

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021920\
 Data File : VL034659.D
 Acq On : 20 Feb 2020 00:20
 Operator : SY/AP
 Sample : L1553-05DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2DL

Manual Integrations
 APPROVED

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 2/21/2020 3:24:29 PM

Quant Time: Feb 21 10:40:56 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	727855	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	1519924	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.10	117	1542130	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1315526	10.09	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.57	45	1104242	120.388	ppbv	100
15) Acetone	3.83	43	130849	1.223	ppbv	98
19) Isopropyl Alcohol	3.94	45	49301	0.790	ppbv #	88
53) Toluene	9.82	91	61335m	0.413	ppbv	

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

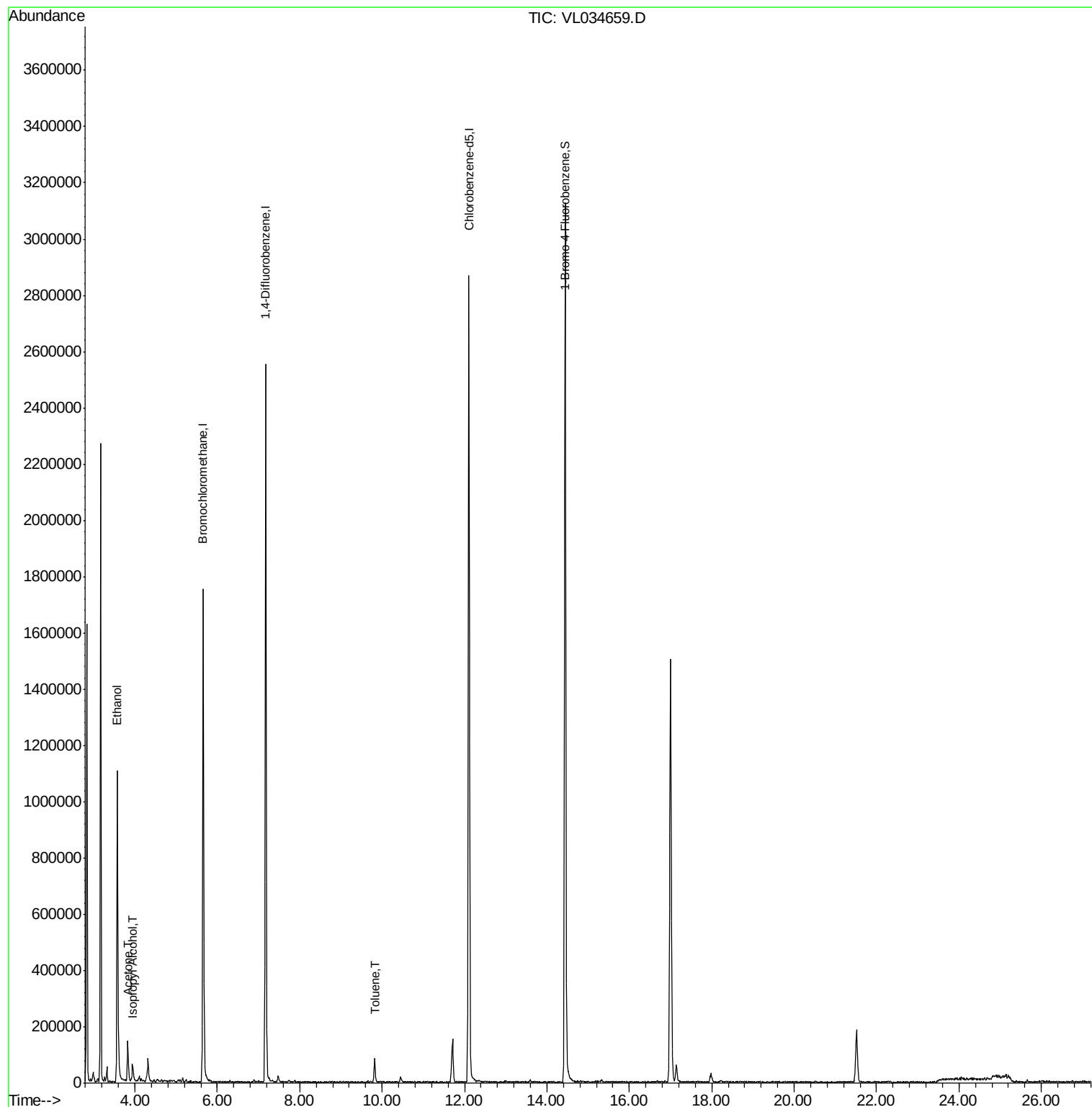
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL021920\
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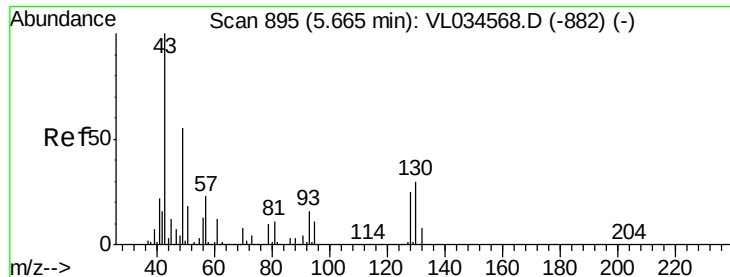
Instrument :
MSVOA_L
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan
QLast Update : Thu Jan 30 17:16:44 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.01 min

