

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121020\
 Data File : VL036139.D
 Acq On : 10 Dec 2020 22:15
 Operator : SY/AP
 Sample : L4930-02 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OFFSITE-SG-1

Manual Integrations
 APPROVED

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 12/15/2020 4:51:23 PM

Quant Time: Dec 11 04:33:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 07 16:56:49 2020
 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	1368300	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.16	114	2621019	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.07	117	2375434	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2047015	10.85	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.85	43	72899m	0.443	ppbv	
20) Methylene Chloride	4.33	84	47144	0.700	ppbv	85
53) Toluene	9.79	91	31357m	0.126	ppbv	

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

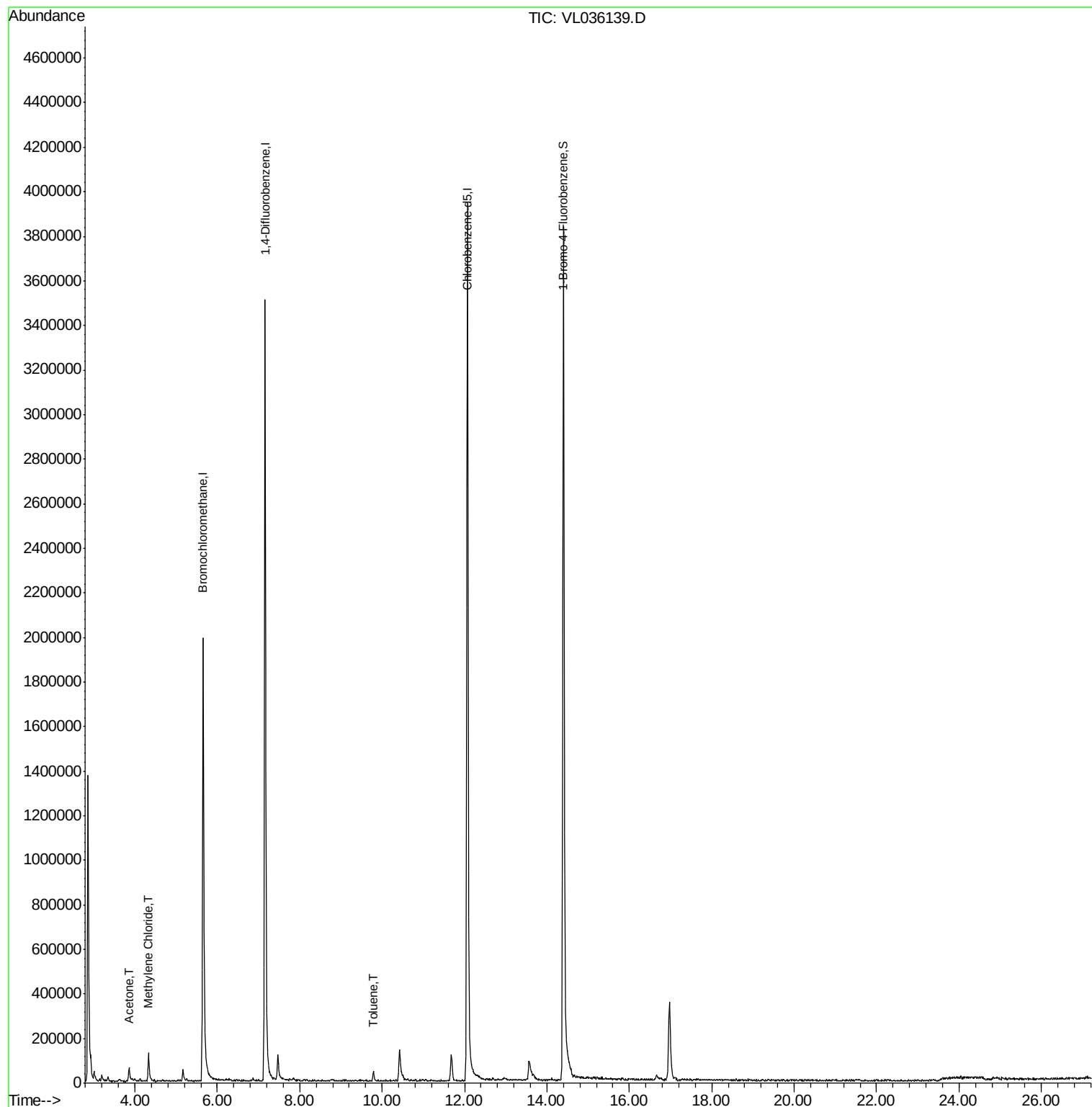
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Data File : VL036139.D
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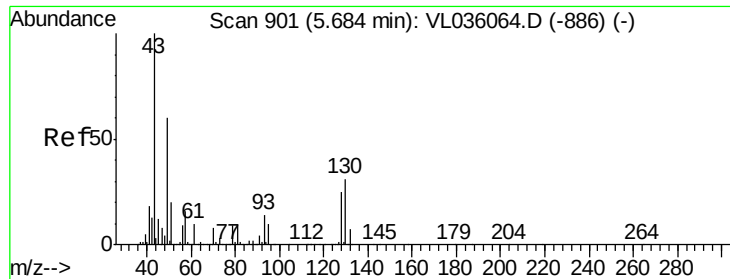
Instrument :
MSVOA_L
ClientSampleId :
OFFSITE-SG-1

