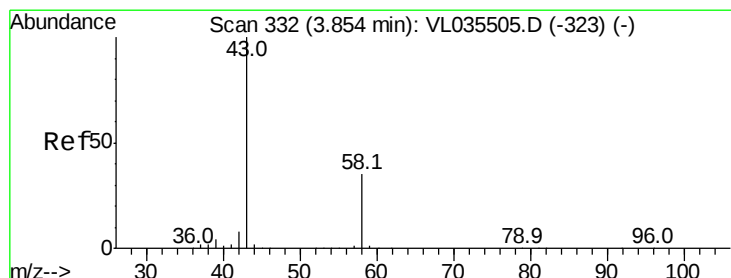
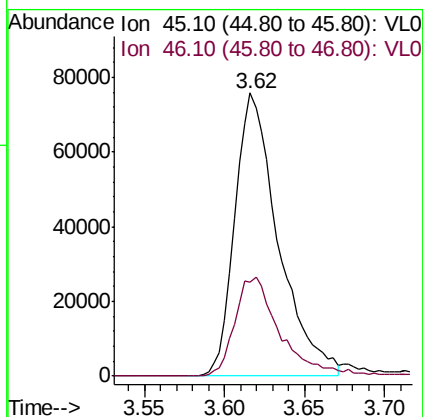
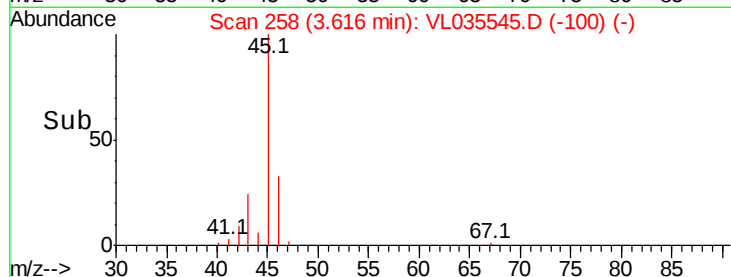
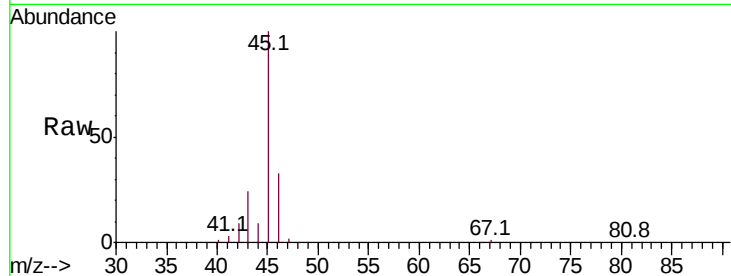
45 100

46 37.0 15.2 60.6

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#15

Acetone

Concen: 11.258 ppbv

RT: 3.86 min Scan# 334

Delta R.T. 0.01 min

Lab File: VL035545.D

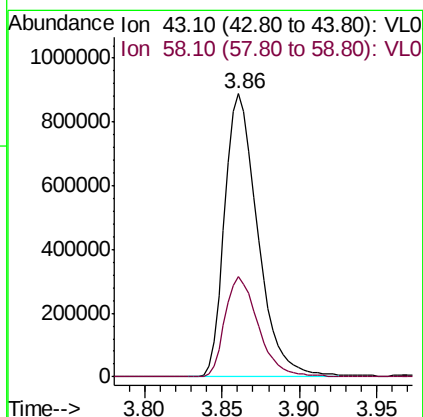
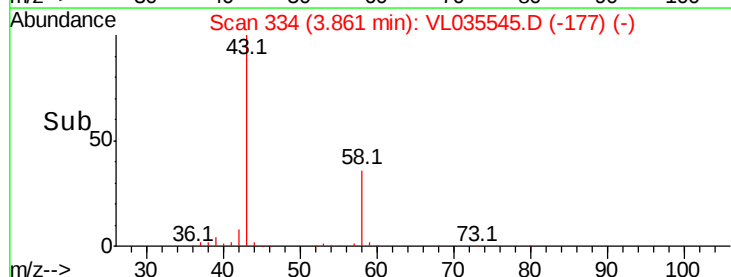
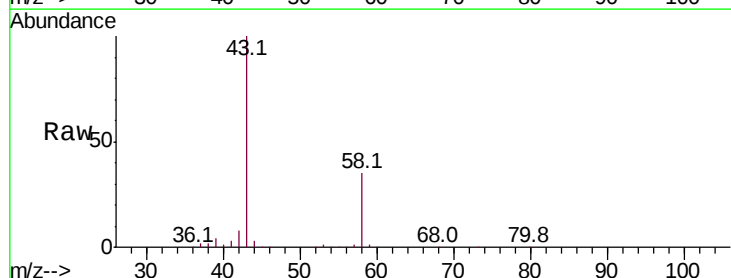
Acq: 4 Sep 2020 00:30

