

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120820\
 Data File : VL036112.D
 Acq On : 9 Dec 2020 2:18
 Operator : SY/AP
 Sample : L4948-10DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-7BDL

Manual Integrations
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 12/11/2020 12:23:58 PM

Quant Time: Dec 14 22:22:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 0
 QLast Update : Mon Dec 07 16:56:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1133553	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.18	114	2449869	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.10	117	2216554	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	1885401	10.71	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
11) Trichlorofluoromethane	3.95	101	24741	0.159	ppbv	92
13) Ethanol	3.61	45	105049m	11.762	ppbv	
15) Acetone	3.86	43	420913	3.090	ppbv	99
17) tert-Butyl alcohol	4.31	59	39081m	0.296	ppbv	
19) Isopropyl Alcohol	3.99	45	28605m	0.344	ppbv	
20) Methylene Chloride	4.35	84	30831	0.552	ppbv #	90
30) Cyclohexane	7.13	84	24068m	0.267	ppbv	
53) Toluene	9.81	91	33194m	0.142	ppbv	
59) m/p-Xylene	12.98	91	86669m	0.339	ppbv	
60) o-Xylene	13.70	91	33023m	0.137	ppbv	

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

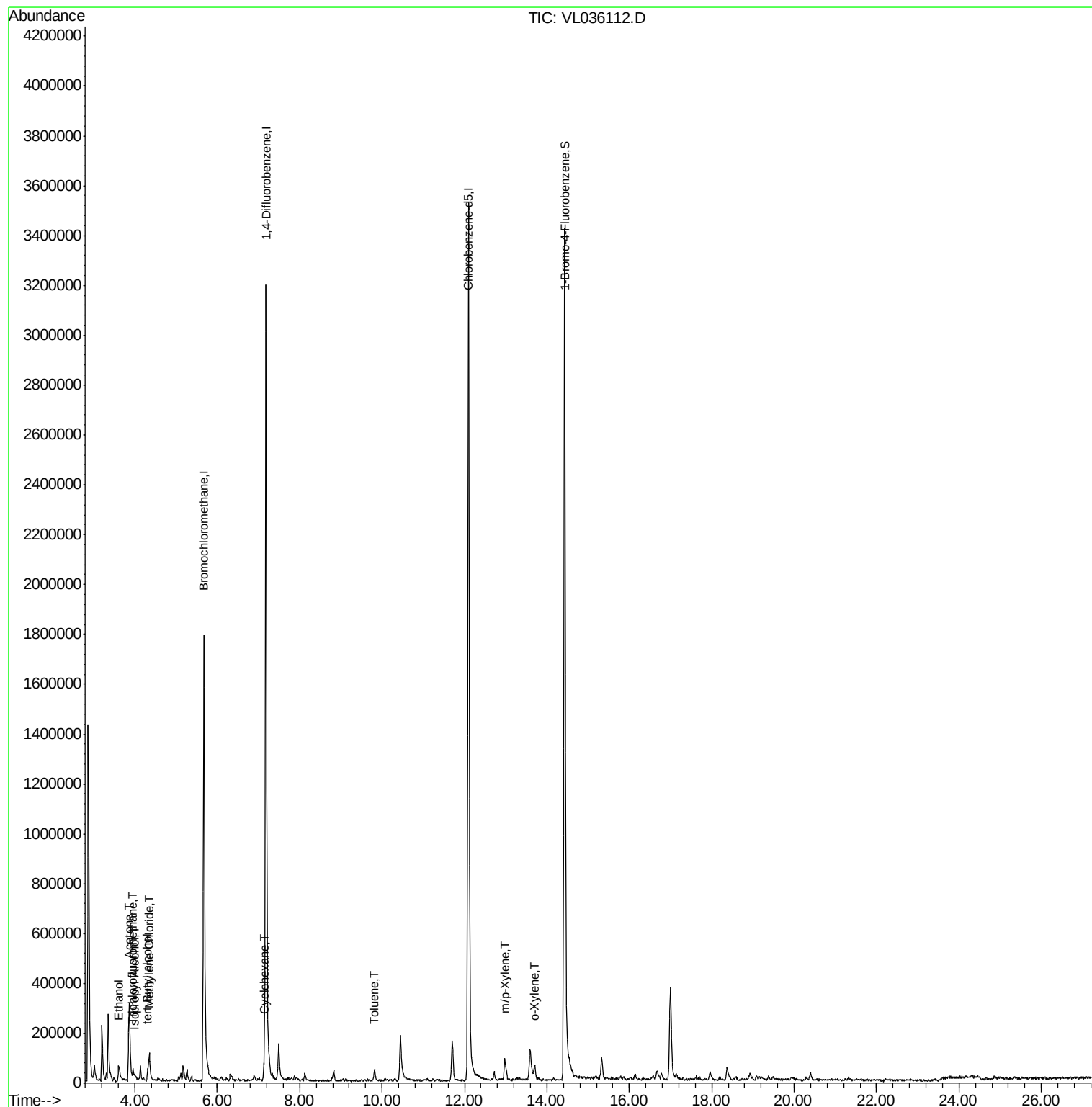
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL120820\
Data File : VL036112.D
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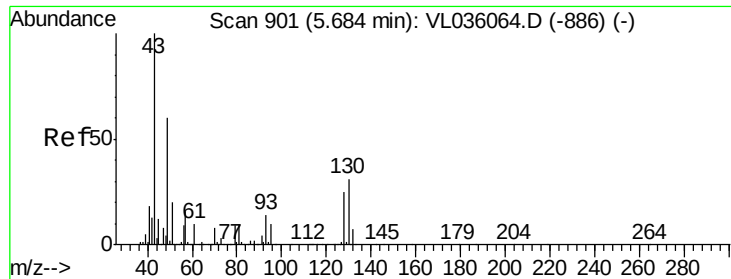
Instrument :
MSVOA_L
ClientSampleId :
SS-7BDL

