

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021920\
 Data File : VL034655.D
 Acq On : 19 Feb 2020 21:39
 Operator : SY/AP
 Sample : L1553-01DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1DL

Manual Integrations
 APPROVED

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Quant Time: Feb 21 10:29:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL013020AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 30 2020
 QLast Update : Thu Jan 30 17:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	757222	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	1589307	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.10	117	1590367	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1373121	10.22	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.98	41	75552	2.121	ppbv	# 64
13) Ethanol	3.57	45	150372	15.758	ppbv	100
15) Acetone	3.83	43	86595	0.778	ppbv	98
53) Toluene	9.82	91	34439m	0.222	ppbv	

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

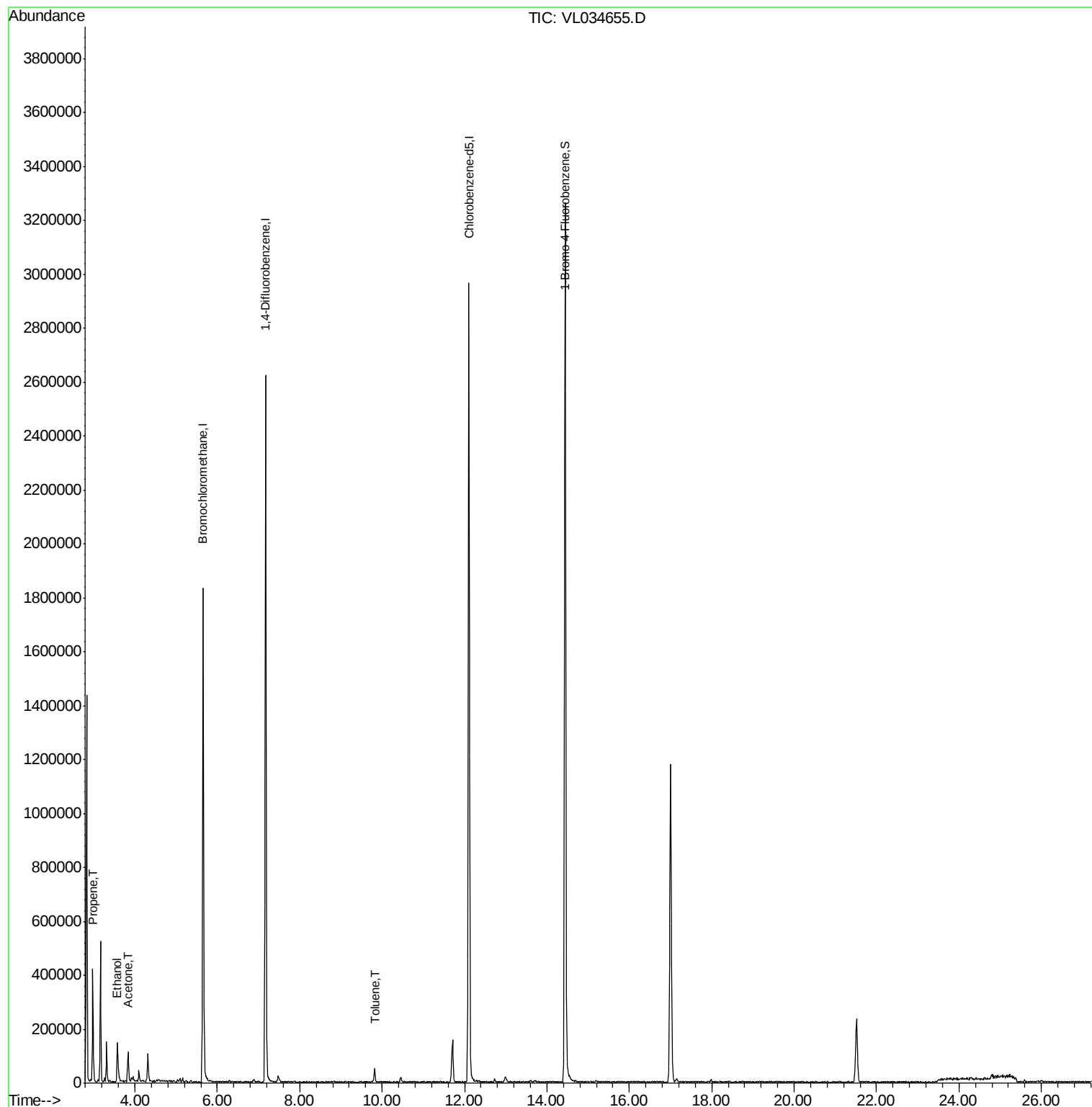
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL021920\
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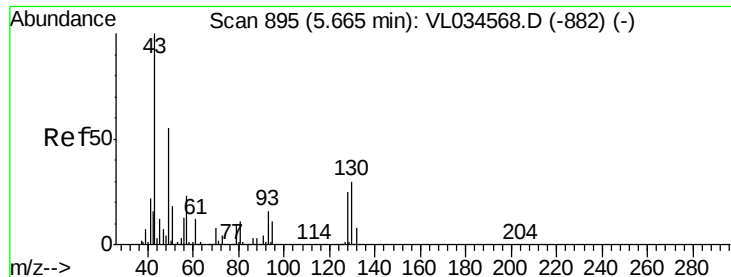
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL013020AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan
QLast Update : Thu Jan 30 17:16:44 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. -0.01 min