Lab File: VL034659.D

Acq: 20 Feb 2020 00:20

Instrument :

MSVOA_L

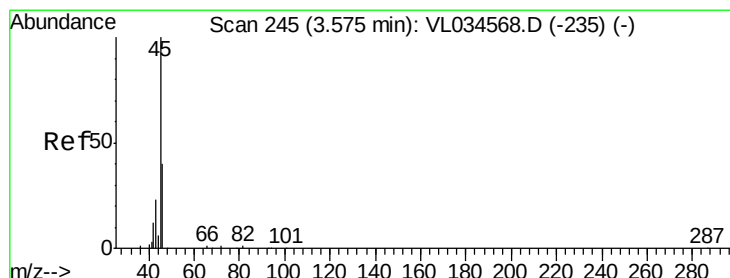
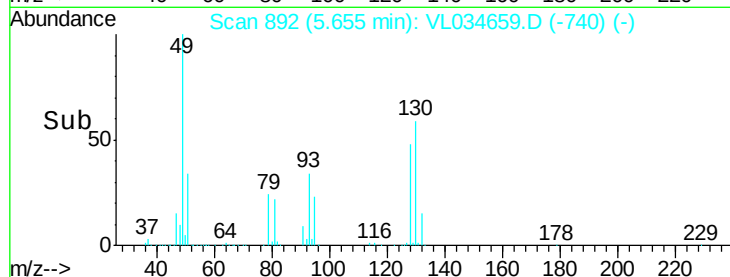
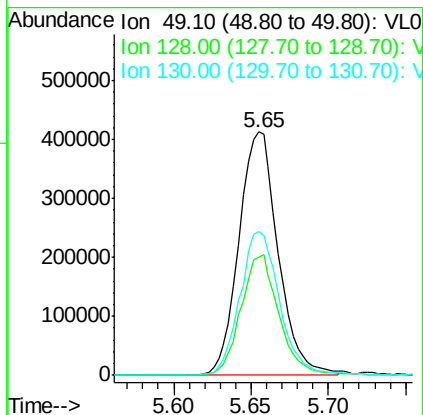
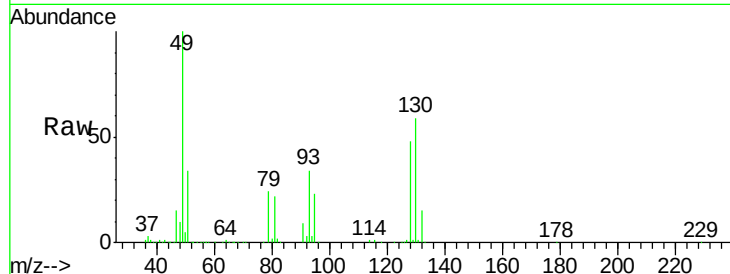
ClientSampled :