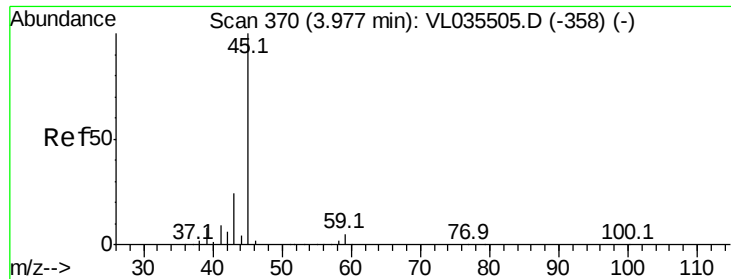
Tgt Ion: 43 Resp: 1319618

Ion Ratio Lower Upper

43 100

58 35.7 28.4 42.6





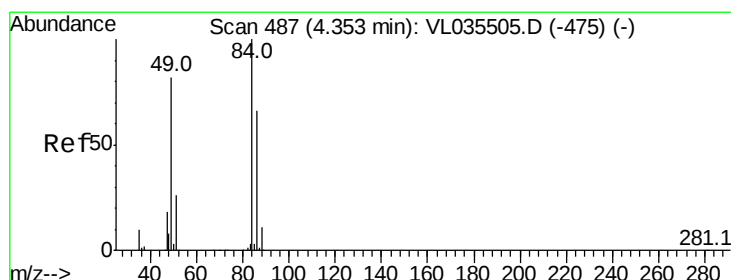
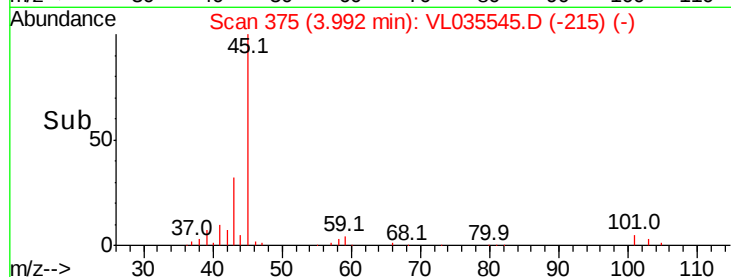
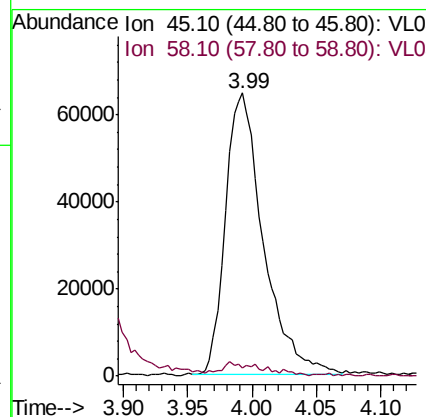
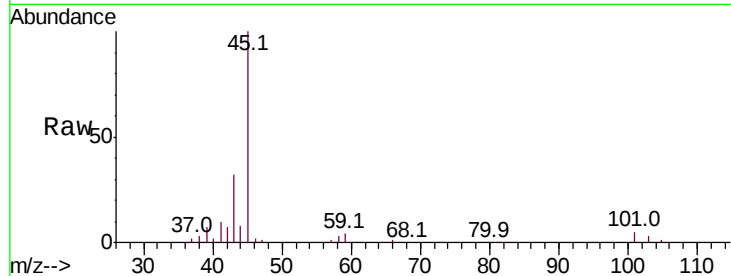
#19
Isopropyl Alcohol
Concen: 1.886 ppbv
RT: 3.99 min Scan# 375
Delta R.T. 0.02 min
Lab File: VL035545.D
Acq: 4 Sep 2020 00:30