Lab File: VL034655.D

Acq: 19 Feb 2020 21:39

Instrument :

MSVOA_L

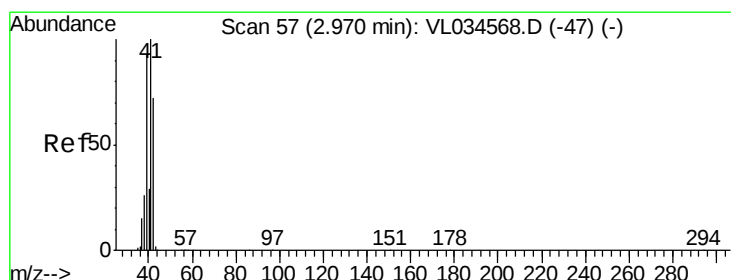
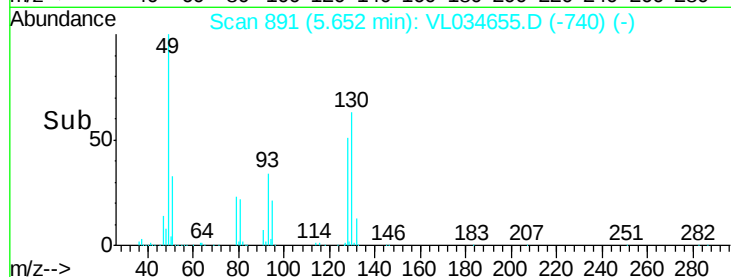
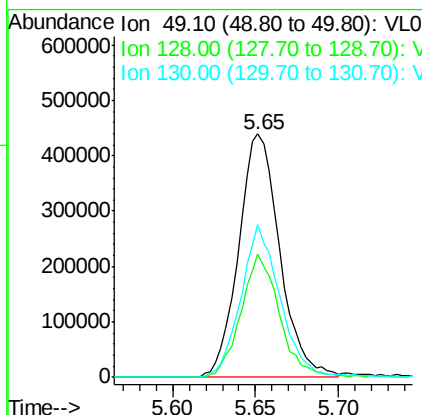
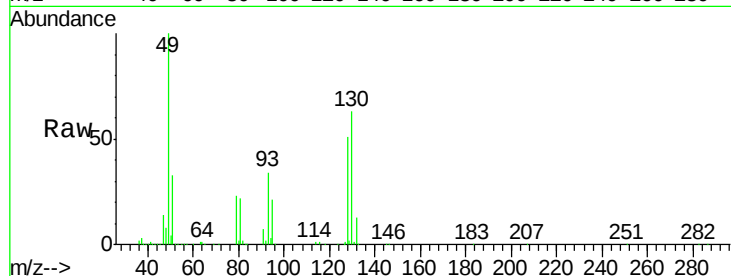
ClientSampled :

IA-1DL

Tot Ion:	49	Resp:	757222
Ion Ratio	Lower	Upper	
49	100		
128	47.3	22.7	68.1
130	60.0	28.6	85.8