IA-2DL

Tot Ion	Ratio	Lower	Upper
49	100		
128	48.2	22.7	68.1
130	60.5	28.6	85.8

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#13

Ethanol

Concen: 120.388 ppbv

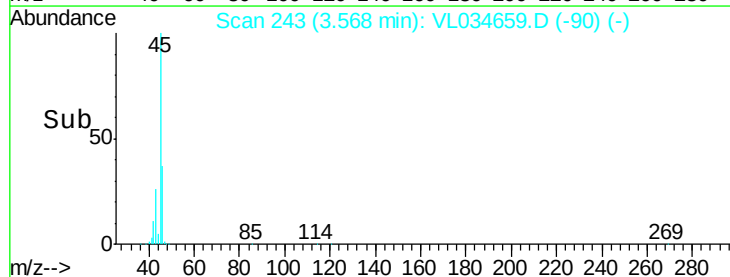
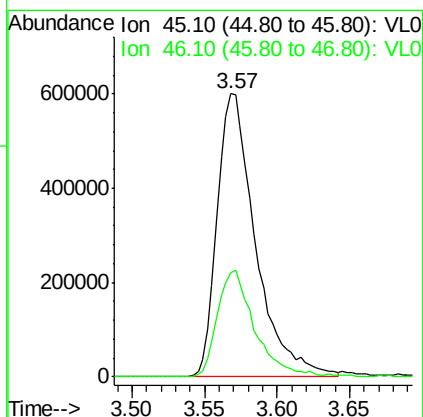
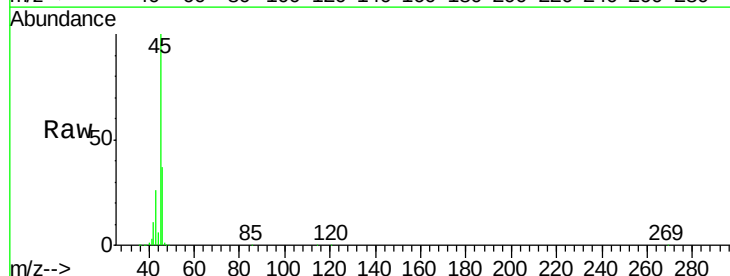
RT: 3.57 min Scan# 243

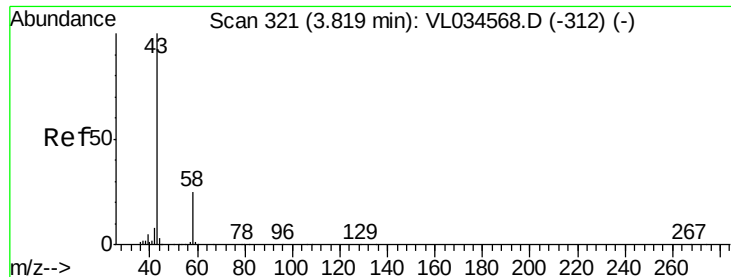
Delta R.T. -0.01 min

Lab File: VL034659.D

Acq: 20 Feb 2020 00:20

Tgt Ion	Ratio	Lower	Upper
45	100		
46	37.2	14.8	59.2





#15

Acetone

Concen: 1.223 ppbv

RT: 3.83 min Scan# 323

Delta R.T. 0.01 min

Lab File: VL034659.D

Acq: 20 Feb 2020 00:20

Instrument :

MSVOA_L

ClientSampled :

IA-2DL

Tot Ion: 43 Resp: 130849

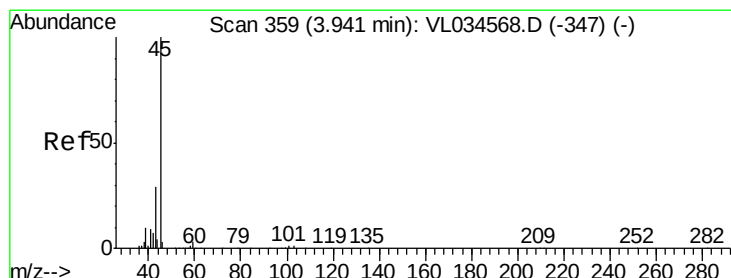
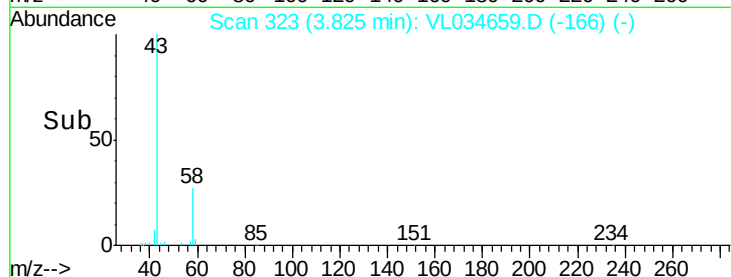
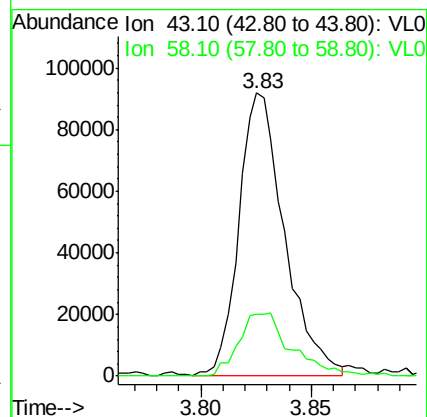
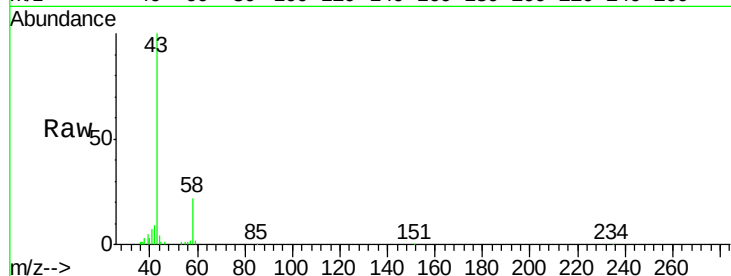
Ion Ratio Lower Upper

