

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032421\
 Data File : VL036462.D
 Acq On : 24 Mar 2021 10:51
 Operator :
 Sample : VL0324ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 25 08:20:28 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 03 14:18:24 2021
 QLast Update : Wed Mar 03 14:18:24 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1671071	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3686938	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	3392174	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2711423	9.72	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.20%

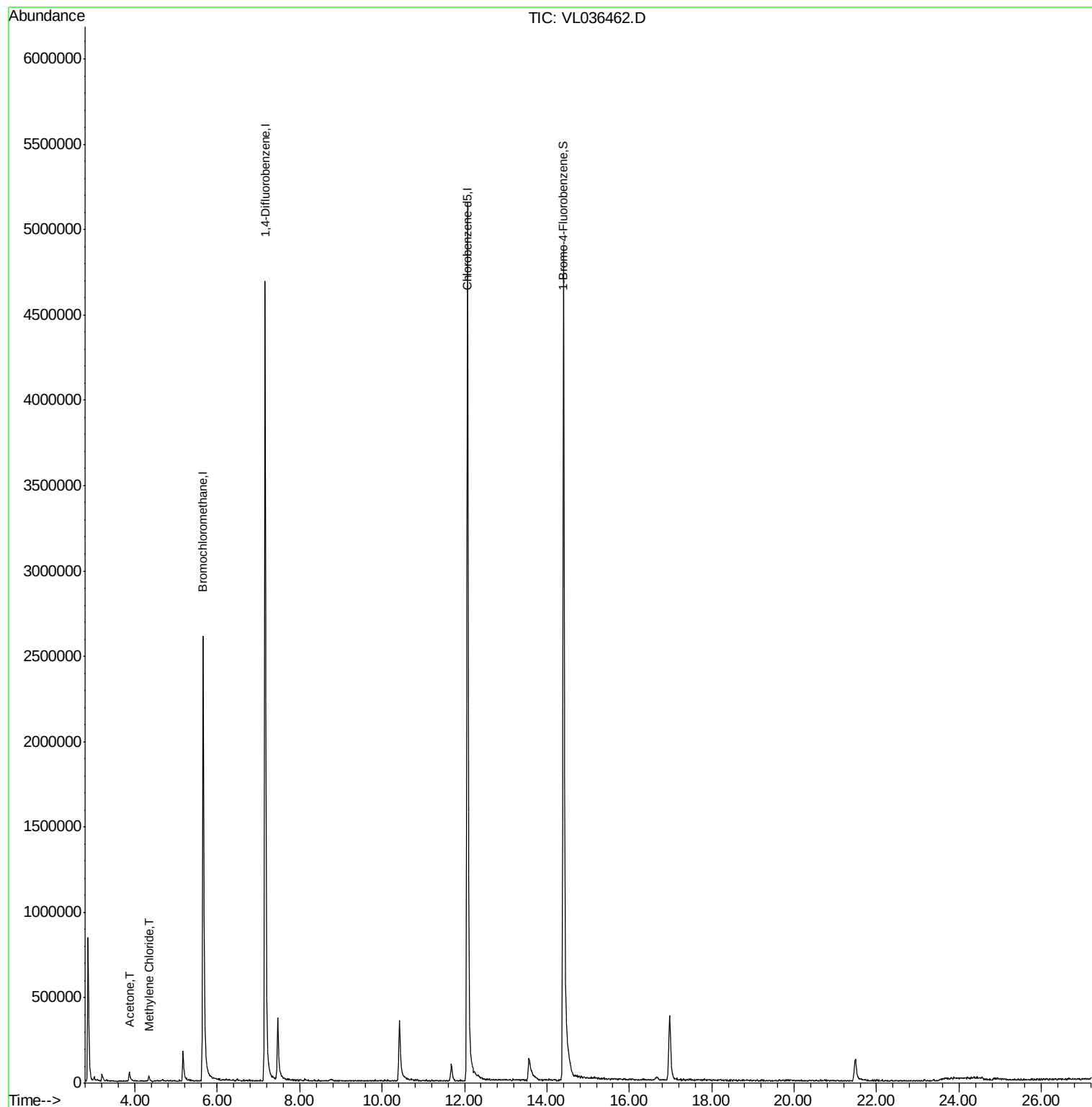
Target Compounds					Ovalue
15) Acetone	3.86	43	54269m	0.284	ppbv
20) Methylene Chloride	4.33	84	11213m	0.174	ppbv

