

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092718\
 Data File : VL032568.D
 Acq On : 28 Sep 2018 3:23
 Operator : SY/AP
 Sample : J5094-03DL 10X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 PIA-1DL

Manual Integrations
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 10/1/2018 11:57:50 AM

Quant Time: Sep 29 22:35:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Sep 2
 QLast Update : Tue Sep 25 05:17:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.79	49	1339063	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.32	114	2944195	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.27	117	2918757	10.00	ppbv	-0.02

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.61	95	2174295	9.88	ppbv	-0.02	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chlorodifluoromethane	3.03	51	113507	1.019	ppbv	98
9) Propene	3.07	41	56322m	1.166	ppbv	
13) Ethanol	3.67	45	478273	32.933	ppbv	96
15) Acetone	3.93	43	400721	3.409	ppbv	100
26) Hexane	5.81	57	32162m	0.250	ppbv	
53) Toluene	9.98	91	40398m	0.139	ppbv	

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

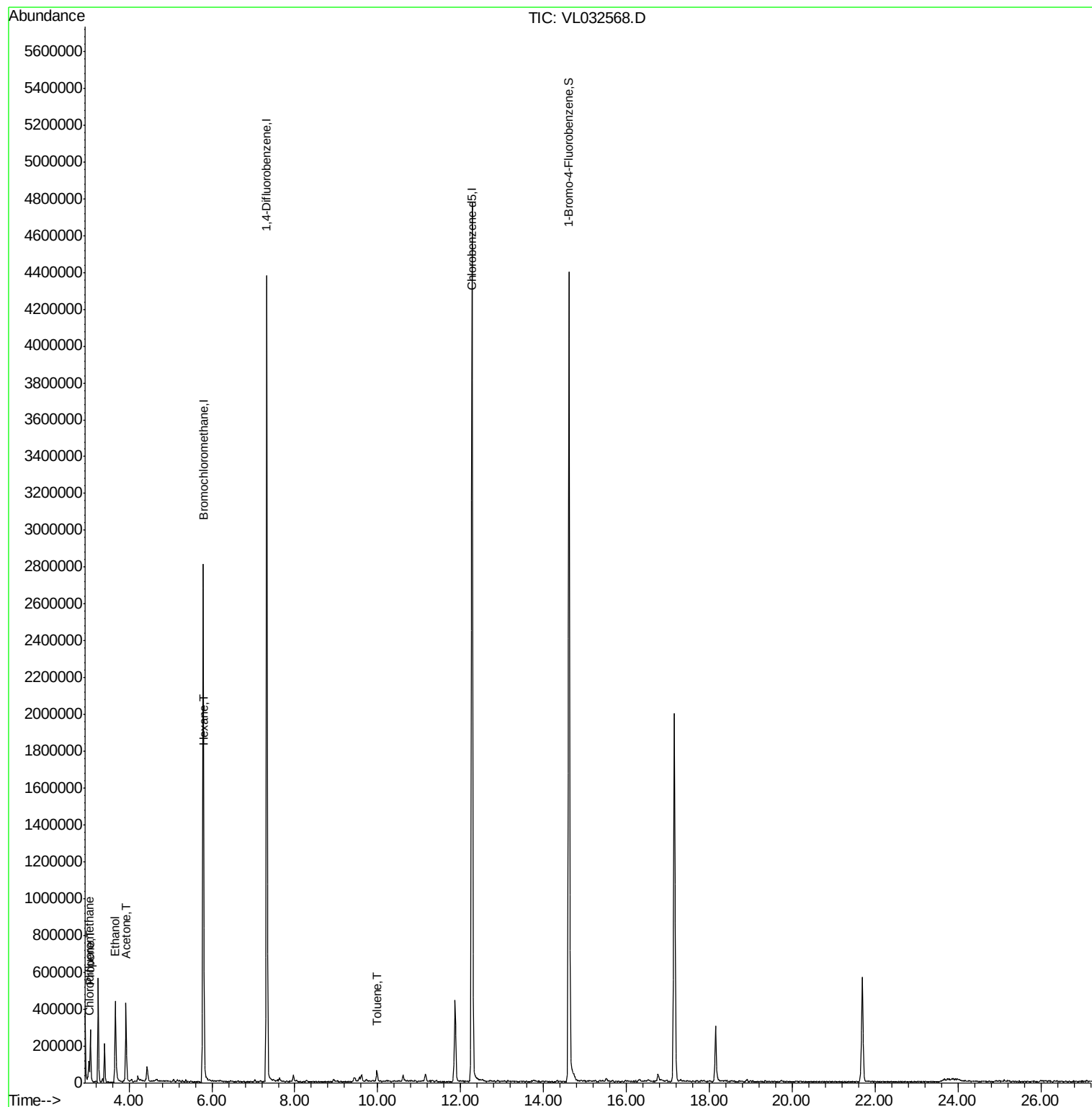
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL092718\
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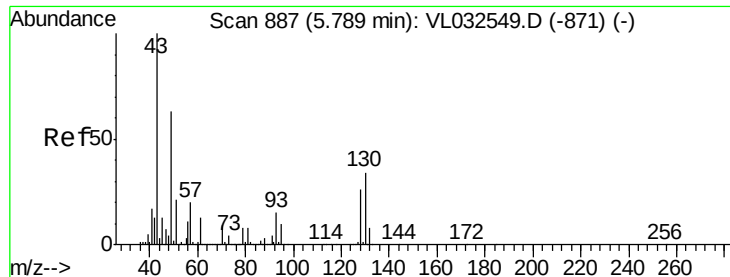
Instrument :
MSVOA_L
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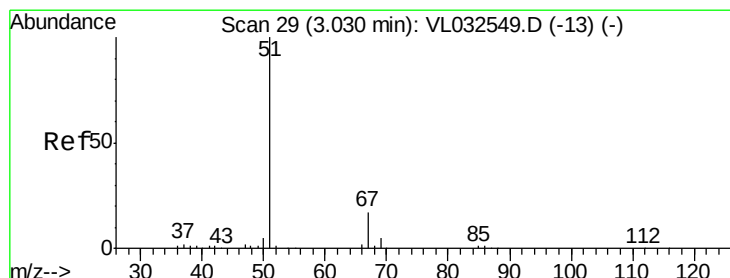
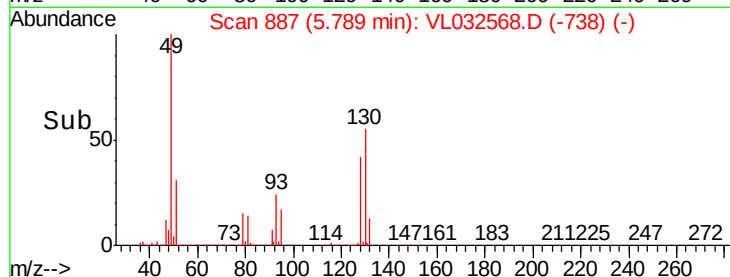
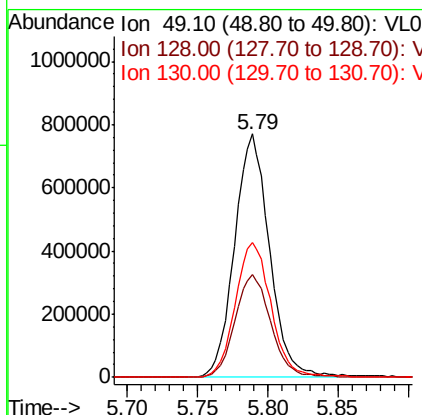
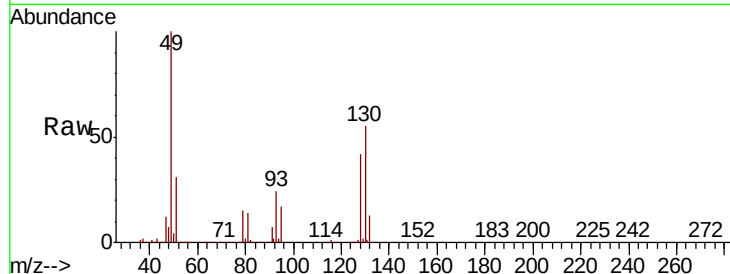
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.79 min Scan# 887
Delta R.T. -0.02 min
Lab File: VL032568.D
Acq: 28 Sep 2018 3:23