43 100

58 26.4 20.3 30.5

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#19

Isopropyl Alcohol

Concen: 0.790 ppbv

RT: 3.94 min Scan# 359

Delta R.T. -0.00 min

Lab File: VL034659.D

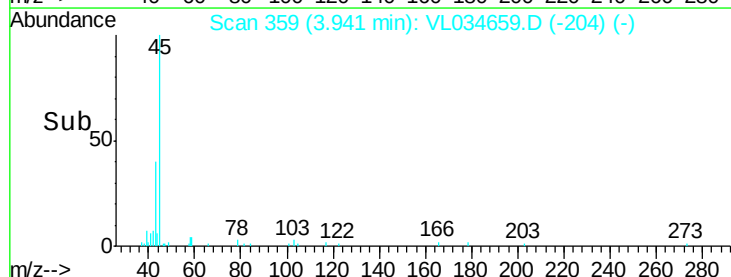
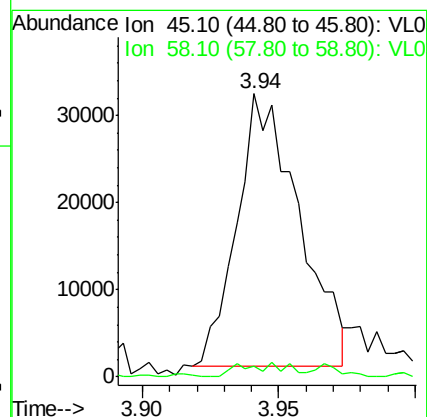
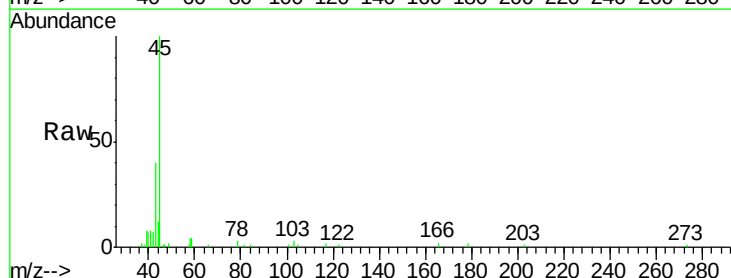
Acq: 20 Feb 2020 00:20

