

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121020\
 Data File : VL036137.D
 Acq On : 10 Dec 2020 20:59
 Operator : SY/AP
 Sample : L4930-01 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OFFSITE-SG-2

Manual Integrations
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 12/15/2020 4:51:20 PM

Quant Time: Dec 11 04:29:25 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	5.65	49	1327119	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.16	114	2692070	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.07	117	2387096	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2063521	10.89	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	2.97	51	6453	0.043	ppbv	96
13) Ethanol	3.61	45	28015m	2.679	ppbv	
15) Acetone	3.85	43	89318m	0.560	ppbv	
20) Methylene Chloride	4.33	84	26046m	0.398	ppbv	
53) Toluene	9.79	91	55452m	0.216	ppbv	

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

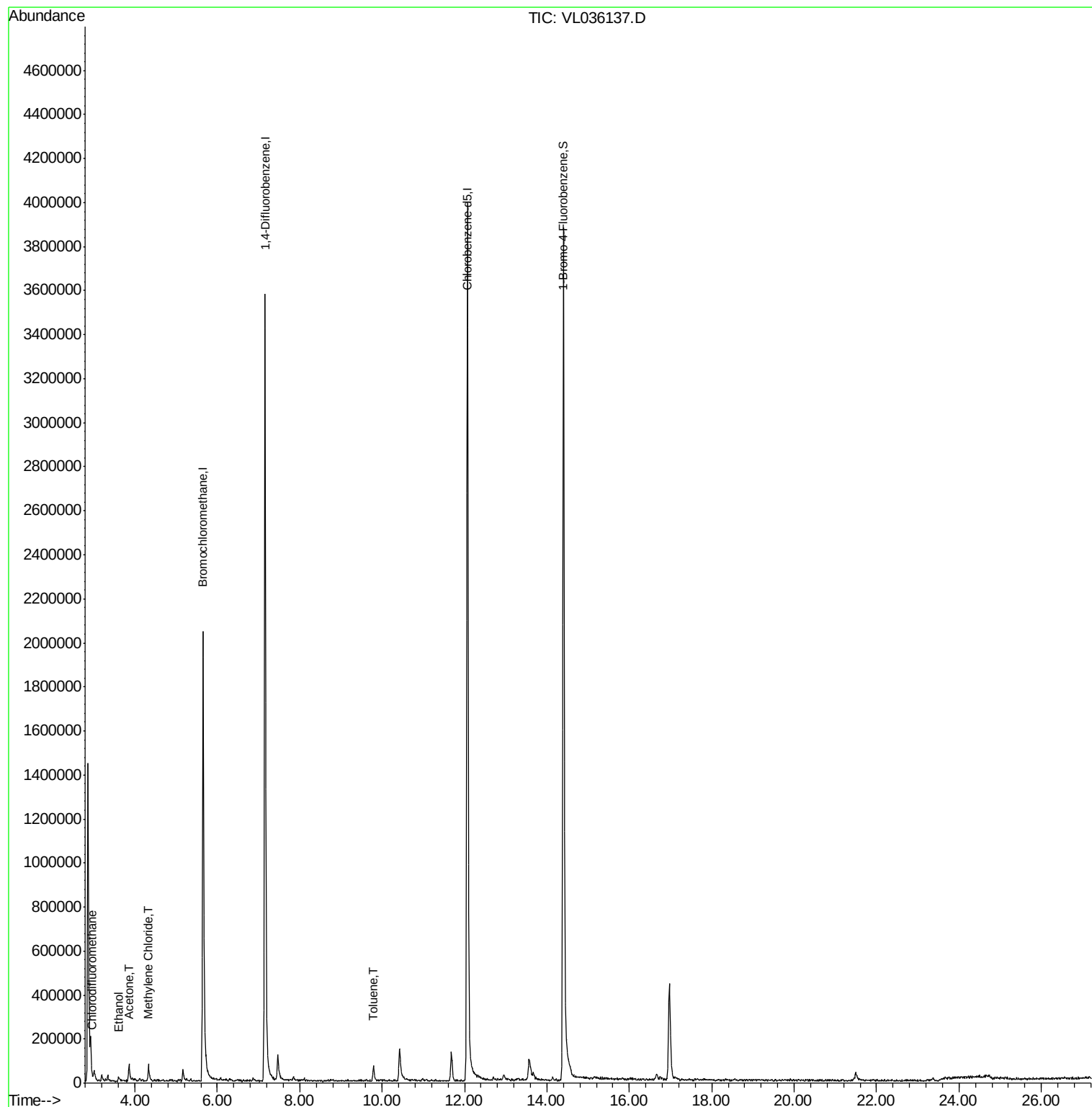
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121020\
Data File : VL036137.D
Acq On : 10 Dec 2020 20:59
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Sample : L4930-01 10X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