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#9

Propene

Concen: 2.121 ppbv

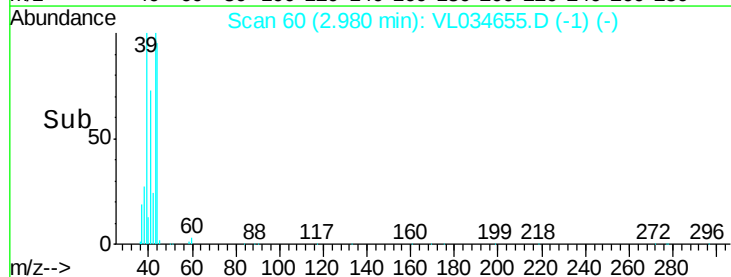
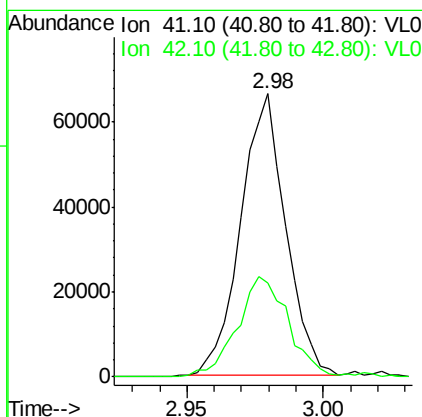
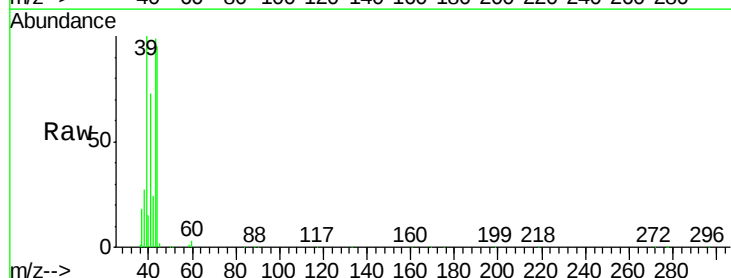
RT: 2.98 min Scan# 60

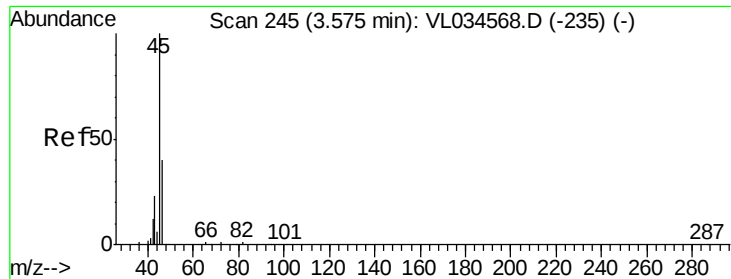
Delta R.T. 0.01 min

Lab File: VL034655.D

Acq: 19 Feb 2020 21:39

Tgt Ion:	41	Resp:	75552
Ion Ratio	Lower	Upper	
41	100		
42	41.0	57.0	85.4#





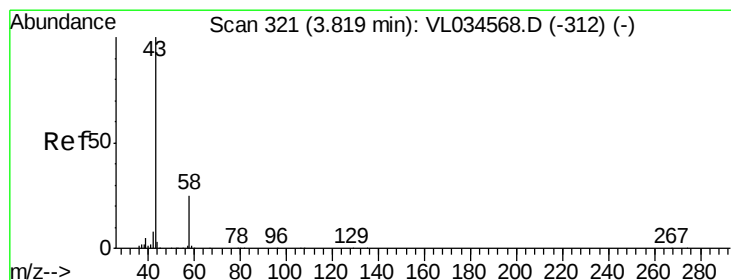
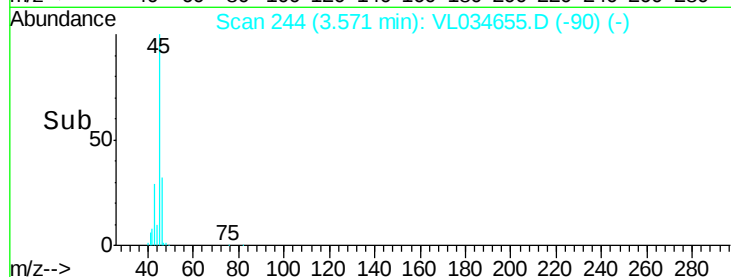
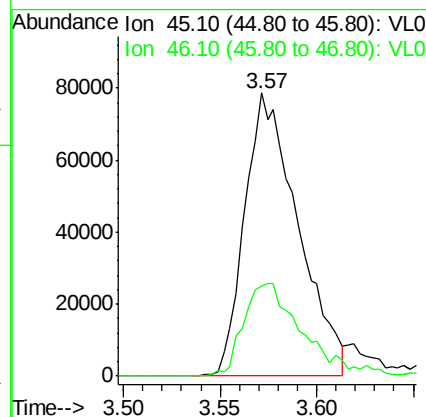
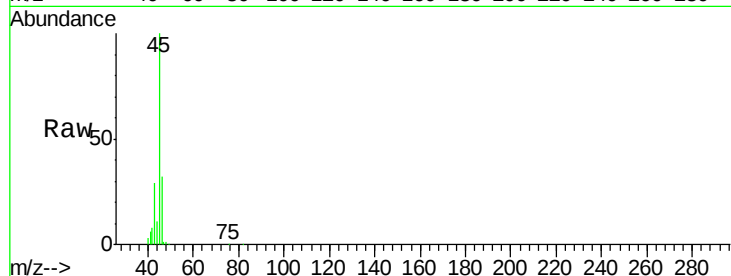
#13
Ethanol
Concen: 15.758 ppbv
RT: 3.57 min Scan# 244
Delta R.T. -0.00 min
Lab File: VL034655.D
Acq: 19 Feb 2020 21:39