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Quant Time: Dec 14 22:22:37 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. -0.01 min

Lab File: VL036112.D

Acq: 9 Dec 2020 2:18

Instrument :

MSVOA_L

ClientSampleId :

SS-7BDL

Tot Ion: 49 Resp: 1133553

Ion Ratio Lower Upper

49 100

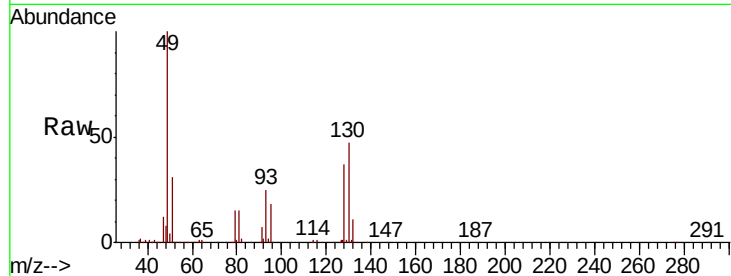
128 37.7 21.1 63.1

130 50.3 27.1 81.3

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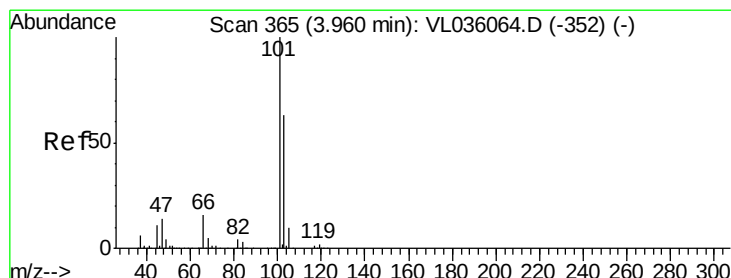
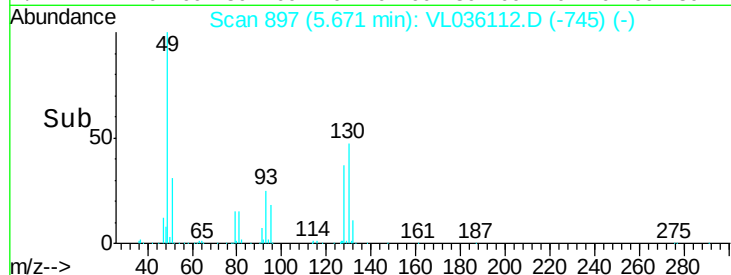
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V

5.67

Time-->



#11

Trichlorofluoromethane

Concen: 0.159 ppbv

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VL036112.D

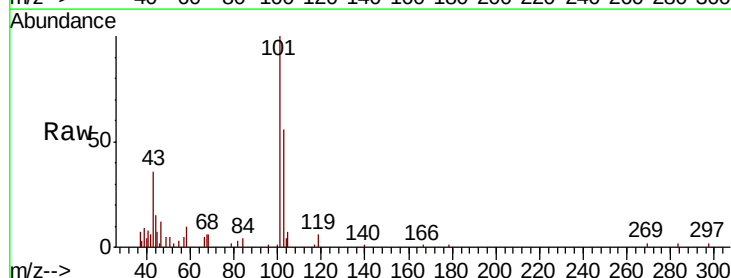
Acq: 9 Dec 2020 2:18

Tgt Ion:101 Resp: 24741

Ion Ratio Lower Upper

101 100

103 56.4 50.3 75.5

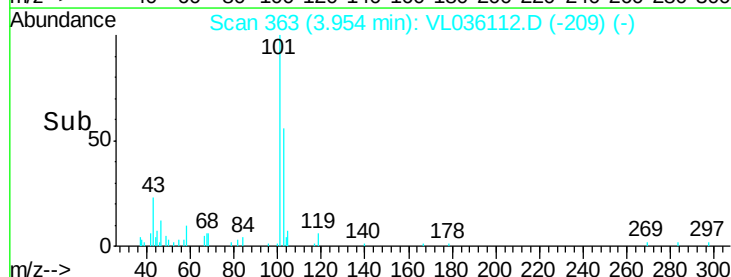


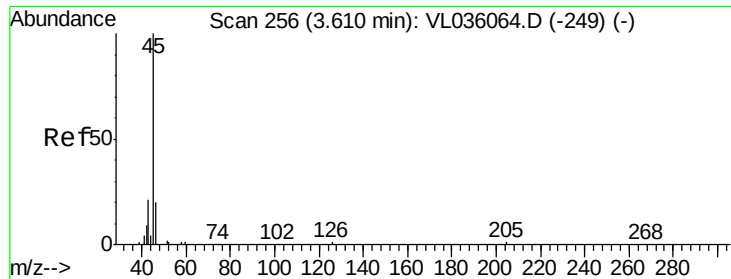
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

3.95

Time-->





#13

Ethanol

Concen: 11.762 ppbv m

RT: 3.61 min Scan# 255

Delta R.T. -0.00 min

Lab File: VL036112.D

Acq: 9 Dec 2020 2:18

Instrument :

MSVOA_L

ClientSampleId :