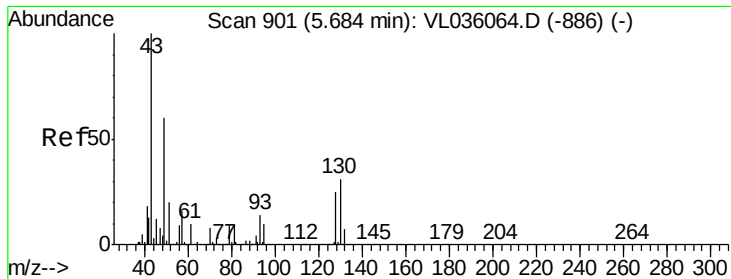
Instrument :
MSVOA_L
ClientSampleId :
OFFSITE-SG-2

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Quant Time: Dec 11 04:29:25 2020
Quant Method : Z:\VOASRV\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: 5.65 min Scan# 890

Delta R.T. -0.04 min

Lab File: VL036137.D

Acq: 10 Dec 2020 20:59

Instrument :

MSVOA_L

ClientSampleId :

OFFSITE-SG-2

Tot Ion: 49 Resp: 1327119

Ion Ratio Lower Upper

49 100

128 36.2 21.1 63.1

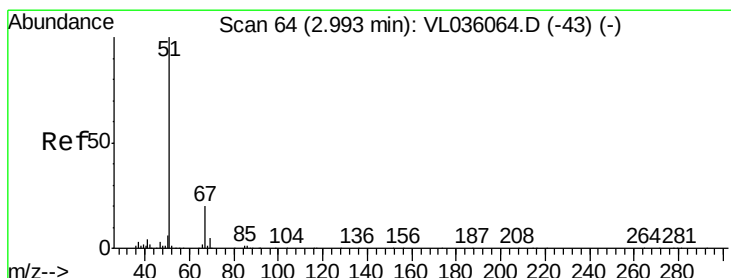
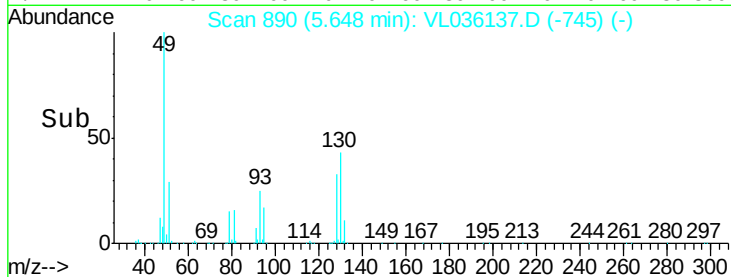
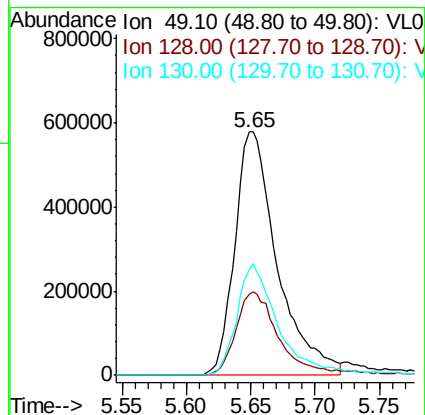
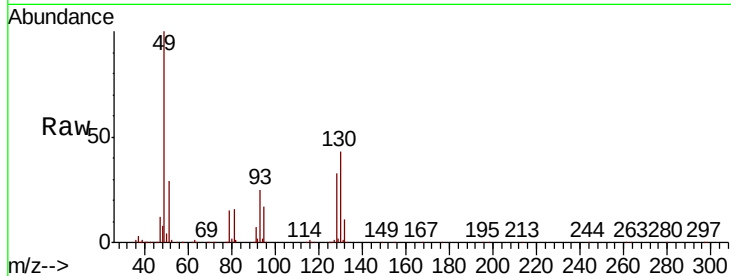
130 46.0 27.1 81.3