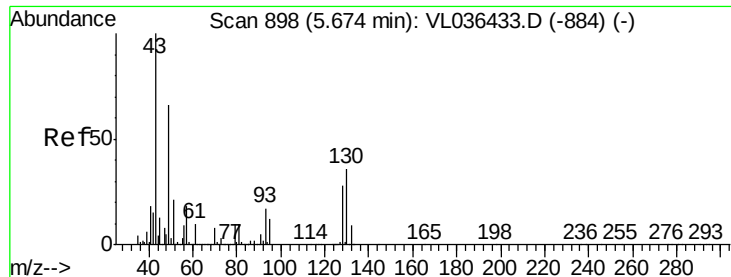
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

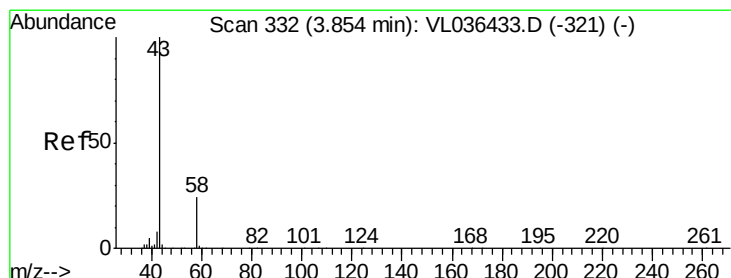
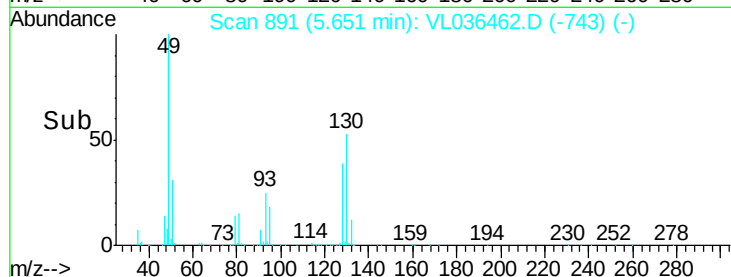
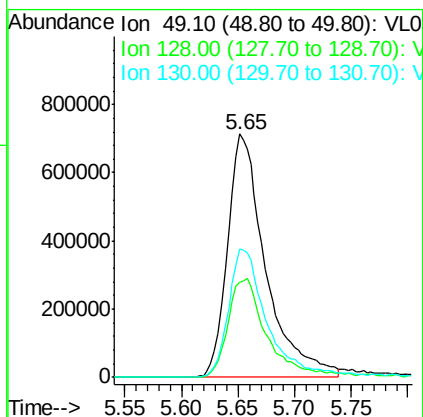
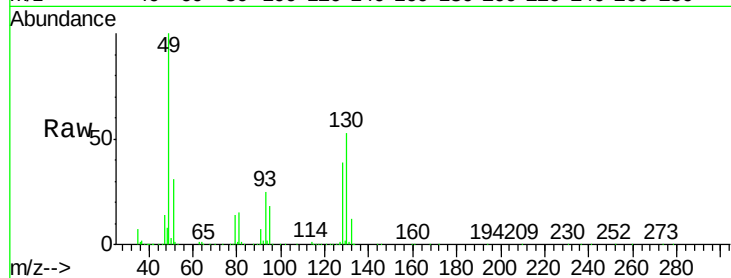
Quant Time: Mar 25 08:20:28 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL030321AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Mar 03 14:18:24 2021
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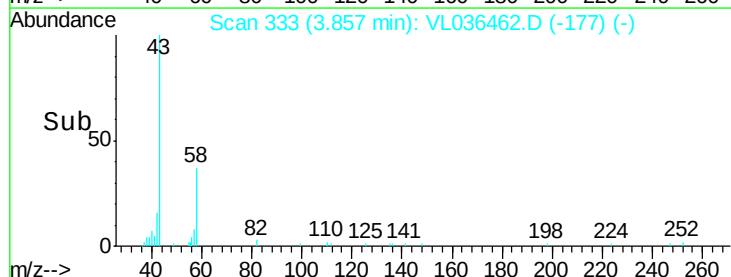
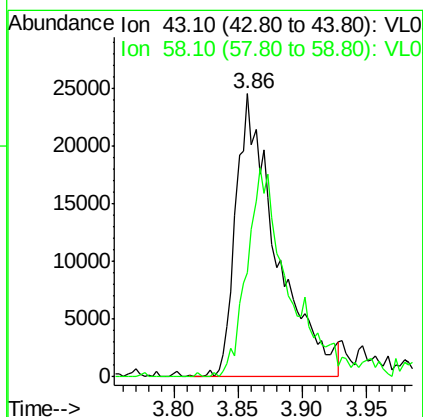
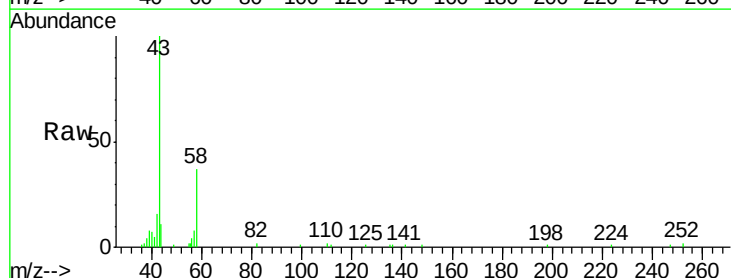