SS-7BDL

Tot Ion: 45 Resp: 105049

Ion Ratio Lower Upper

45 100

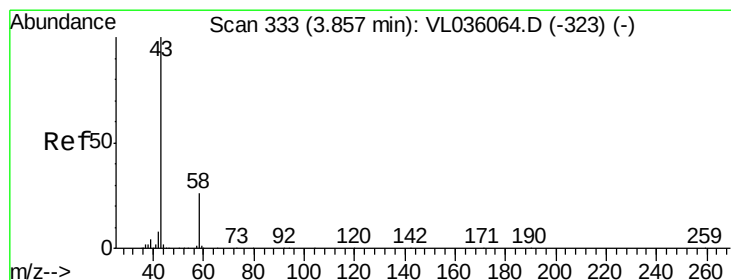
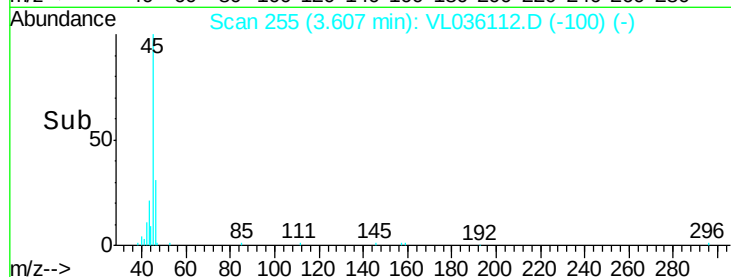
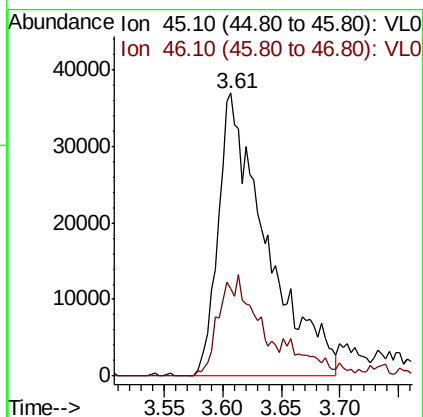
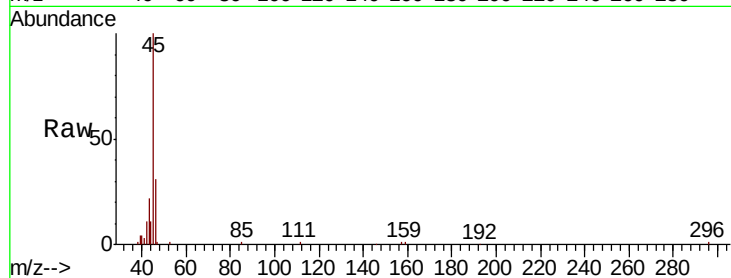
46 0.0 19.0 75.8#

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#15

Acetone

Concen: 3.090 ppbv

RT: 3.86 min Scan# 333

Delta R.T. 0.00 min

Lab File: VL036112.D

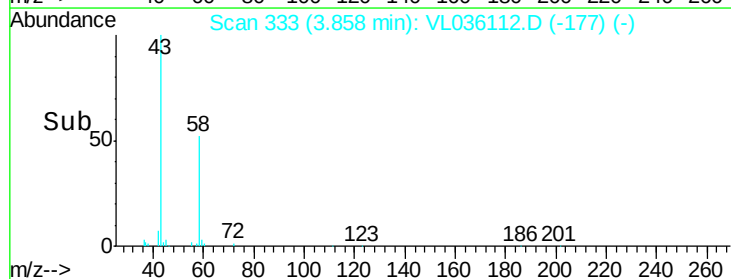
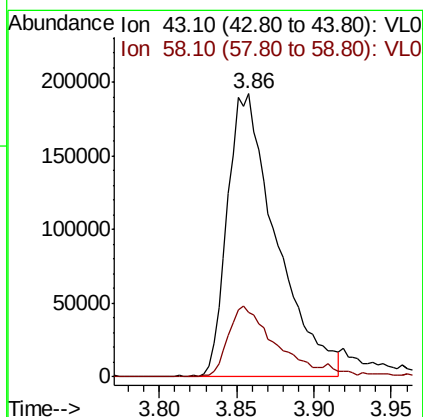
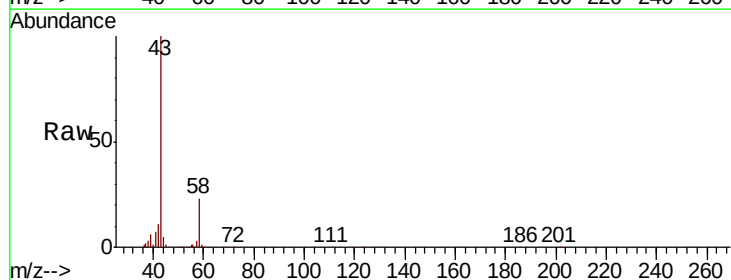
Acq: 9 Dec 2020 2:18

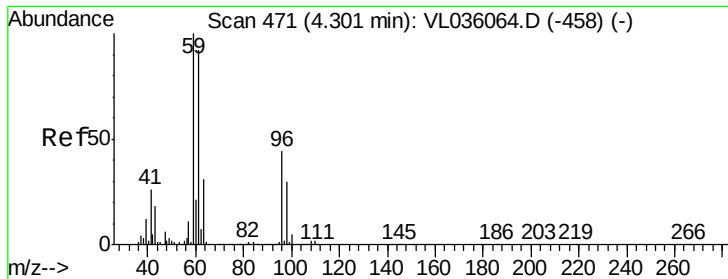
Tgt Ion: 43 Resp: 420913

Ion Ratio Lower Upper

43 100

58 26.8 20.9 31.3





#17

tert-Butyl alcohol

Concen: 0.296 ppbv m

RT: 4.31 min Scan# 475

Delta R.T. 0.01 min

Lab File: VL036112.D

Acq: 9 Dec 2020 2:18

Instrument :