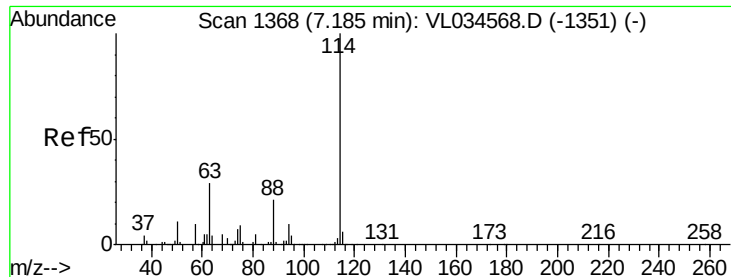
Tgt Ion: 45 Resp: 49301

Ion Ratio Lower Upper

45 100

58 6.1 1.7 2.5#





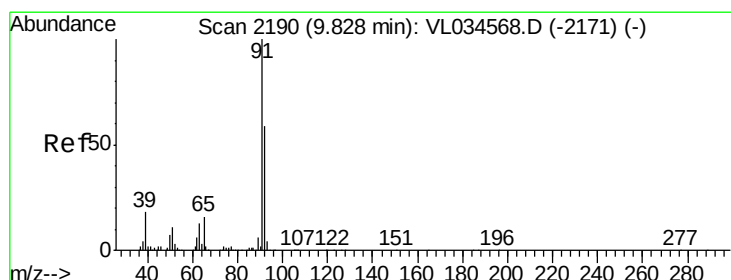
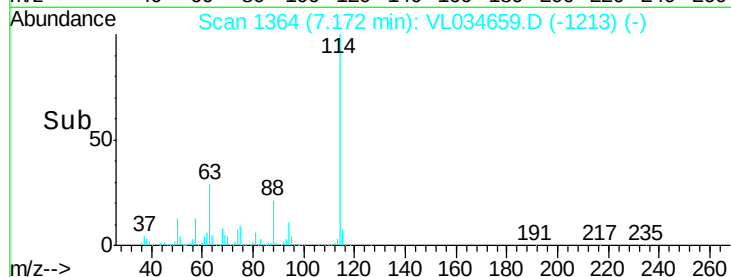
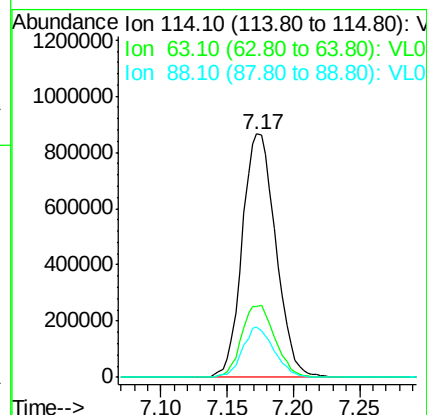
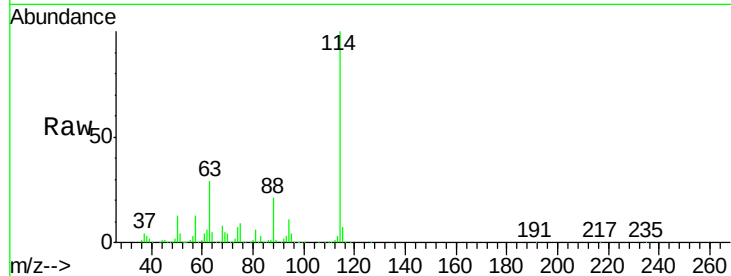
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VL034659.D
 Acq: 20 Feb 2020 00:20

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	29.6	24.1	36.1
88	19.5	15.9	23.9

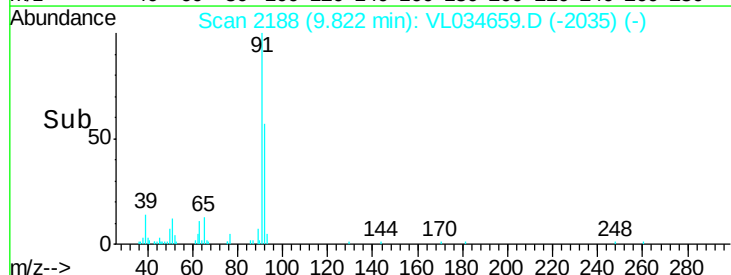
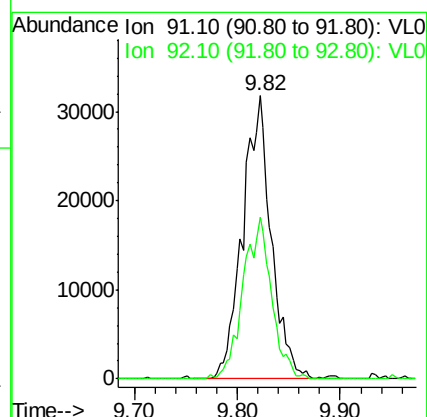
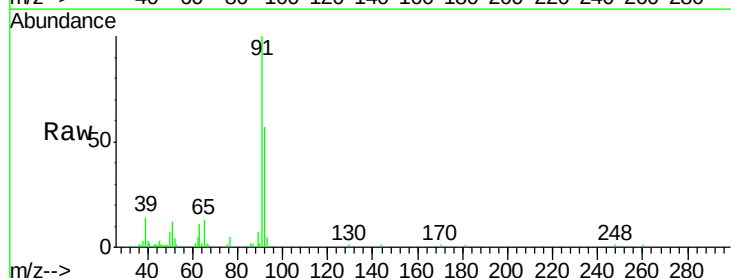
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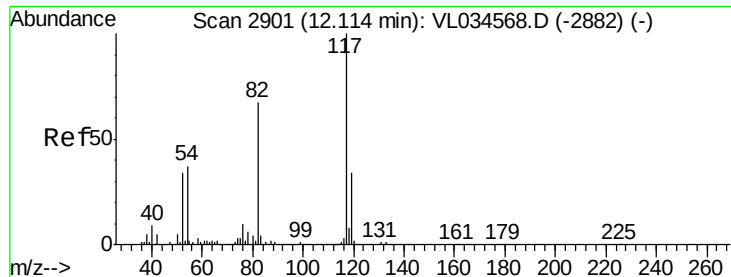
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#53
 Toluene
 Concen: 0.413 ppbv m
 RT: 9.82 min Scan# 2188
 Delta R.T. -0.01 min
 Lab File: VL034659.D
 Acq: 20 Feb 2020 00:20