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#3

Chlorodifluoromethane

Concen: 0.043 ppbv

RT: 2.97 min Scan# 58

Delta R.T. -0.02 min

Lab File: VL036137.D

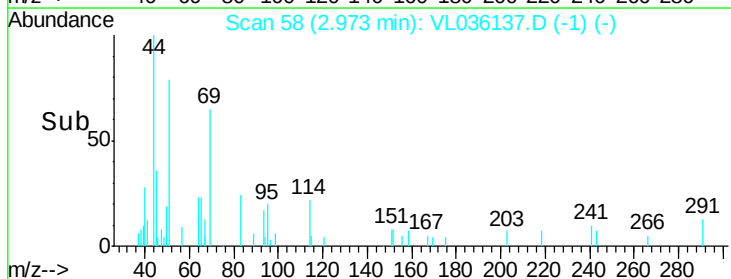
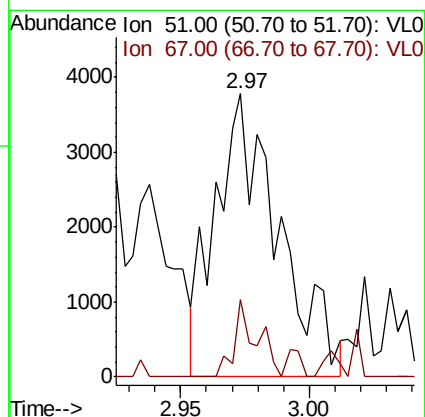
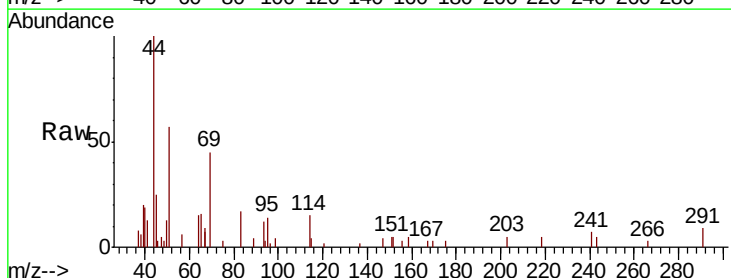
Acq: 10 Dec 2020 20:59