Instrument :
MSVOA_L
ClientSampled :
IA-6DL

Tot Ion	Ratio	Lower	Upper
45	100		
58	0.0	2.0	3.0#

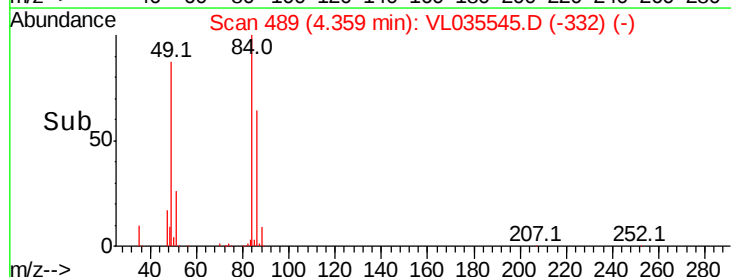
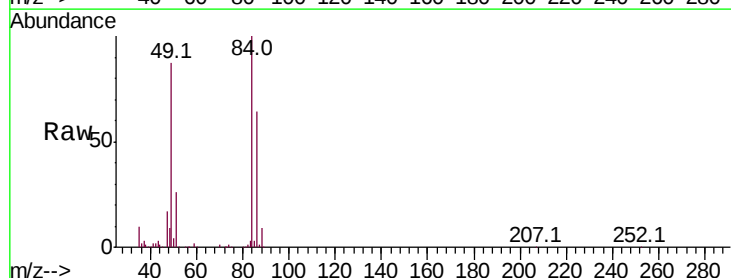
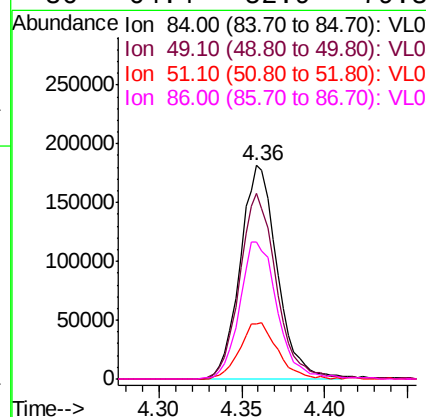
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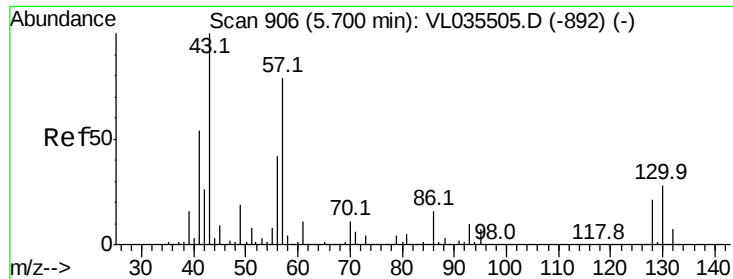
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#20
Methylene Chloride
Concen: 3.223 ppbv
RT: 4.36 min Scan# 489
Delta R.T. 0.01 min
Lab File: VL035545.D
Acq: 4 Sep 2020 00:30