Instrument :
MSVOA_L
ClientSampleID :
PIA-1DL

Tgt Ion: 49 Resp: 1339063
Ion Ratio Lower Upper
49 100
128 43.5 20.7 62.1
130 57.2 26.6 79.7

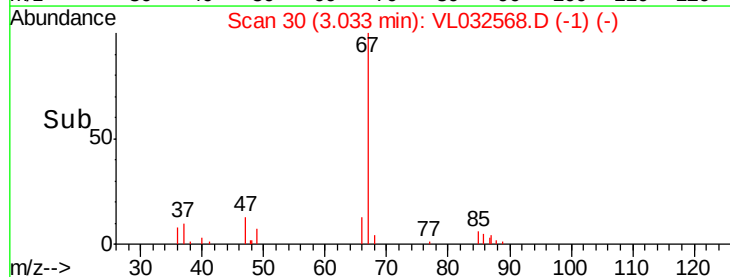
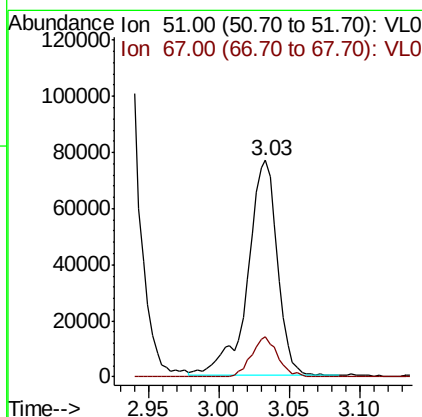
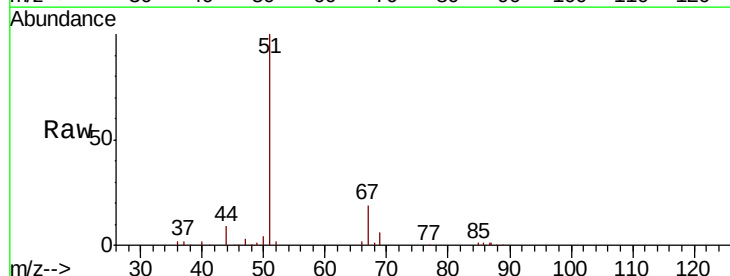
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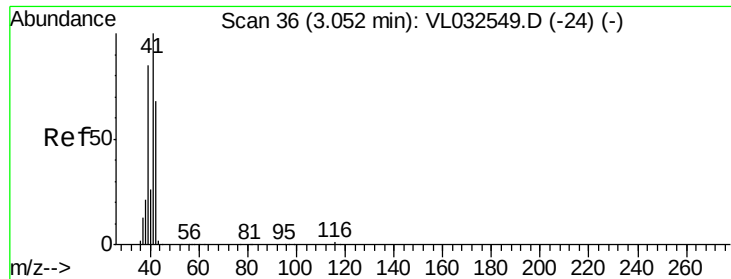
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#3
Chlorodifluoromethane
Concen: 1.019 ppbv
RT: 3.03 min Scan# 30
Delta R.T. -0.01 min
Lab File: VL032568.D
Acq: 28 Sep 2018 3:23

Tgt Ion: 51 Resp: 113507
Ion Ratio Lower Upper
51 100
67 16.4 13.8 20.8





#9

Propene

Concen: 1.166 ppbv m

RT: 3.07 min Scan# 40

Delta R.T. -0.00 min

Lab File: VL032568.D

Acq: 28 Sep 2018 3:23

Instrument :

MSVOA_L

ClientSampleId :