MSVOA_L

ClientSampled :

SS-7BDL

Tot Ion: 59 Resp: 39081

Ion Ratio Lower Upper

59 100

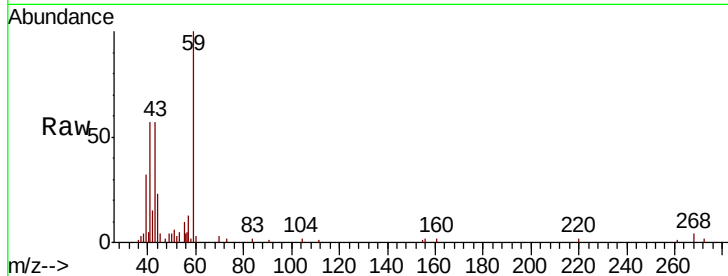
57 12.6 8.7 13.1

Manual Integrations

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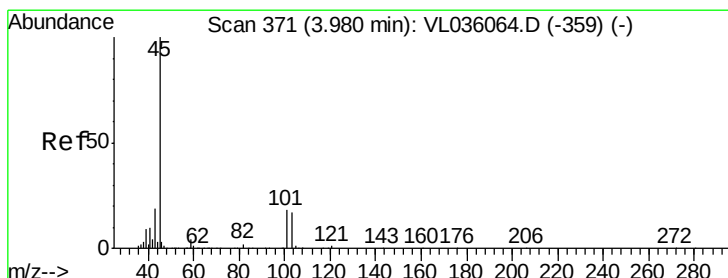
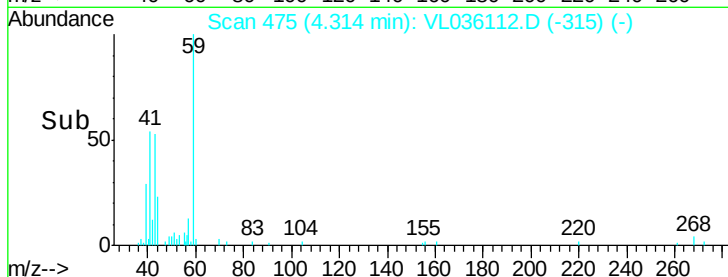
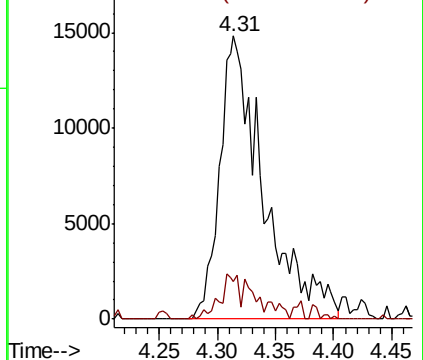
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Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



#19

Isopropyl Alcohol

Concen: 0.344 ppbv m

RT: 3.99 min Scan# 374

Delta R.T. 0.01 min

Lab File: VL036112.D

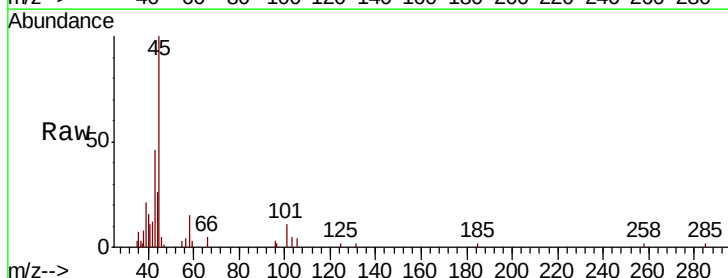
Acq: 9 Dec 2020 2:18

Tgt Ion: 45 Resp: 28605

Ion Ratio Lower Upper

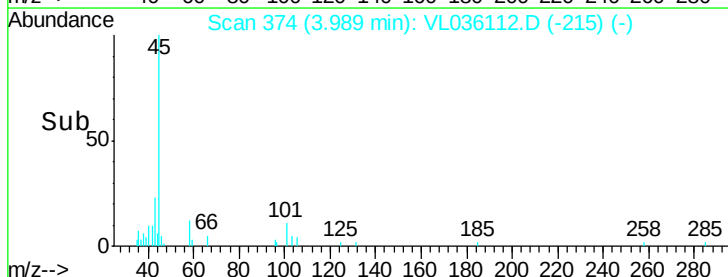
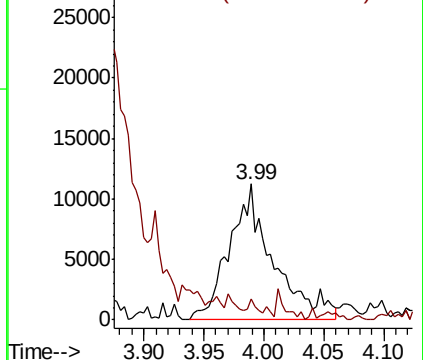
45 100