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Quant Time: Dec 11 04:33:15 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





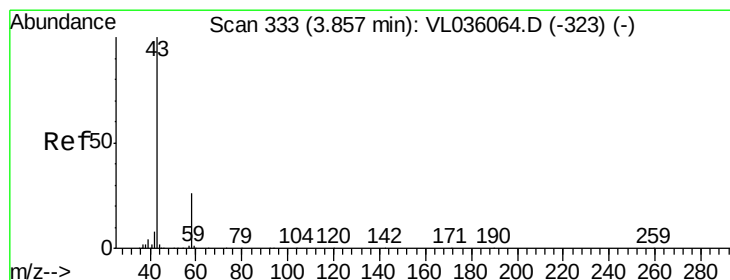
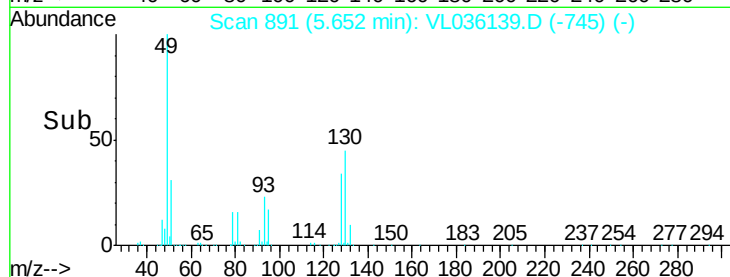
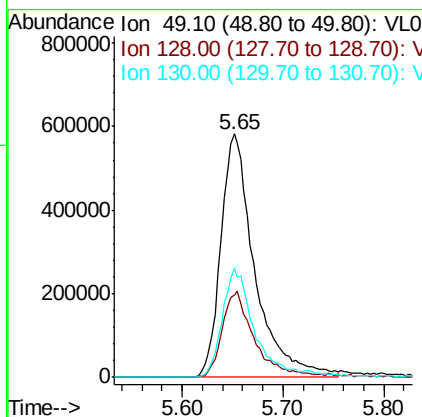
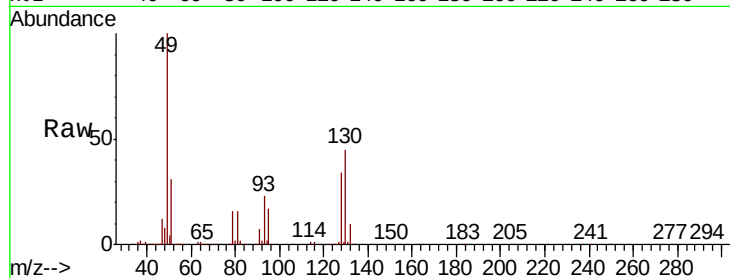
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 891
Delta R.T. -0.03 min
Lab File: VL036139.D
Acq: 10 Dec 2020 22:15