Instrument :
MSVOA_L
ClientSampleId :
IA-1DL

Tot Ion	45	Resp	150372
Ion Ratio	45	100	
Lower	46	36.7	14.8
Upper			59.2

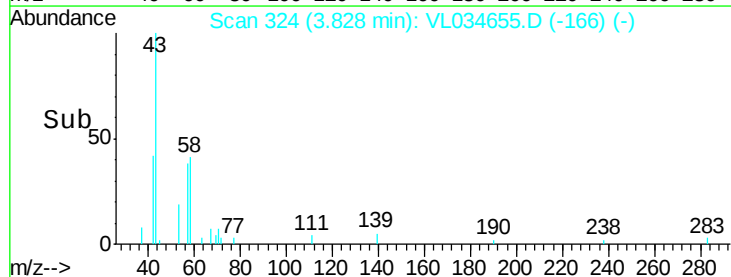
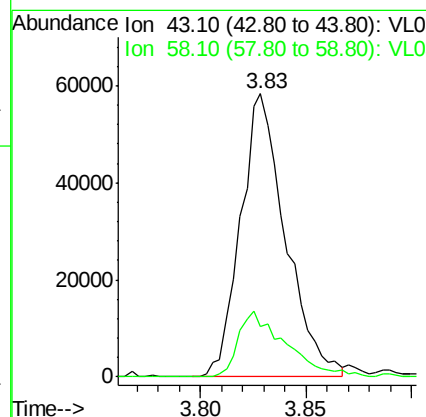
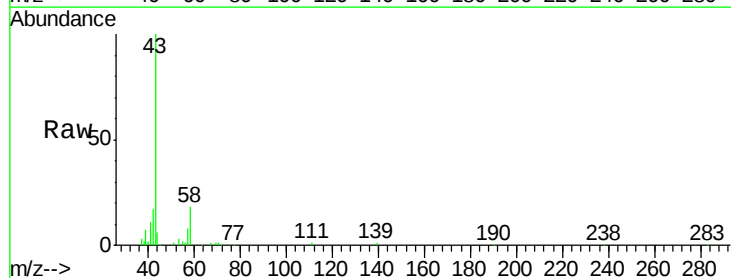
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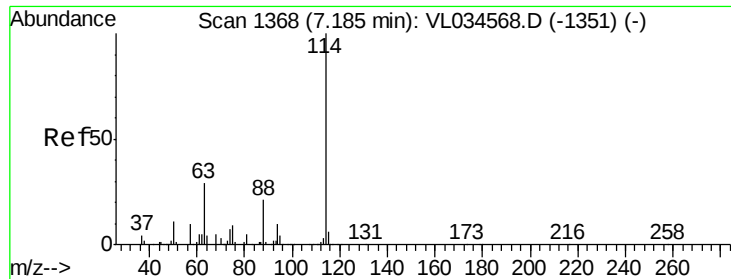
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#15
Acetone
Concen: 0.778 ppbv
RT: 3.83 min Scan# 324
Delta R.T. 0.01 min
Lab File: VL034655.D
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Tgt Ion	43	Resp	86595
Ion Ratio	43	100	
Lower	58	24.6	20.3
Upper			30.5