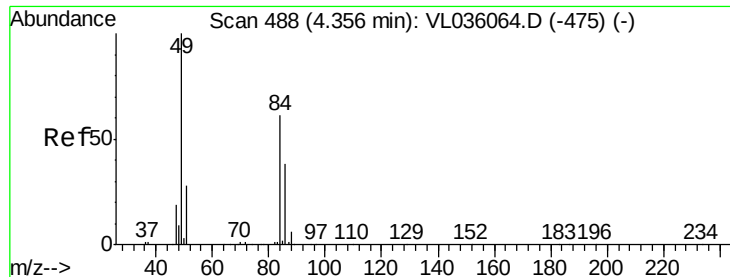
58 0.0 0.0 0.0



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





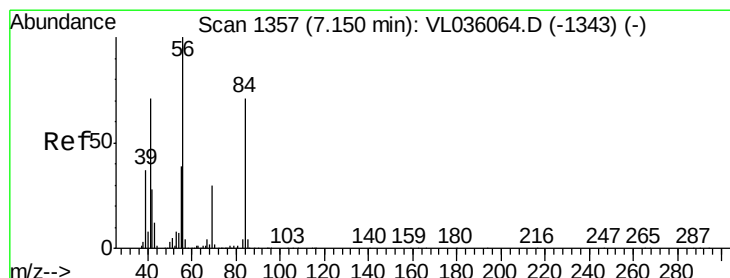
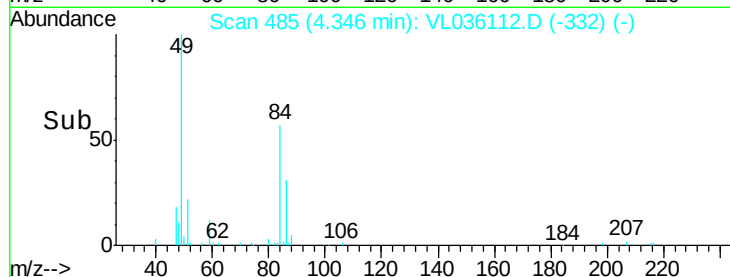
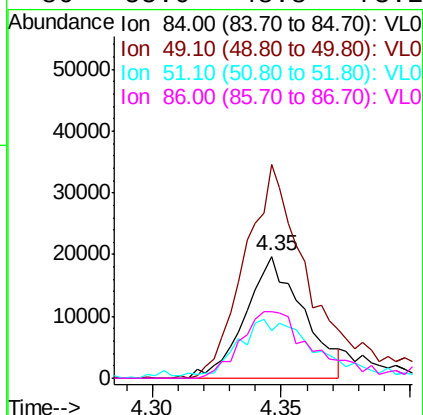
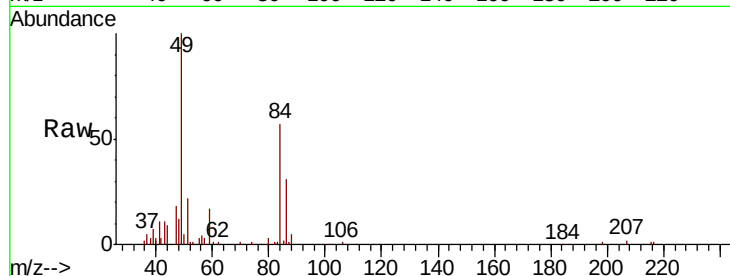
#20
Methvlene Chloride
Concen: 0.552 ppbv
RT: 4.35 min Scan# 485
Delta R.T. -0.01 min
Lab File: VL036112.D
Acq: 9 Dec 2020 2:18

Instrument :
MSVOA_L
ClientSampleId :
SS-7BDL

Tot Ion	84	Resp	30831
Ion	Ratio	Lower	Upper
84	100		
49	175.2	133.0	199.4
51	32.4	38.9	58.3#
86	55.0	48.8	73.2

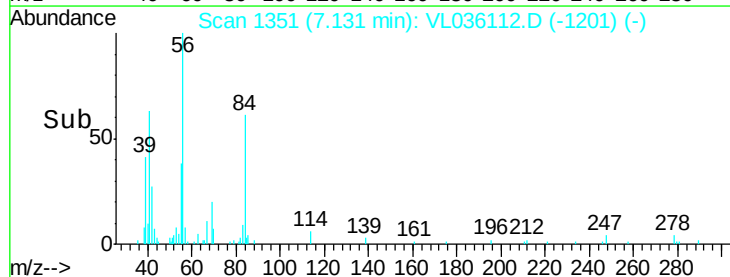
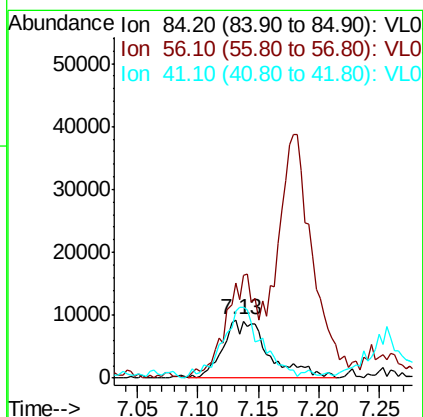
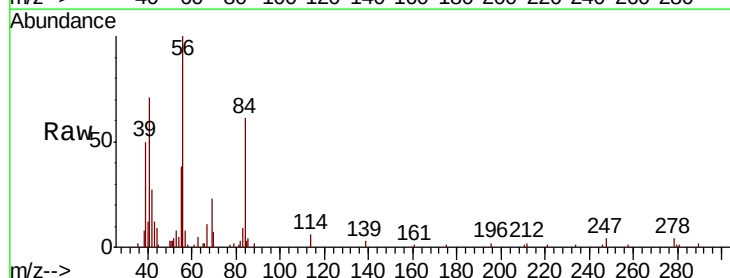
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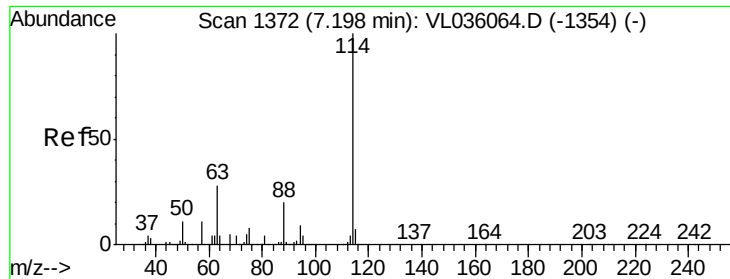
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#30
Cyclohexane
Concen: 0.267 ppbv m
RT: 7.13 min Scan# 1351
Delta R.T. -0.02 min
Lab File: VL036112.D
Acq: 9 Dec 2020 2:18