Instrument :
MSVOA_L
ClientSampleId :
OFFSITE-SG-1

Tot Ion: 49 Resp: 1368300
Ion Ratio Lower Upper
49 100
128 34.3 21.1 63.1
130 44.4 27.1 81.3

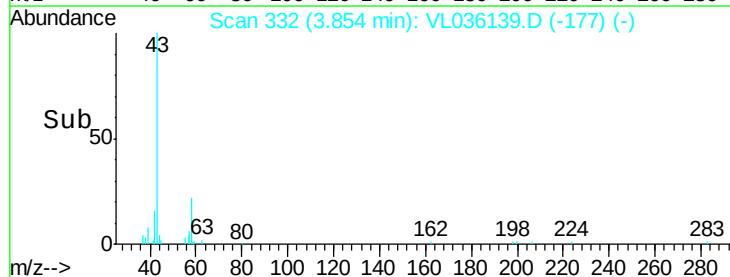
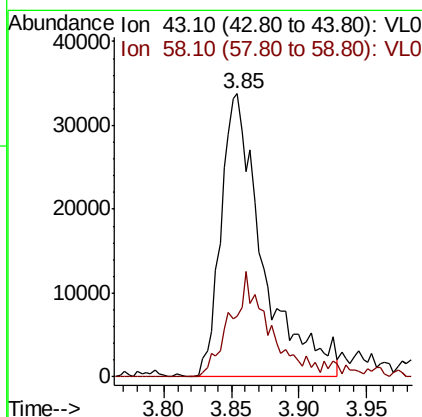
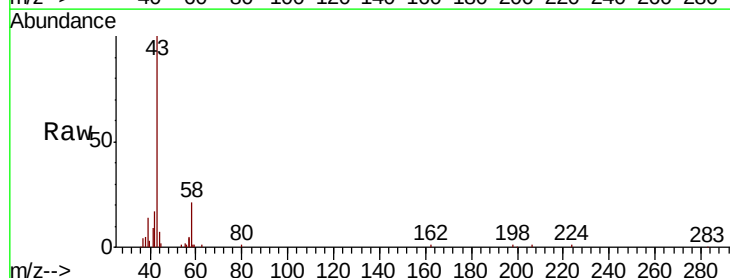
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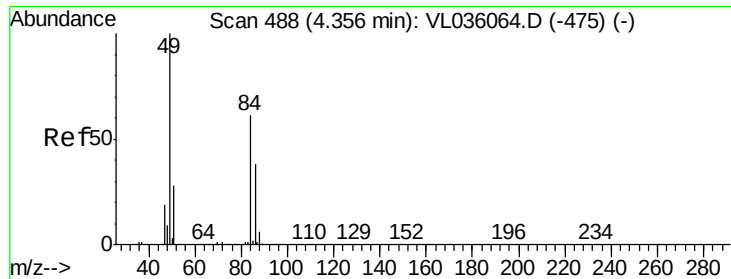
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#15
Acetone
Concen: 0.443 ppbv m
RT: 3.85 min Scan# 332
Delta R.T. -0.00 min
Lab File: VL036139.D
Acq: 10 Dec 2020 22:15