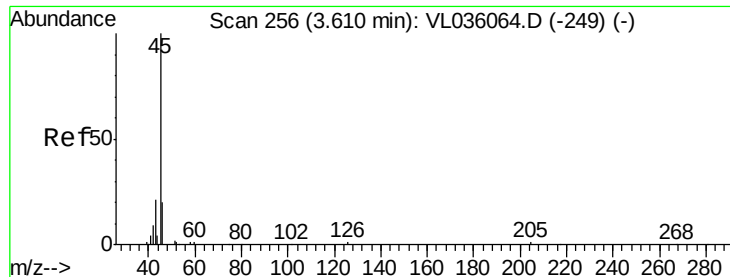
Tgt Ion: 51 Resp: 6453

Ion Ratio Lower Upper

51 100

67 15.9 14.3 21.5





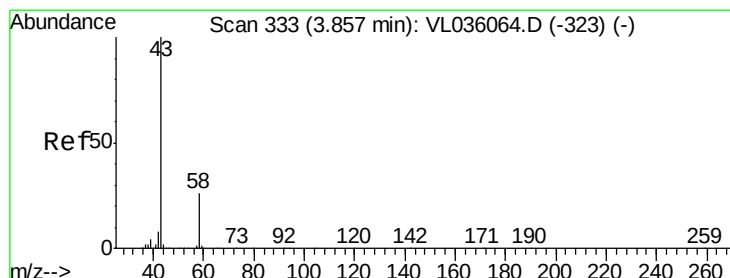
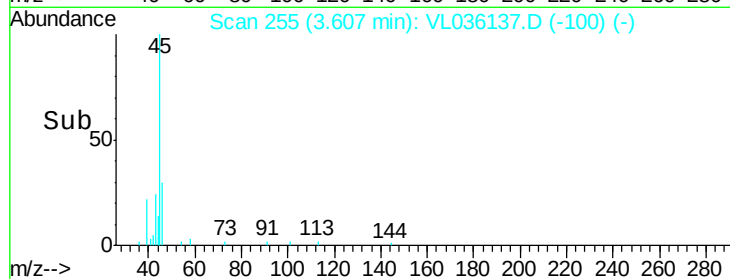
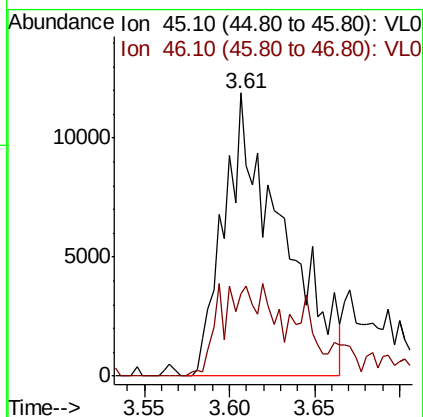
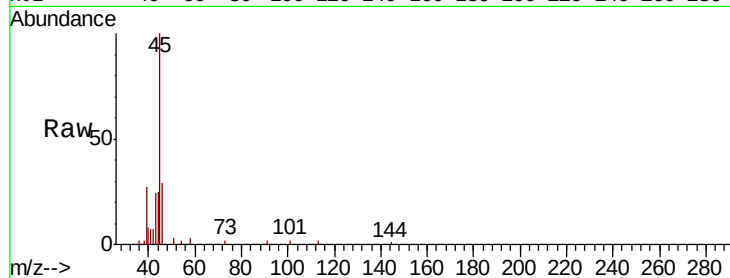
#13
Ethanol
Concen: 2.679 ppbv m
RT: 3.61 min Scan# 255
Delta R.T. -0.00 min
Lab File: VL036137.D
Acq: 10 Dec 2020 20:59

Instrument :
MSVOA_L
ClientSampleId :
OFFSITE-SG-2

Tot Ion: 45 Resp: 28015
Ion Ratio Lower Upper
45 100
46 45.2 19.0 75.8

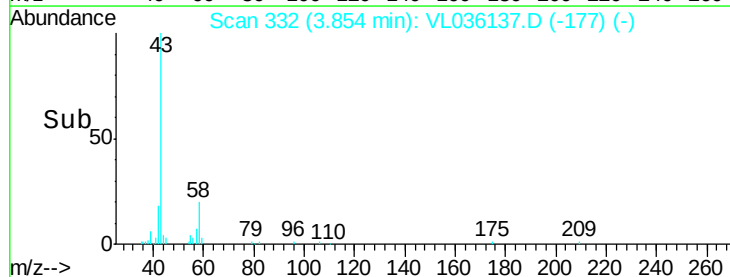
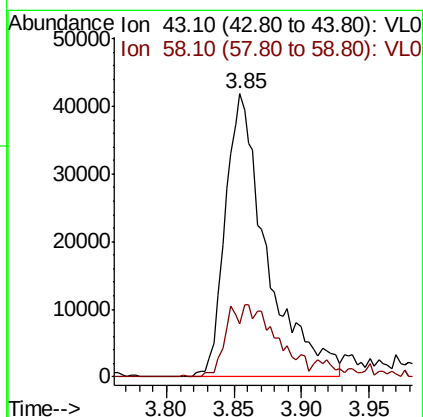
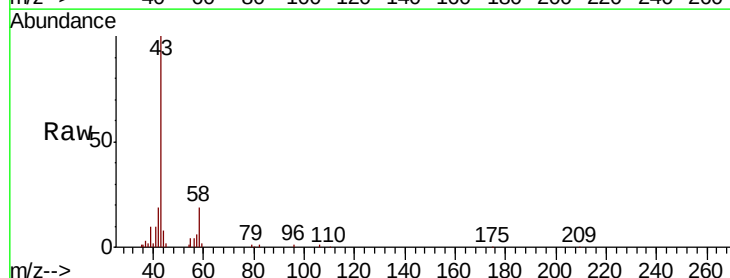
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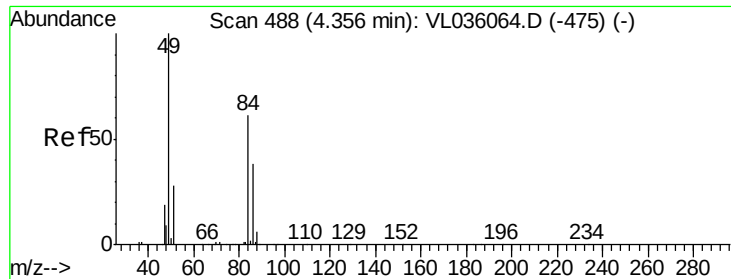
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#15
Acetone
Concen: 0.560 ppbv m
RT: 3.85 min Scan# 332
Delta R.T. -0.00 min
Lab File: VL036137.D
Acq: 10 Dec 2020 20:59