Tgt Ion	Ratio	Lower	Upper
84	100		
49	86.7	65.4	98.0
51	25.4	21.5	32.3
86	64.4	52.9	79.3





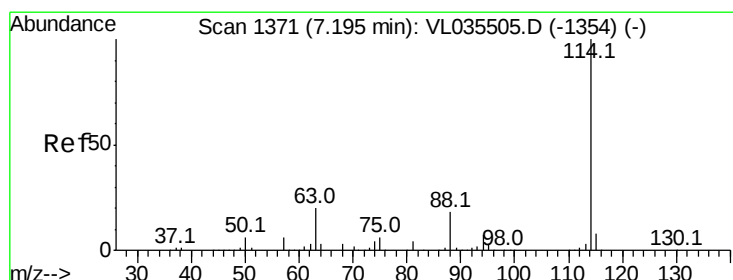
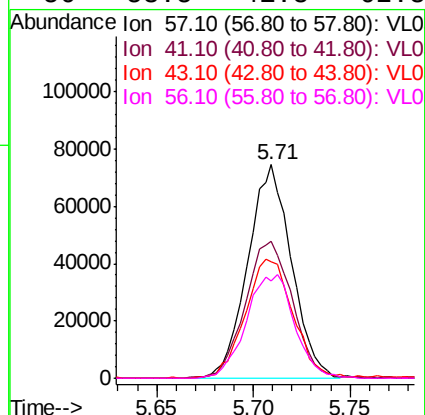
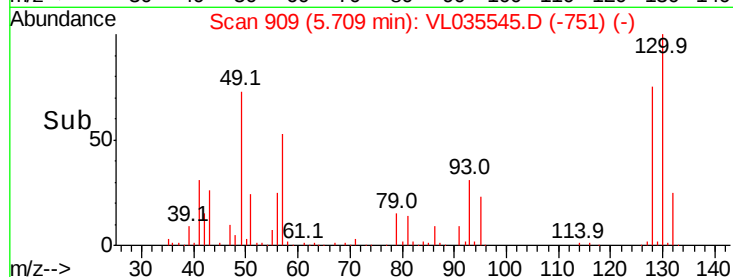
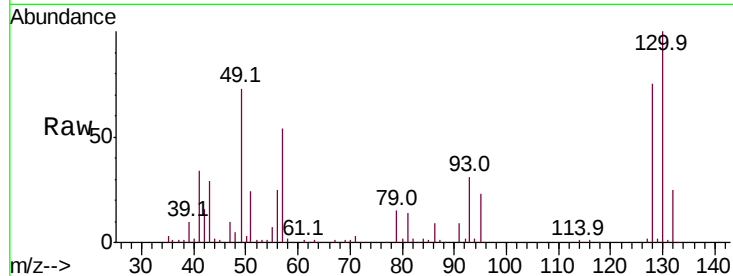
#26
Hexane
Concen: 0.998 ppbv
RT: 5.71 min Scan# 909
Delta R.T. 0.01 min
Lab File: VL035545.D
Acq: 4 Sep 2020 00:30

Instrument :
MSVOA_L
ClientSampled :
IA-6DL

Tot Ion: 57 Resp: 117106
Ion Ratio Lower Upper
57 100
41 69.3 55.9 83.9
43 62.7 141.8 212.8#
56 53.5 41.8 62.8