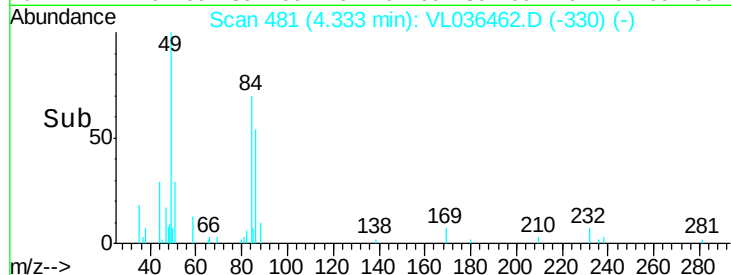
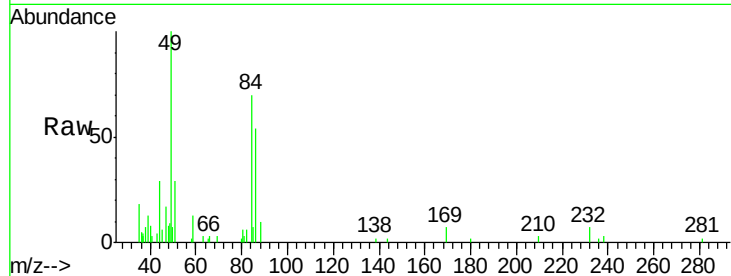
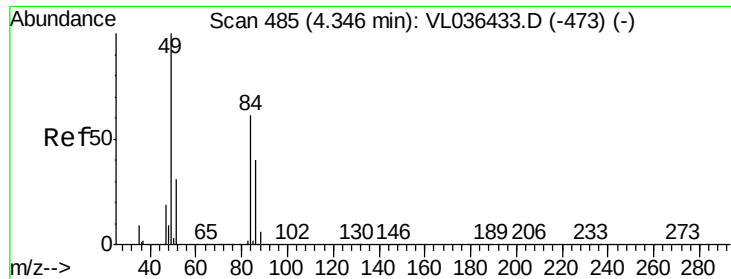
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.65
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 24 Mar 2021 10:51

Tot Ion: 49 Resp: 1671071
 Ion Ratio Lower Upper
 49 100
 128 42.9 22.4 67.2
 130 55.5 28.0 84.0