Tgt Ion	84	Resp	24068
Ion	Ratio	Lower	Upper
84	100		
56	0.0	128.0	192.0#
41	0.0	81.3	121.9#





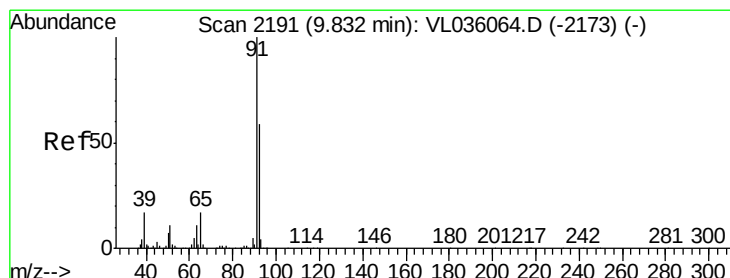
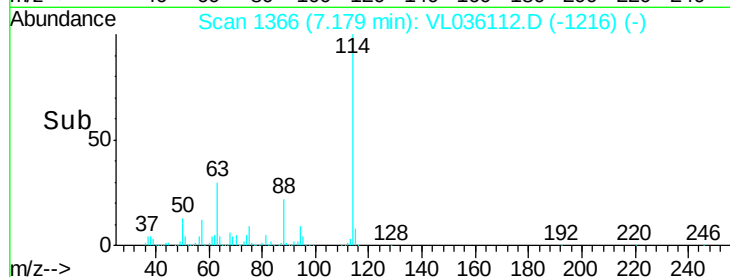
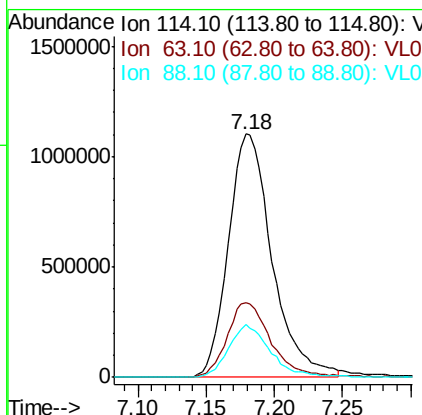
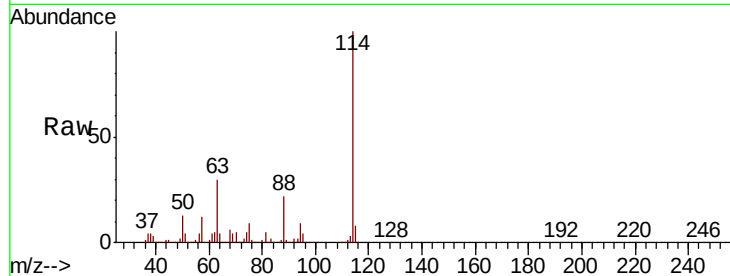
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. -0.02 min
 Lab File: VL036112.D
 Acq: 9 Dec 2020 2:18