Tgt Ion: 43 Resp: 72899
Ion Ratio Lower Upper
43 100
58 33.4 20.9 31.3#





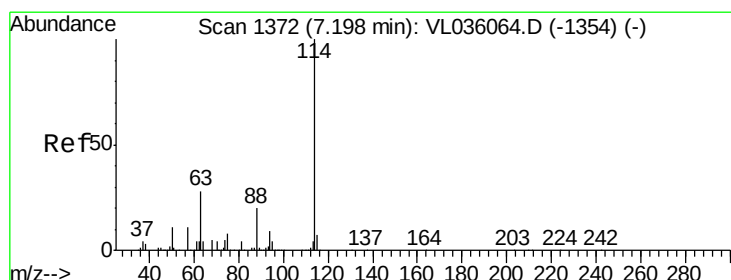
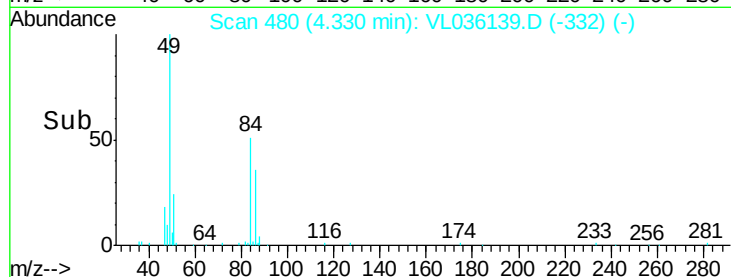
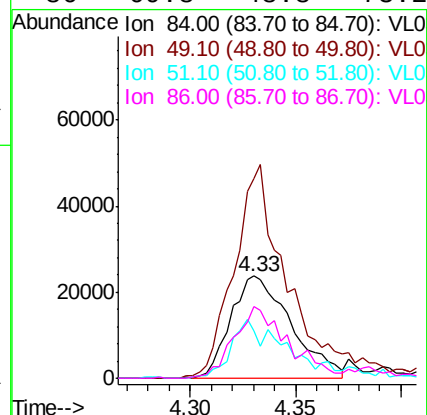
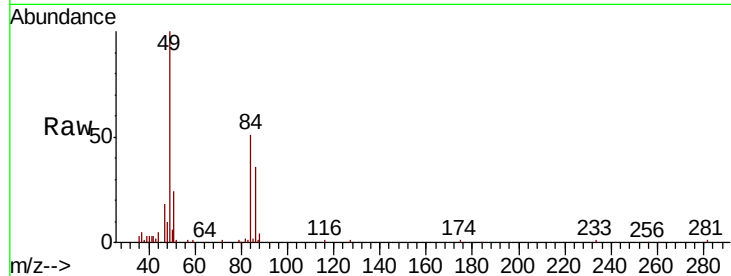
#20
Methylene Chloride
Concen: 0.700 ppbv
RT: 4.33 min Scan# 480
Delta R.T. -0.03 min
Lab File: VL036139.D
Acq: 10 Dec 2020 22:15

Instrument :
MSVOA_L
ClientSampleId :
OFFSITE-SG-1

Tot Ion:	84	Resp:	47144
Ion	Ratio	Lower	Upper
84	100		
49	193.2	133.0	199.4
51	45.7	38.9	58.3
86	69.8	48.8	73.2

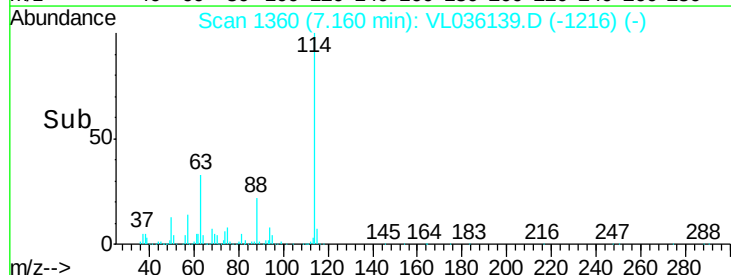
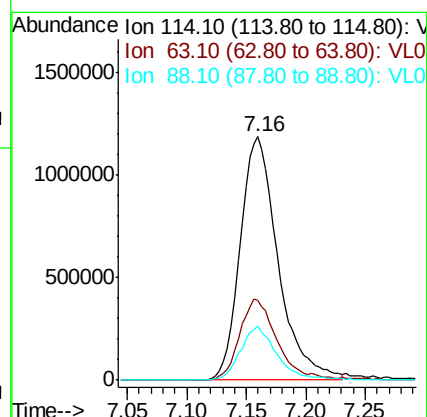
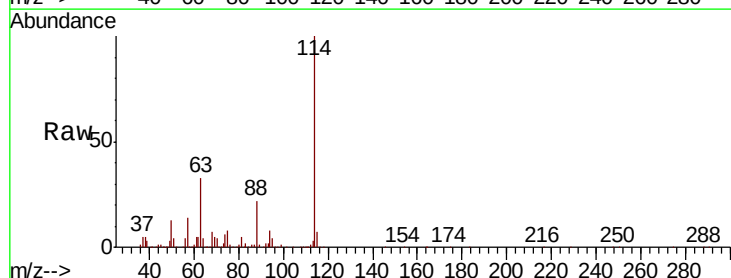
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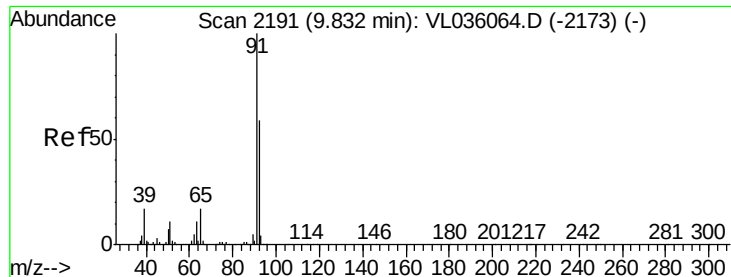
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. -0.04 min
Lab File: VL036139.D
Acq: 10 Dec 2020 22:15