Tgt Ion: 43 Resp: 89318
Ion Ratio Lower Upper
43 100
58 35.4 20.9 31.3#





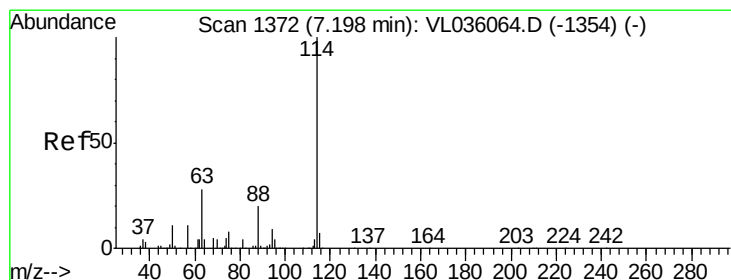
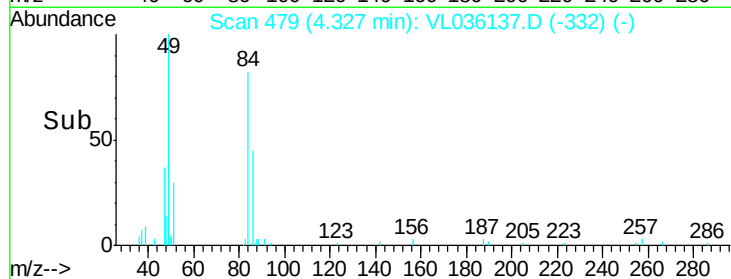
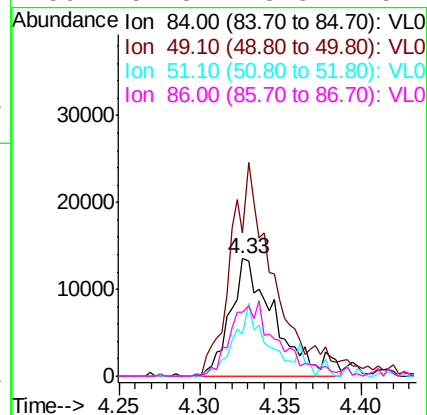
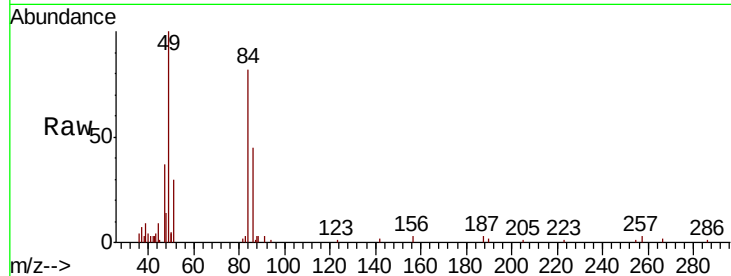
#20
Methvlene Chloride
Concen: 0.398 ppbv m
RT: 4.33 min Scan# 479
Delta R.T. -0.03 min
Lab File: VL036137.D
Acq: 10 Dec 2020 20:59

Instrument :
MSVOA_L
ClientSampleId :
OFFSITE-SG-2

Tot Ion	Ratio	Lower	Upper
84	100		
49	122.0	133.0	199.4#
51	36.5	38.9	58.3#
86	54.8	48.8	73.2