Instrument :
 MSVOA_L
 ClientSampled :
 SS-7BDL

Tot Ion	Ratio	Lower	Upper
114	100		
63	31.5	23.6	35.4
88	21.2	15.8	23.6

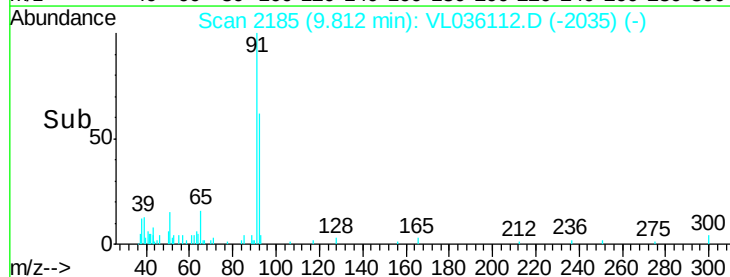
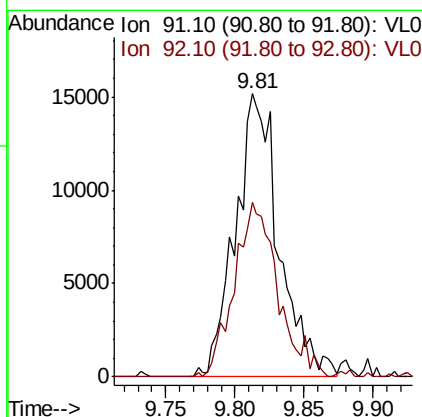
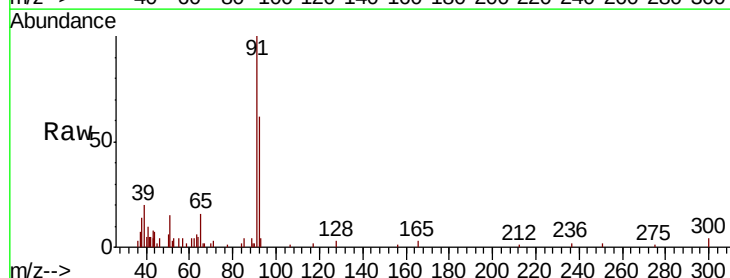
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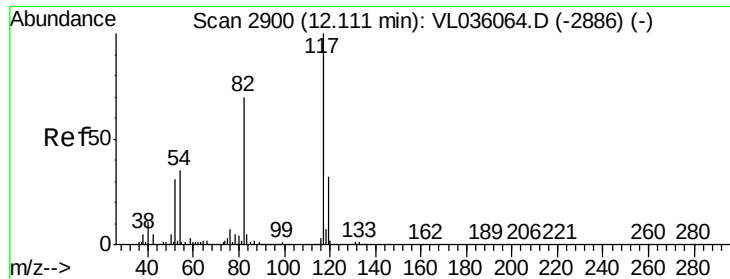
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#53
 Toluene
 Concen: 0.142 ppbv m
 RT: 9.81 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: VL036112.D
 Acq: 9 Dec 2020 2:18

Tgt Ion	Ratio	Lower	Upper
91	100		
92	62.1	48.2	72.2





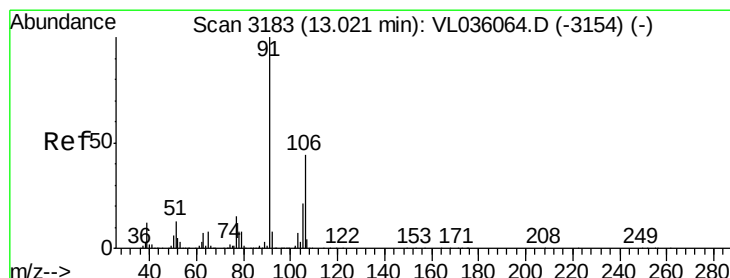
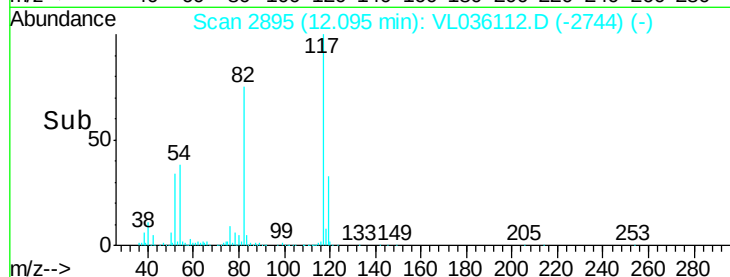
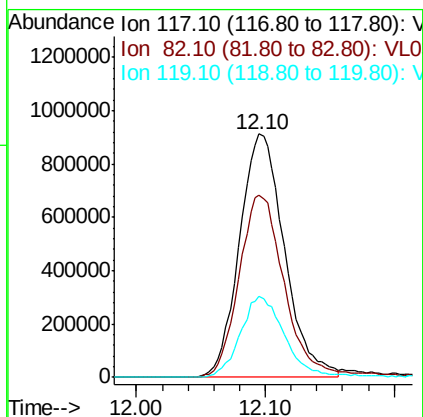
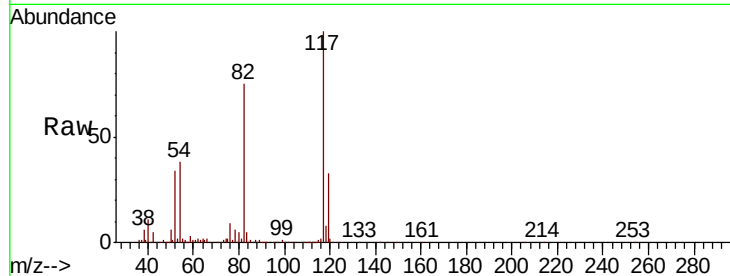
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2895
Delta R.T. -0.02 min
Lab File: VL036112.D
Acq: 9 Dec 2020 2:18