Tgt Ion:	114	Resp:	2621019
Ion	Ratio	Lower	Upper
114	100		
63	33.6	23.6	35.4
88	21.5	15.8	23.6





#53

Toluene

Concen: 0.126 ppbv m

RT: 9.79 min Scan# 2177

Delta R.T. -0.04 min

Lab File: VL036139.D

Acq: 10 Dec 2020 22:15

Instrument :

MSVOA_L

ClientSampleId :

OFFSITE-SG-1

Tot Ion: 91 Resp: 31357

Ion Ratio Lower Upper

91 100

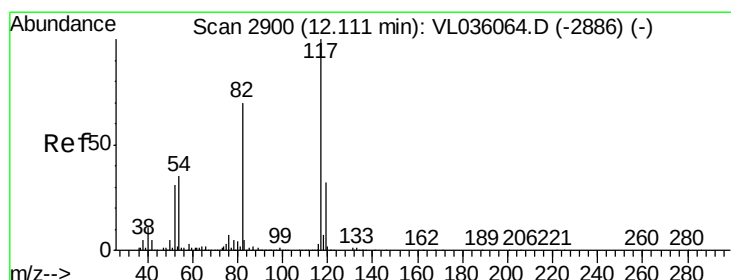
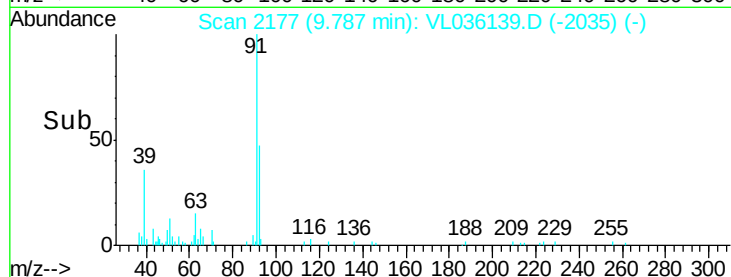
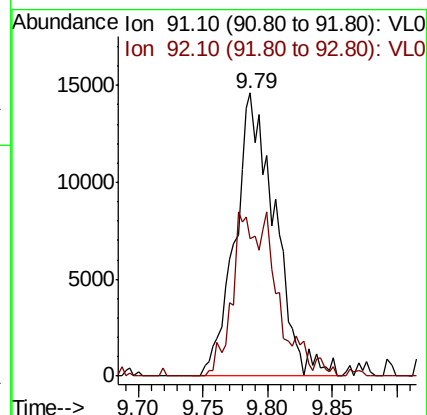
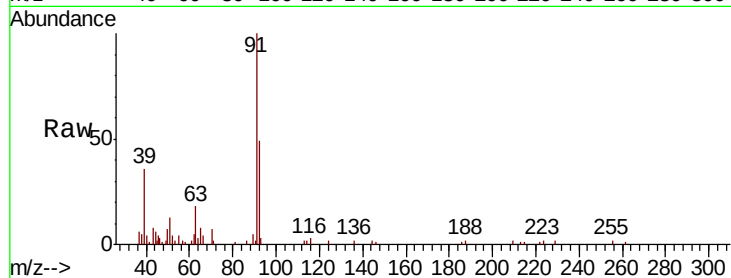
92 0.0 48.2 72.2#