#15
 Acetone
 Concen: 0.284 ppbv m
 RT: 3.86 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VL036462.D
 Acq: 24 Mar 2021 10:51
 Tgt Ion: 43 Resp: 54269
 Ion Ratio Lower Upper
 43 100
 58 0.0 21.0 31.6#





#20

Methylene Chloride

Concen: 0.174 ppbv m

RT: 4.33 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Mar 2021 10:51

Tot Ion: 84 Resp: 11213

Ion Ratio Lower Upper

84 100

49 141.9 130.2 195.2

51 40.9 40.5 60.7

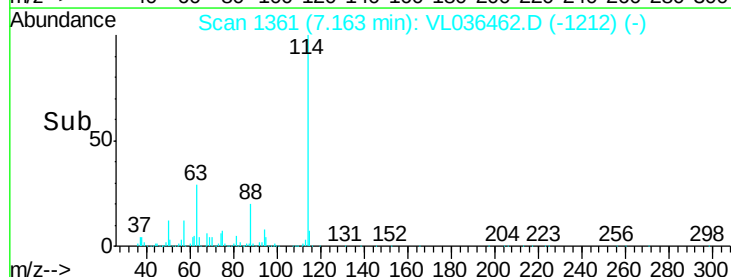
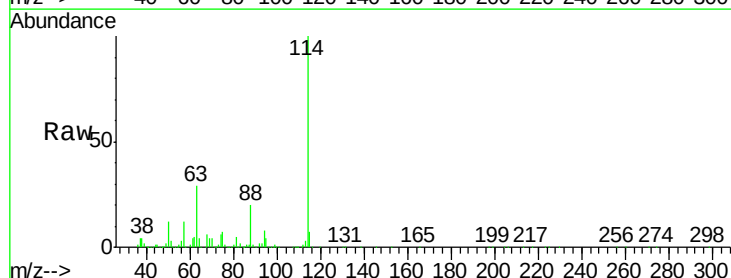
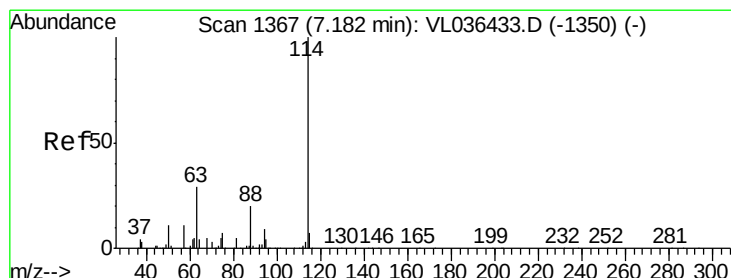
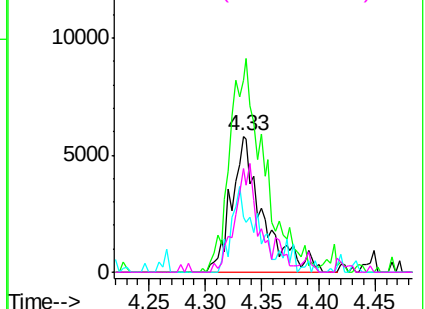
86 76.1 51.4 77.2

Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.16 min Scan# 1361

Delta R.T. -0.02 min

Lab File: VL036462.D

Acq: 24 Mar 2021 10:51

Tgt Ion: 114 Resp: 3686938

Ion Ratio Lower Upper

114 100

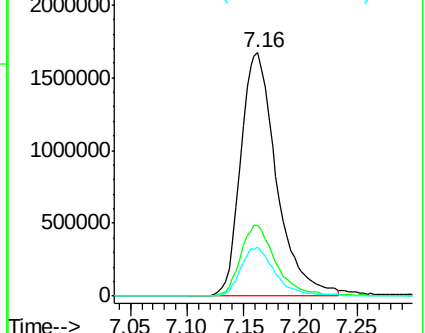
63 29.2 23.3 34.9

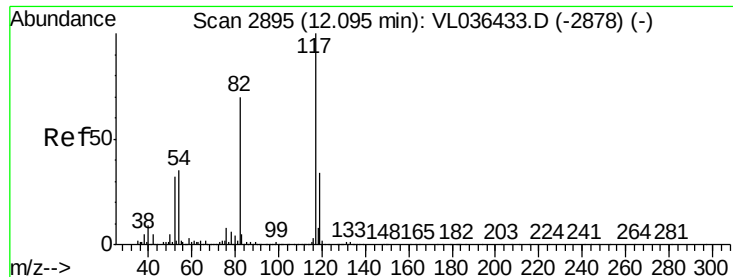
88 19.7 15.6 23.4

Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

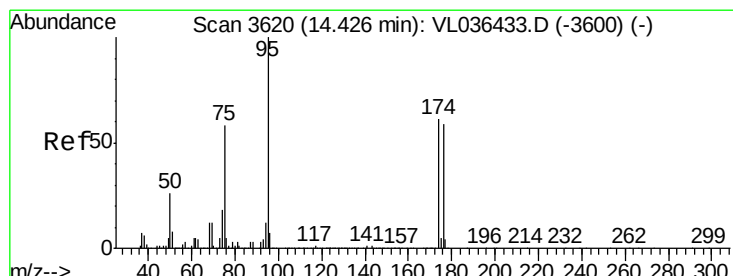
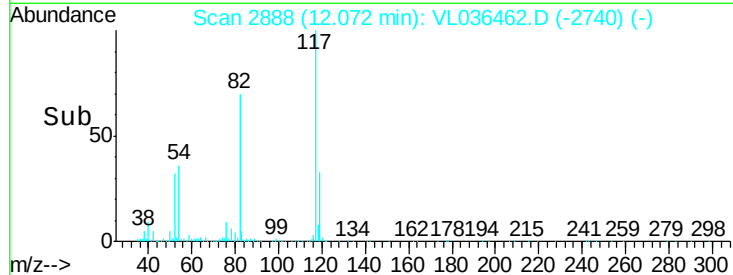
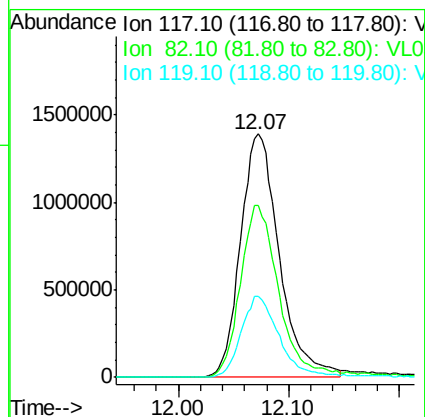
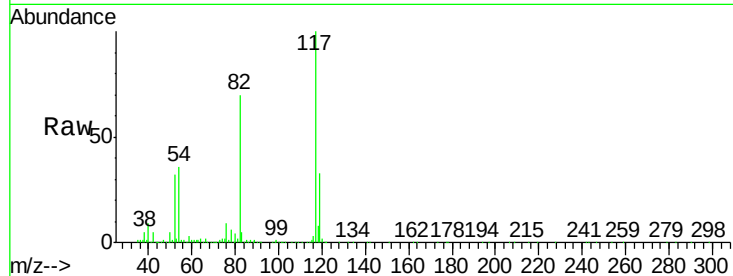
Ion 88.10 (87.80 to 88.80): VL0





#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.07 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 24 Mar 2021 10:51

Tot Ion:	117	Resp:	3392174
Ion	Ratio	Lower	Upper
117	100		
82	72.0	56.5	84.7
119	33.5	27.0	40.4



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.720 ppbv
 RT: 14.41 min Scan# 3614
 Delta R.T.: -0.02 min
 Lab File: VL036462.D
 Acq: 24 Mar 2021 10:51

Tgt Ion:	95	Resp:	2711423
Ion	Ratio	Lower	Upper
95	100		
174	66.8	51.0	76.4
175	4.6	3.8	5.6