PIA-1DL

Tgt Ion: 41 Resp: 56322

Ion Ratio Lower Upper

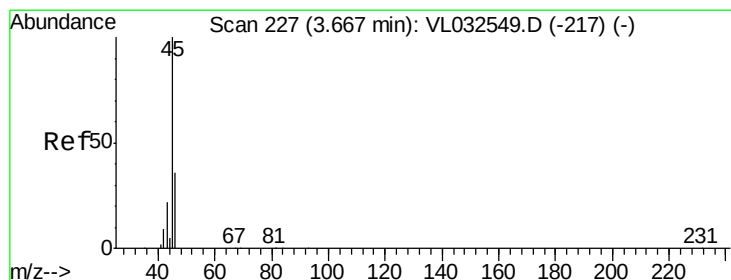
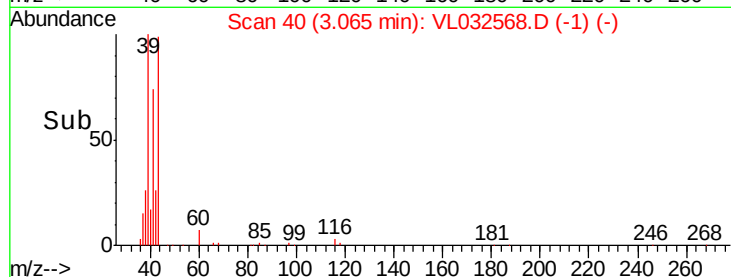
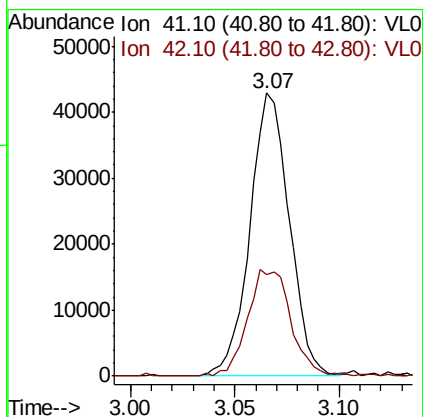
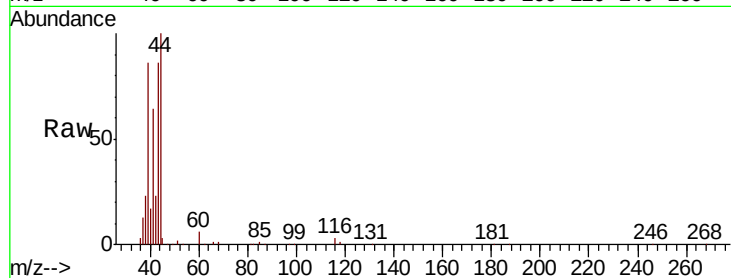
41 100

42 177.2 56.6 84.8#

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#13

Ethanol

Concen: 32.933 ppbv

RT: 3.67 min Scan# 228

Delta R.T. -0.01 min

Lab File: VL032568.D

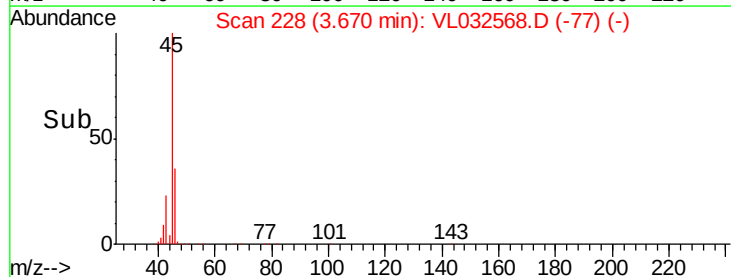
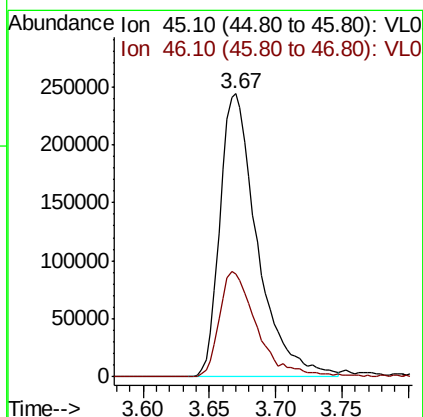
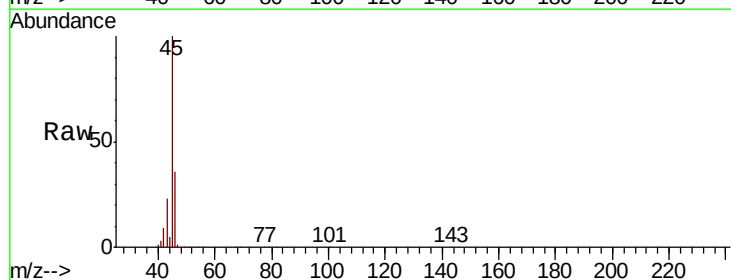
Acq: 28 Sep 2018 3:23