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.07 min Scan# 2888

Delta R.T. -0.04 min

Lab File: VL036139.D

Acq: 10 Dec 2020 22:15

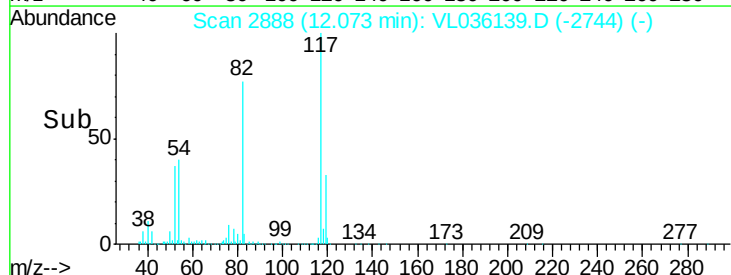
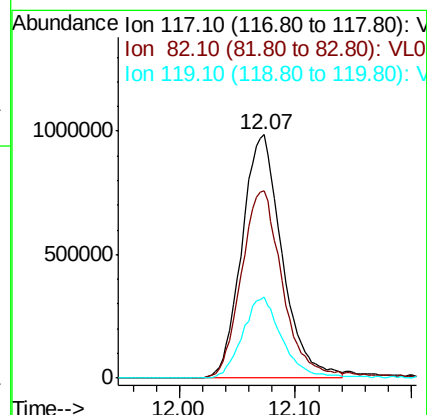
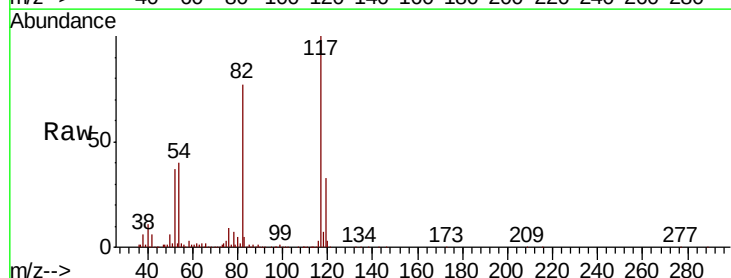
Tgt Ion: 117 Resp: 2375434

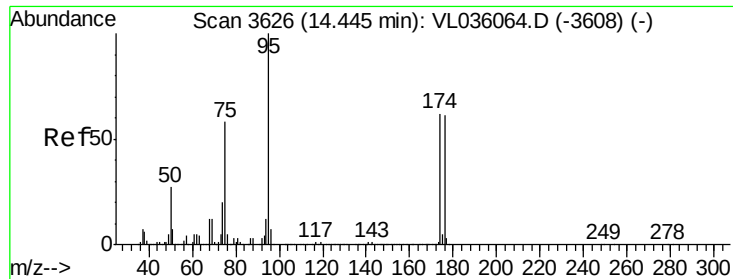
Ion Ratio Lower Upper

117 100

82 81.3 0.0 0.0#

119 32.9 0.0 0.0#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.853 ppbv
 RT: 14.40 min Scan# 3612
 Delta R.T. -0.04 min
 Lab File: VL036139.D
 Acq: 10 Dec 2020 22:15

Instrument :
 MSVOA_L
 ClientSampleId :
 OFFSITE-SG-1

Tot Ion: 95 Resp: 2047015
 Ion Ratio Lower Upper
 95 100
 174 54.6 50.7 76.1
 175 3.8 4.0 6.0#

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