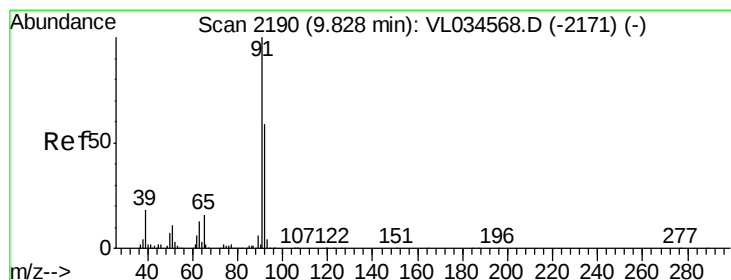
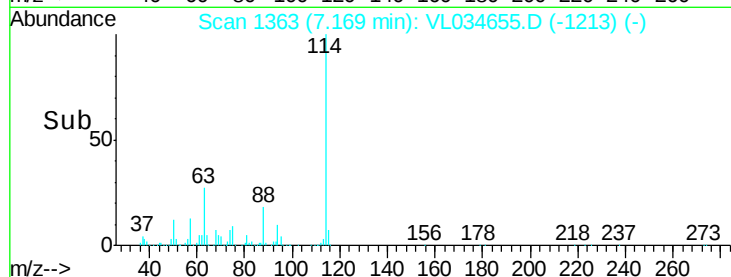
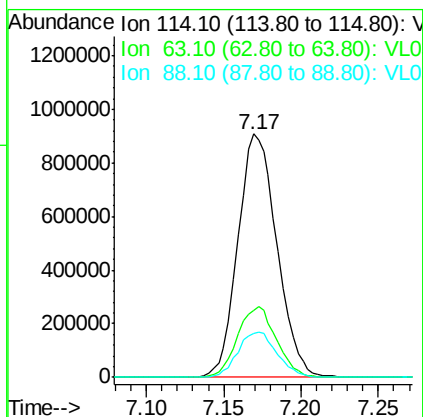
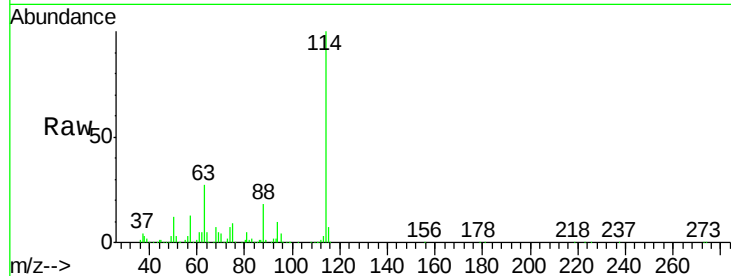
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.02 min
 Lab File: VL034655.D
 Acq: 19 Feb 2020 21:39

Instrument :
 MSVOA_L
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
114	100		
63	29.1	24.1	36.1
88	18.9	15.9	23.9

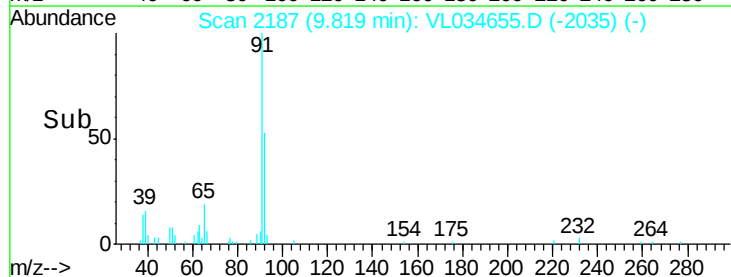
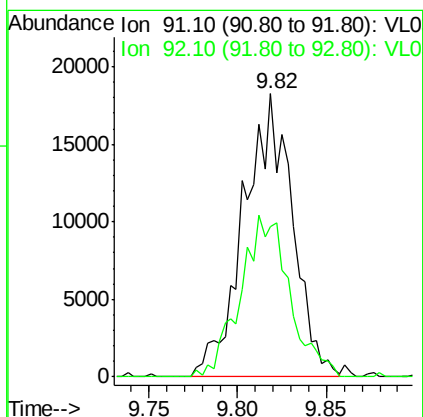
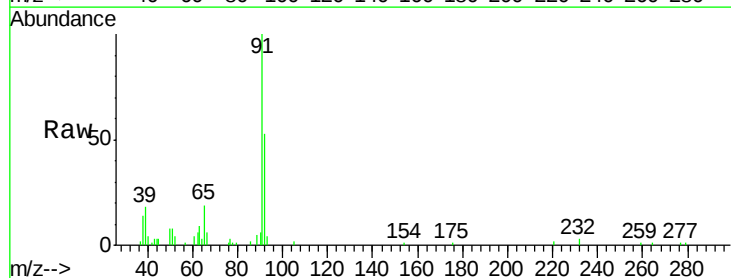
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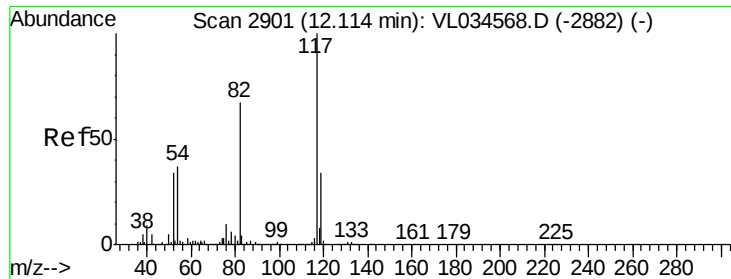
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#53
 Toluene
 Concen: 0.222 ppbv m
 RT: 9.82 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VL034655.D
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Tgt Ion	Ratio	Lower	Upper
91	100		
92	0.0	48.2	72.2#