Tgt Ion	Ratio	Lower	Upper
91	100		
92	0.0	48.2	72.2





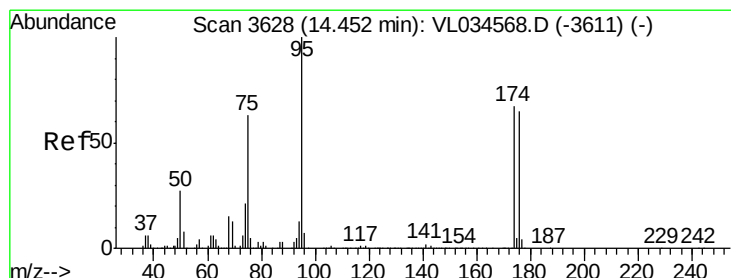
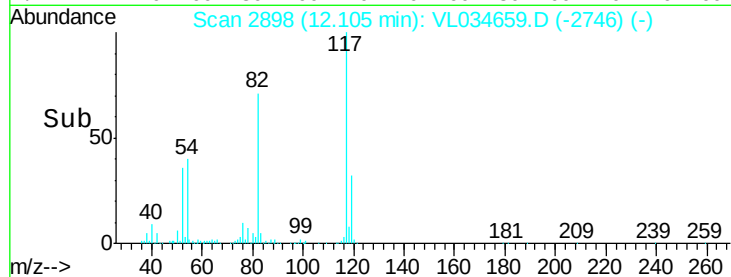
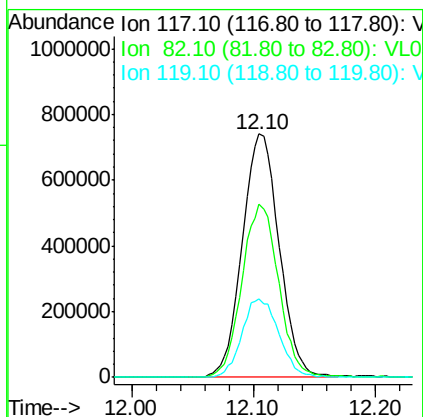
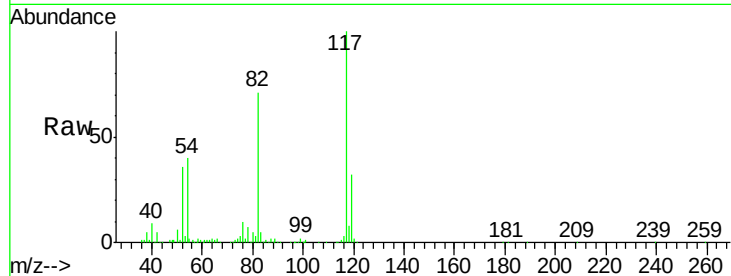
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.01 min
Lab File: VL034659.D
Acq: 20 Feb 2020 00:20

Instrument :
MSVOA_L
ClientSampleId :
IA-2DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	71.0	54.2	81.4
119	32.3	26.1	39.1

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.094 ppbv
RT: 14.44 min Scan# 3625
Delta R.T. -0.01 min
Lab File: VL034659.D
Acq: 20 Feb 2020 00:20

Tgt Ion	Ratio	Lower	Upper
95	100		
174	64.2	52.3	78.5
175	4.7	3.8	5.6