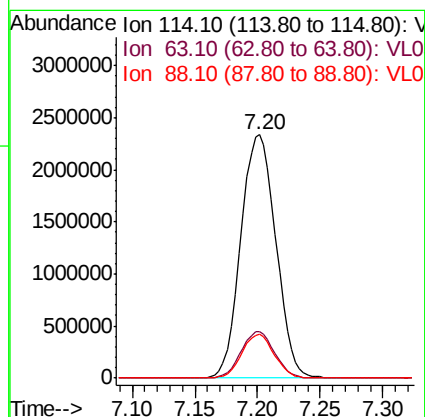
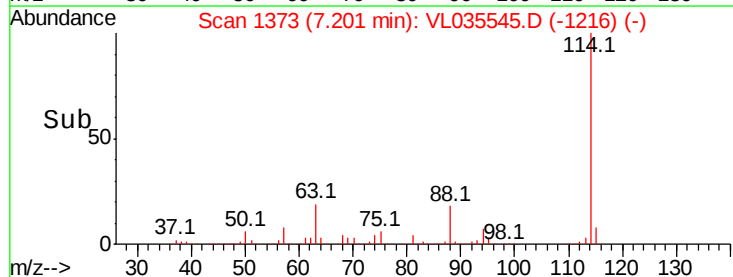
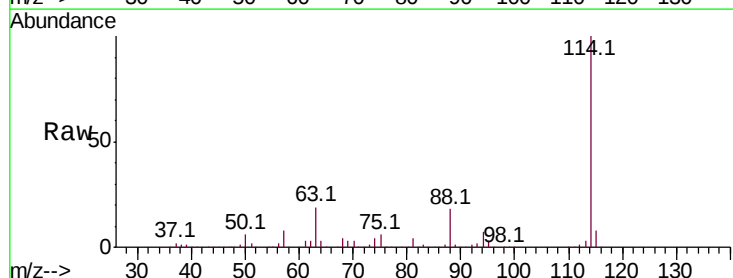
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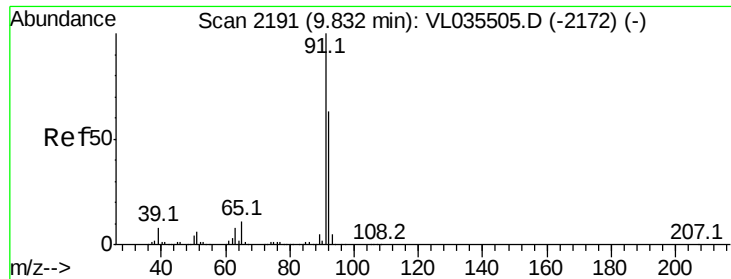
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1373
Delta R.T. 0.01 min
Lab File: VL035545.D
Acq: 4 Sep 2020 00:30

Tgt Ion:114 Resp: 4536919
Ion Ratio Lower Upper
114 100
63 18.4 14.7 22.1
88 16.8 13.4 20.2





#53

Toluene

Concen: 0.244 ppbv

RT: 9.84 min Scan# 2193

Delta R.T. 0.01 min

Lab File: VL035545.D

Acq: 4 Sep 2020 00:30

Instrument :

MSVOA_L

ClientSampled :