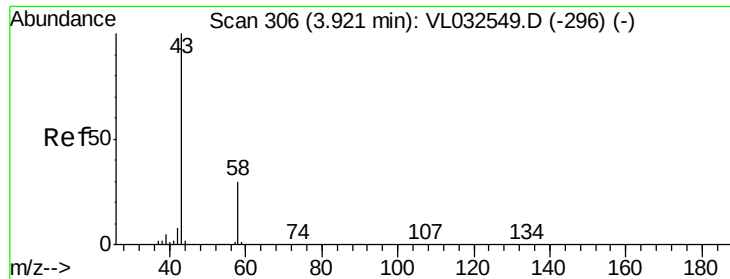
Tgt Ion: 45 Resp: 478273

Ion Ratio Lower Upper

45 100

46 38.0 14.2 56.8





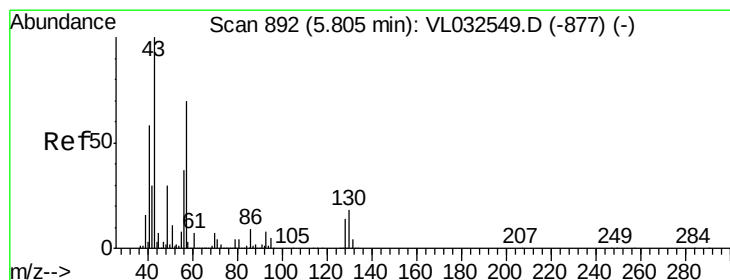
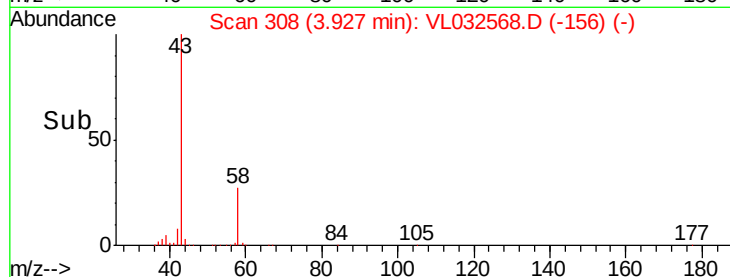
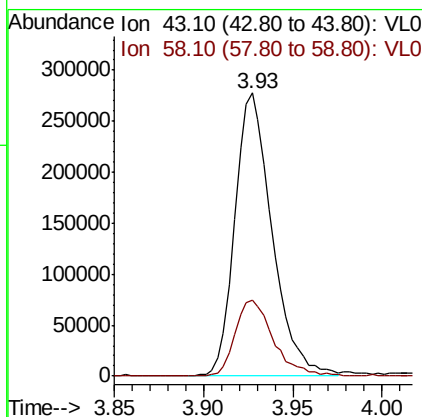
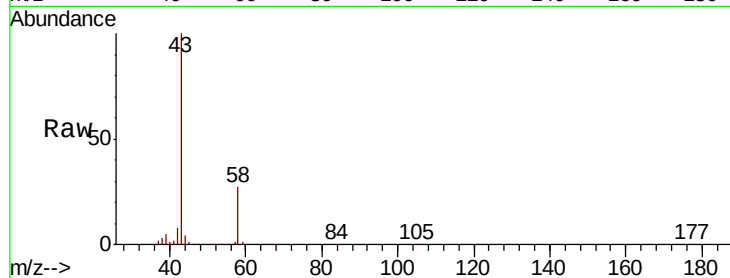
#15
Acetone
Concen: 3.409 ppbv
RT: 3.93 min Scan# 308
Delta R.T. -0.01 min
Lab File: VL032568.D
Acq: 28 Sep 2018 3:23