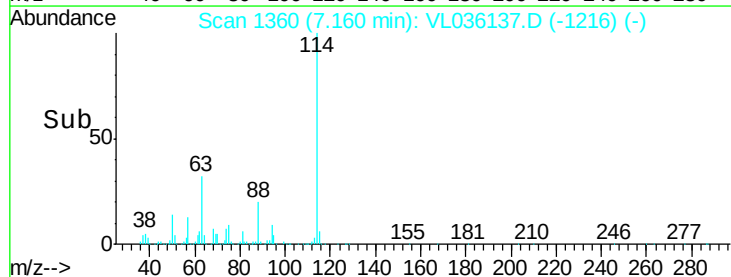
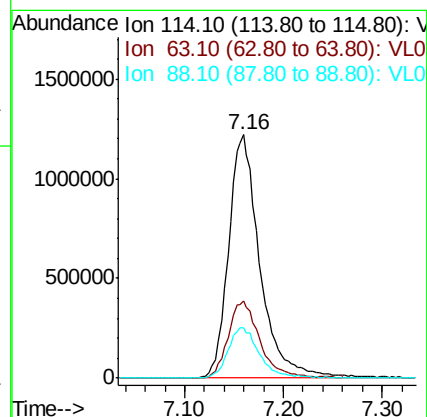
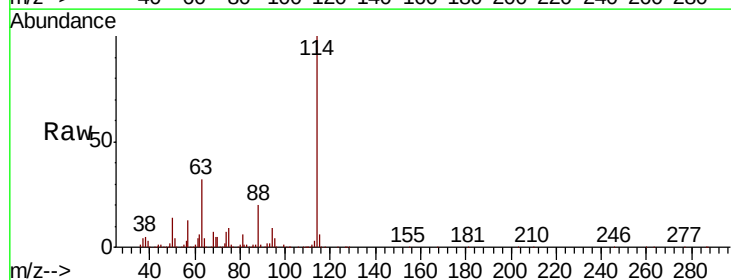
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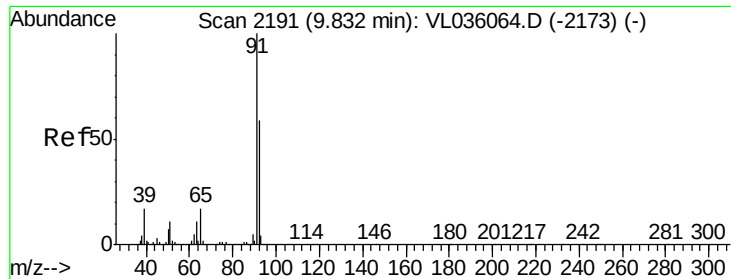
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. -0.04 min
Lab File: VL036137.D
Acq: 10 Dec 2020 20:59

Tgt Ion	Ratio	Lower	Upper
114	100		
63	32.7	23.6	35.4
88	21.0	15.8	23.6





#53

Toluene

Concen: 0.216 ppbv m

RT: 9.79 min Scan# 2178

Delta R.T. -0.04 min

Lab File: VL036137.D

Acq: 10 Dec 2020 20:59

Instrument :

MSVOA_L

ClientSampleId :

OFFSITE-SG-2

Tot Ion: 91 Resp: 55452

Ion Ratio Lower Upper

91 100

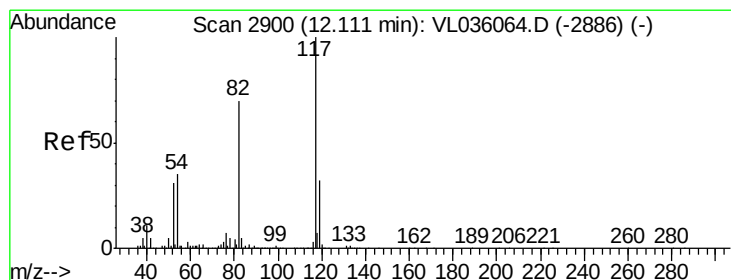
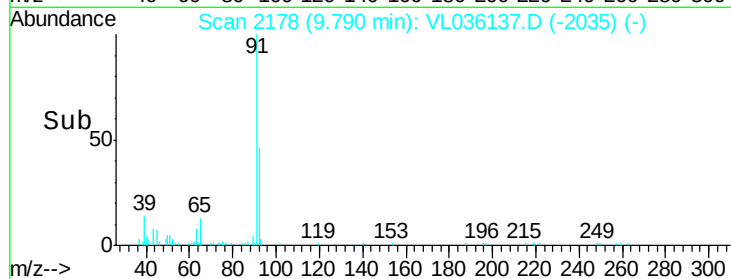
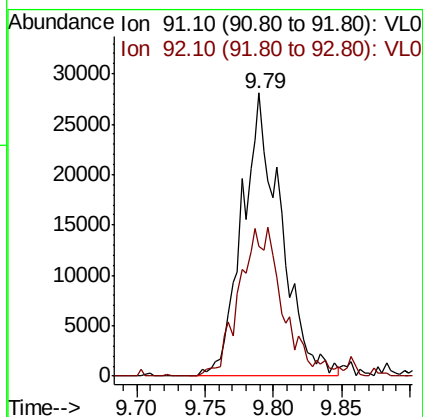
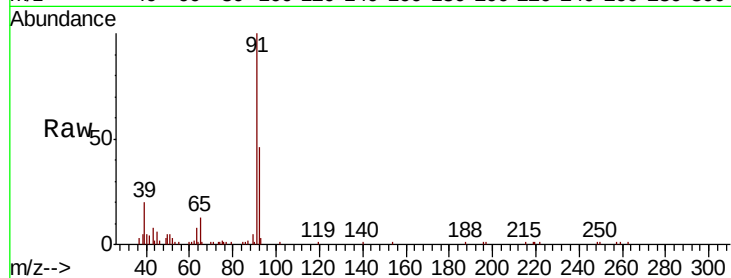
92 0.0 48.2 72.2#