IA-6DL

Tot Ion: 91 Resp: 90208

Ion Ratio Lower Upper

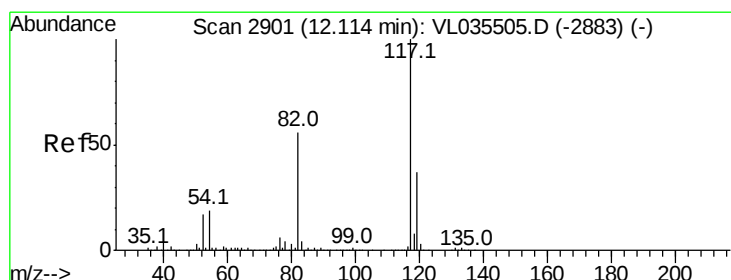
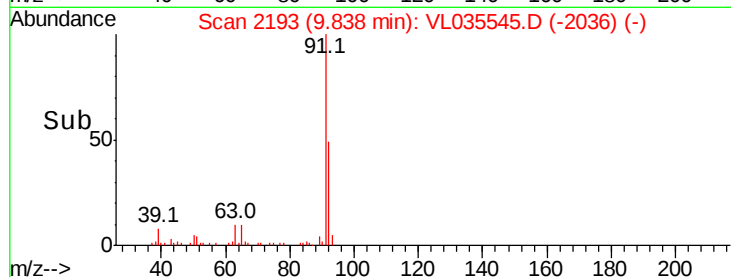
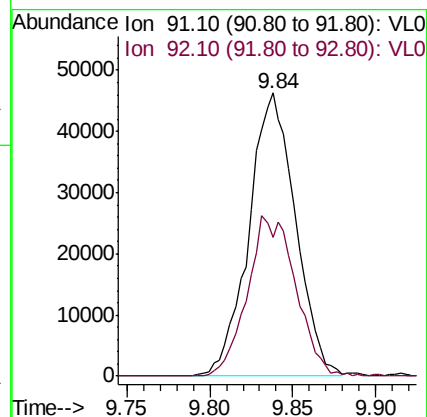
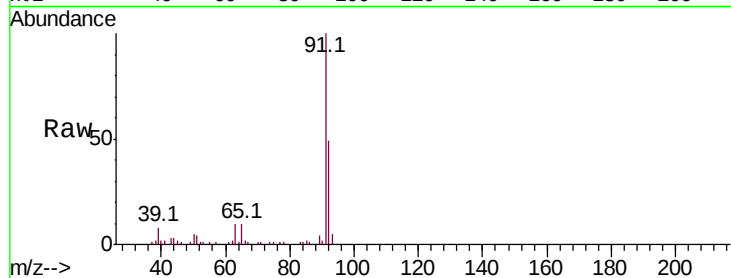
91 100

92 58.8 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: VL035545.D

Acq: 4 Sep 2020 00:30

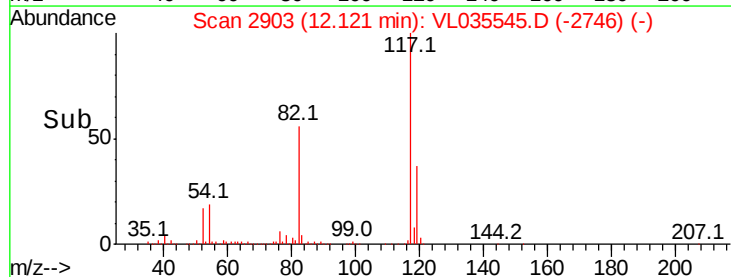
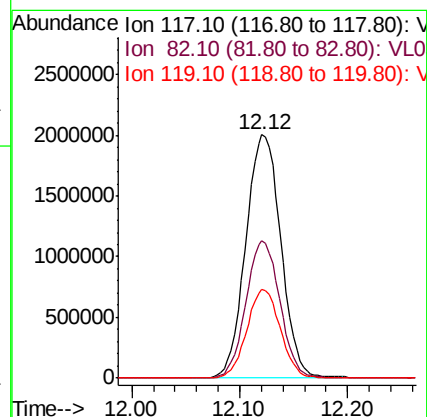
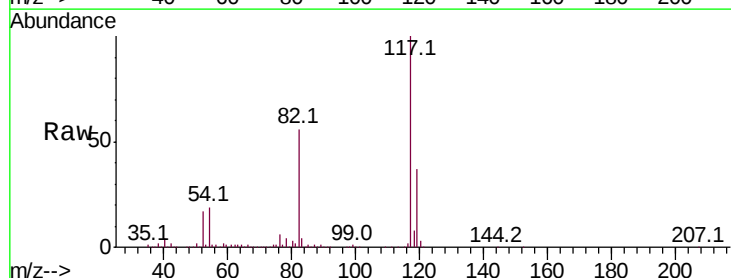
Tgt Ion: 117 Resp: 4532078