Instrument :
MSVOA_L
ClientSampleId :
PIA-1DL

Tgt Ion: 43 Resp: 400721
Ion Ratio Lower Upper
43 100
58 28.2 22.6 33.8

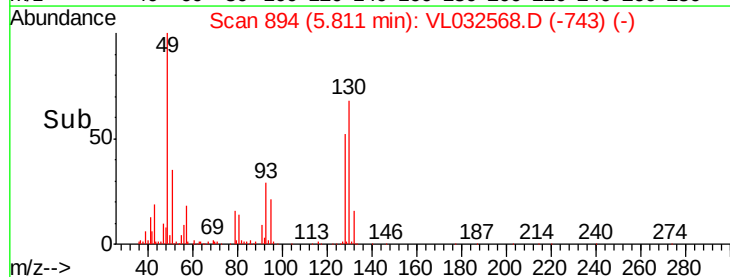
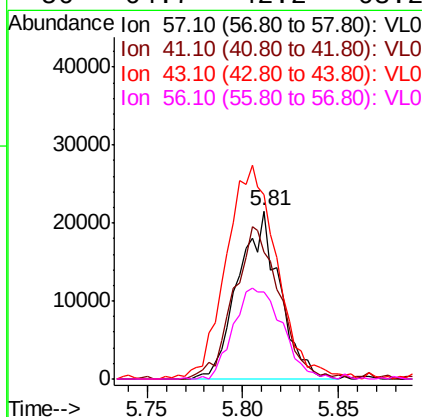
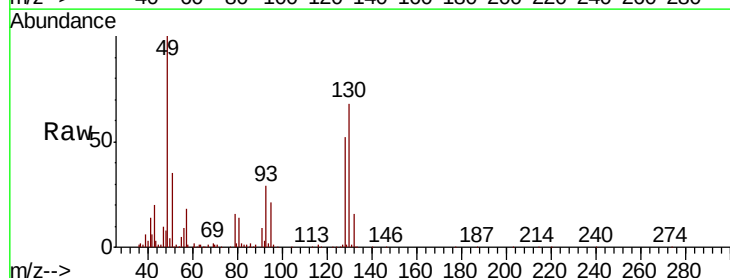
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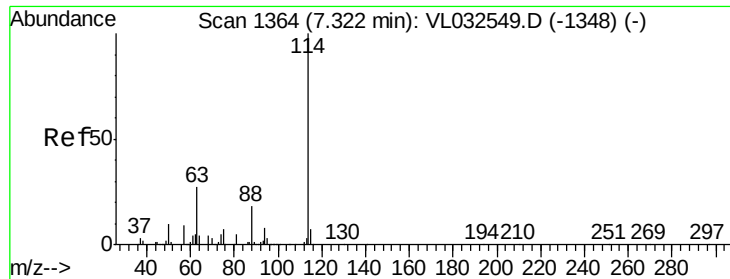
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#26
Hexane
Concen: 0.250 ppbv m
RT: 5.81 min Scan# 894
Delta R.T. -0.01 min
Lab File: VL032568.D
Acq: 28 Sep 2018 3:23

Tgt Ion: 57 Resp: 32162
Ion Ratio Lower Upper
57 100
41 101.2 69.0 103.4
43 158.8 172.1 258.1#
56 64.7 42.2 63.2#