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.07 min Scan# 2887

Delta R.T. -0.04 min

Lab File: VL036137.D

Acq: 10 Dec 2020 20:59

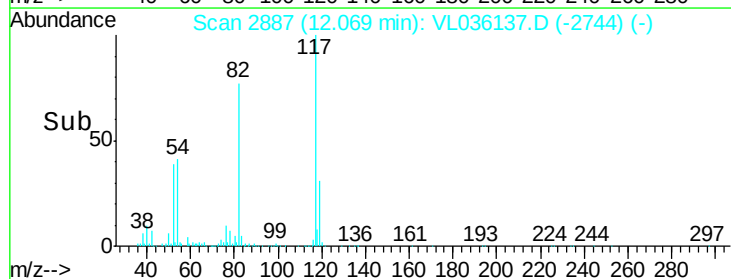
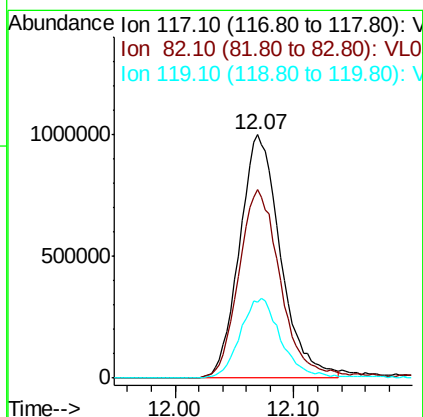
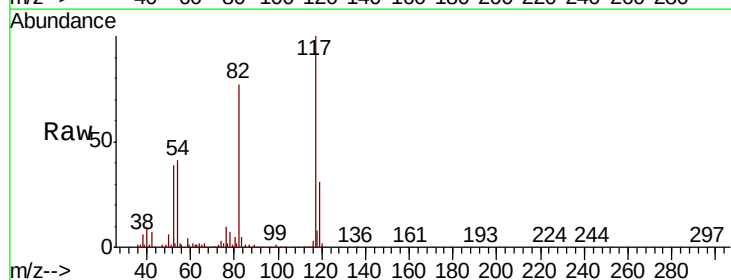
Tgt Ion: 117 Resp: 2387096

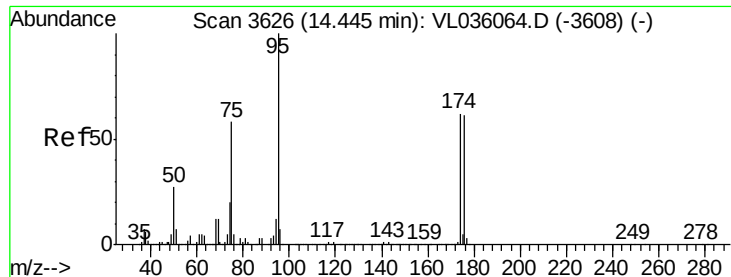
Ion Ratio Lower Upper

117 100

82 80.5 0.0 0.0#

119 33.3 0.0 0.0#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.887 ppbv
 RT: 14.40 min Scan# 3613
 Delta R.T. -0.04 min
 Lab File: VL036137.D
 Acq: 10 Dec 2020 20:59

Instrument :
 MSVOA_L
 ClientSampleId :
 OFFSITE-SG-2

Tot Ion: 95 Resp: 2063521
 Ion Ratio Lower Upper
 95 100
 174 54.5 50.7 76.1
 175 4.0 4.0 6.0#

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