Instrument :
MSVOA_L
ClientSampleId :
SS-7BDL

Tot Ion	Ratio	Lower	Upper
117	100		
82	77.7	0.0	0.0#
119	33.8	0.0	0.0#

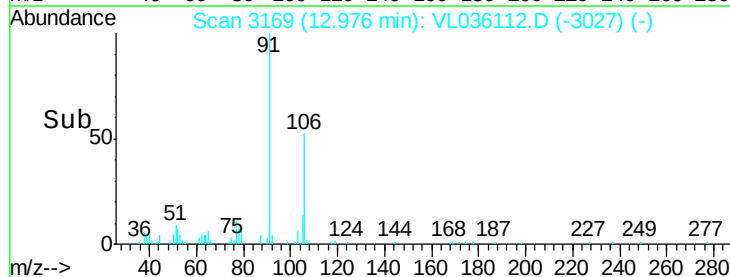
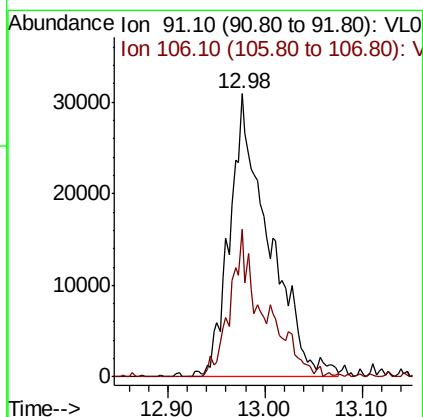
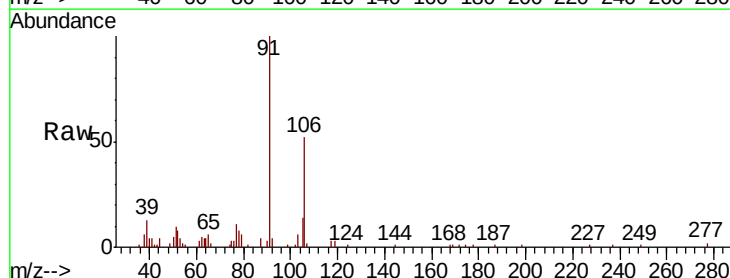
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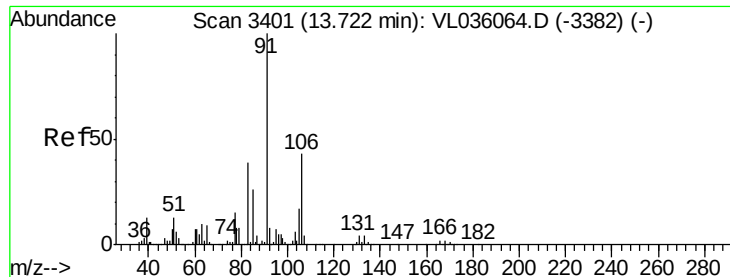
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#59
m/p-Xylene
Concen: 0.339 ppbv m
RT: 12.98 min Scan# 3169
Delta R.T. -0.04 min
Lab File: VL036112.D
Acq: 9 Dec 2020 2:18

Tgt Ion	Ratio	Lower	Upper
91	100		
106	0.0	33.6	50.4#





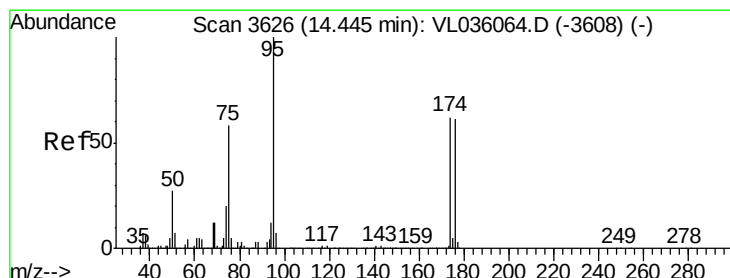
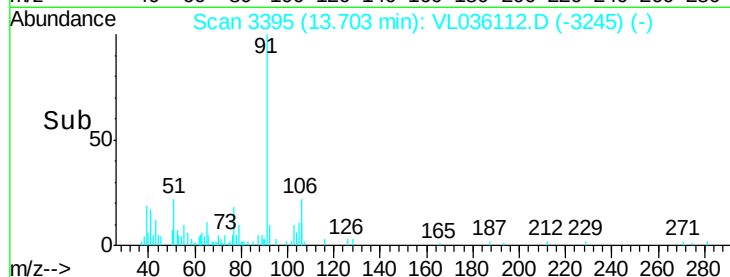
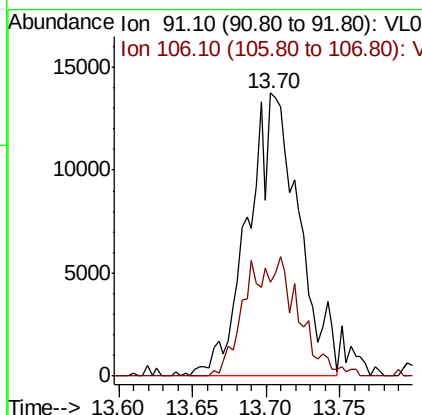
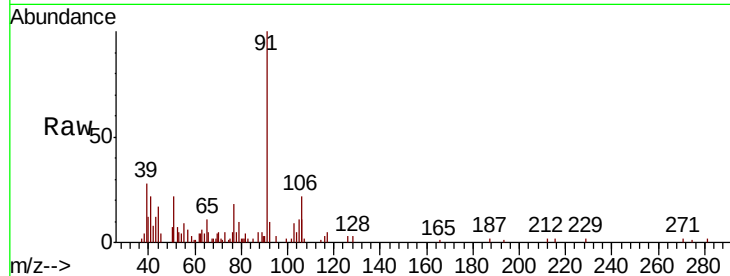
#60
o-Xylene
Concen: 0.137 ppbv m
RT: 13.70 min Scan# 3395
Delta R.T. -0.02 min
Lab File: VL036112.D
Acq: 9 Dec 2020 2:18

Instrument :
MSVOA_L
ClientSampleId :
SS-7BDL

Tot Ion: 91 Resp: 33023
Ion Ratio Lower Upper
91 100
106 43.6 21.6 64.6

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.712 ppbv
RT: 14.43 min Scan# 3621
Delta R.T. -0.02 min
Lab File: VL036112.D
Acq: 9 Dec 2020 2:18

Tgt Ion: 95 Resp: 1885401
Ion Ratio Lower Upper
95 100
174 59.2 50.7 76.1
175 4.2 4.0 6.0