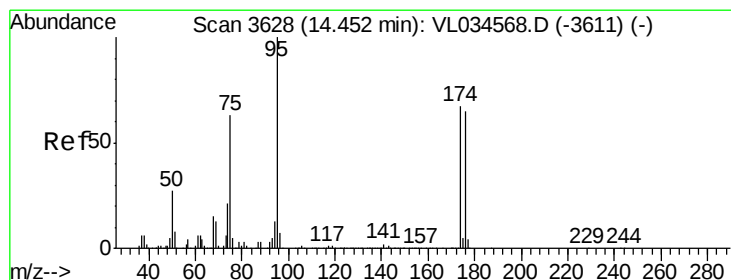
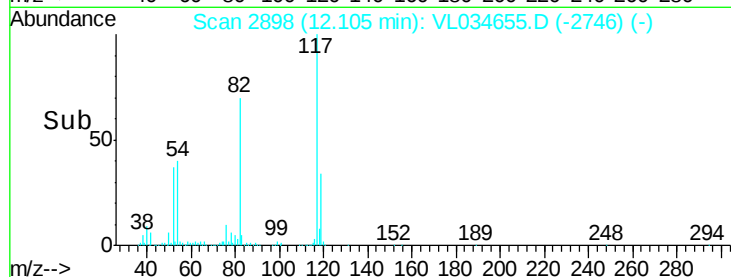
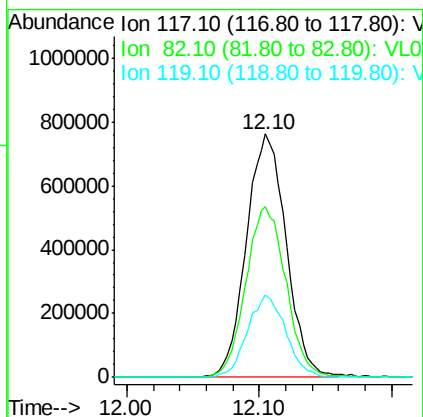
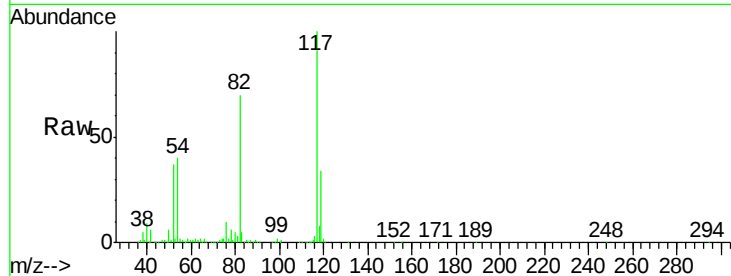
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.01 min
Lab File: VL034655.D
Acq: 19 Feb 2020 21:39

Instrument :
MSVOA_L
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IA-1DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	71.0	54.2	81.4
119	33.0	26.1	39.1

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.216 ppbv
RT: 14.44 min Scan# 3625
Delta R.T. -0.01 min
Lab File: VL034655.D
Acq: 19 Feb 2020 21:39

Tgt Ion	Ratio	Lower	Upper
95	100		
174	63.2	52.3	78.5
175	4.5	3.8	5.6