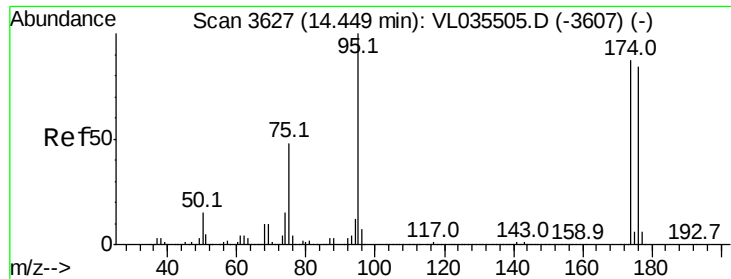
Ion Ratio Lower Upper

117 100

82 55.0 41.6 62.4

119 35.0 29.3 43.9





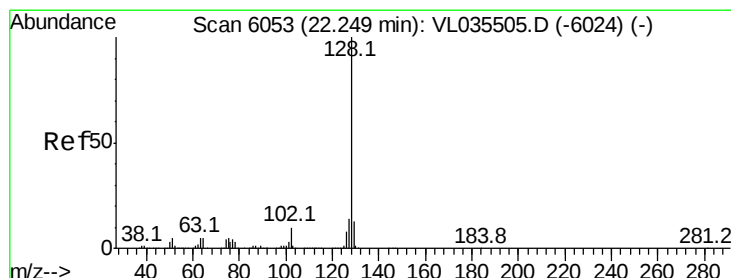
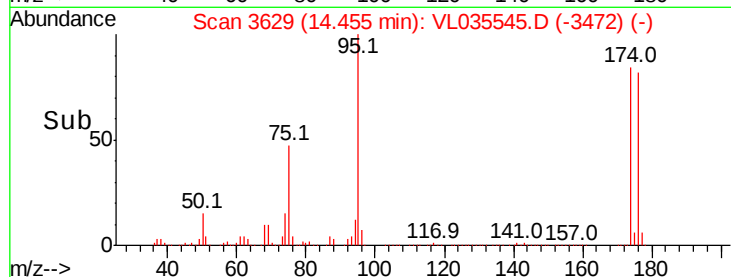
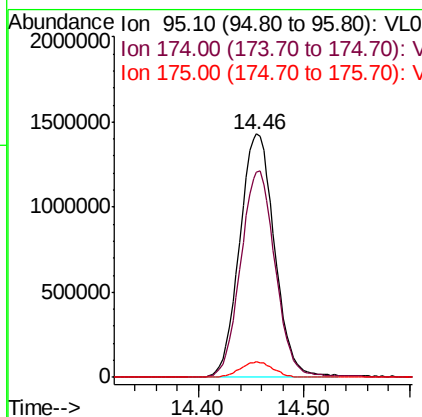
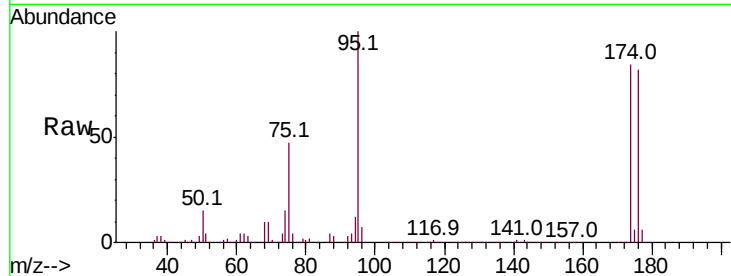
#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.225 ppbv
 RT: 14.46 min Scan# 3629
 Delta R.T. 0.01 min
 Lab File: VL035545.D
 Acq: 4 Sep 2020 00:30

Instrument :
 MSVOA_L
 ClientSampleID :
 IA-6DL

Tot Ion: 95 Resp: 3291020
 Ion Ratio Lower Upper
 95 100
 174 84.9 69.6 104.4
 175 6.2 5.1 7.7

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#79
 Naphthalene
 Concen: 0.104 ppbv
 RT: 22.27 min Scan# 6059
 Delta R.T. 0.02 min
 Lab File: VL035545.D
 Acq: 4 Sep 2020 00:30

Tgt Ion: 128 Resp: 58809
 Ion Ratio Lower Upper
 128 100
 127 12.3 11.4 17.2
 129 8.4 10.5 15.7#