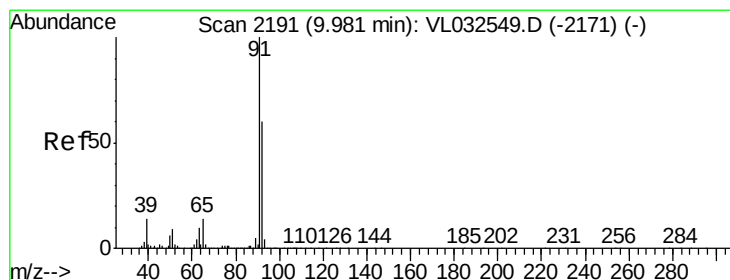
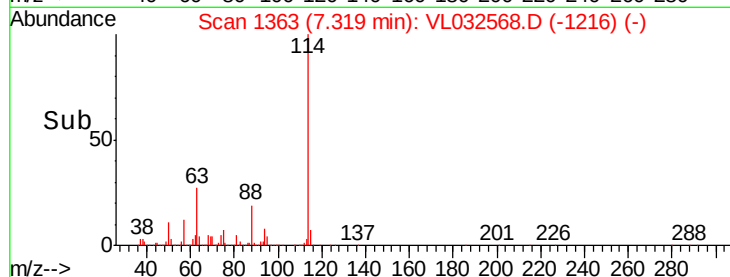
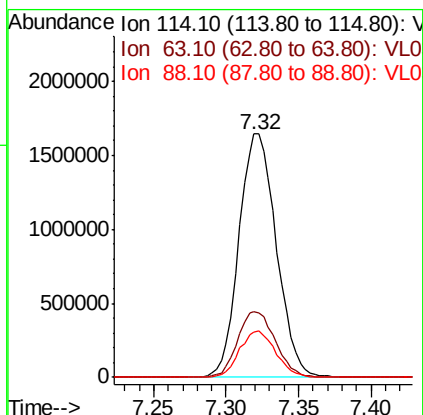
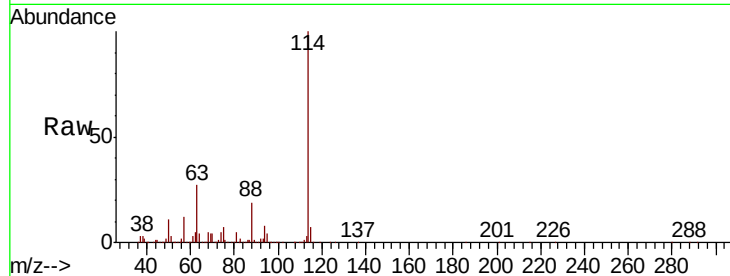
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.32 min Scan# 1363
 Delta R.T. -0.03 min
 Lab File: VL032568.D
 Acq: 28 Sep 2018 3:23

Instrument :
 MSVOA_L
 ClientSampleId :
 PIA-1DL

Tgt Ion	Ratio	Lower	Upper
114	100		
63	27.4	22.2	33.4
88	18.5	15.0	22.4

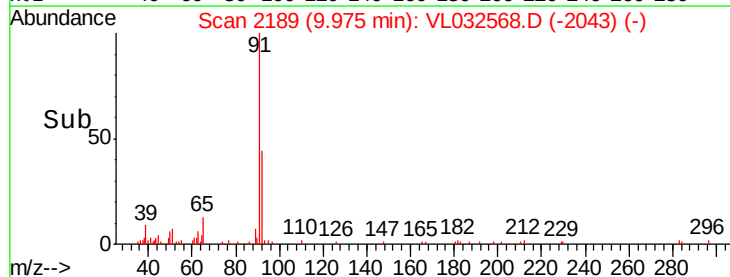
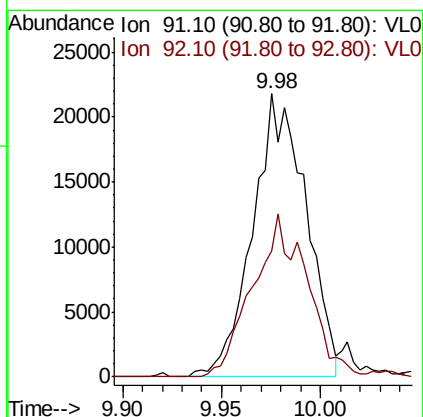
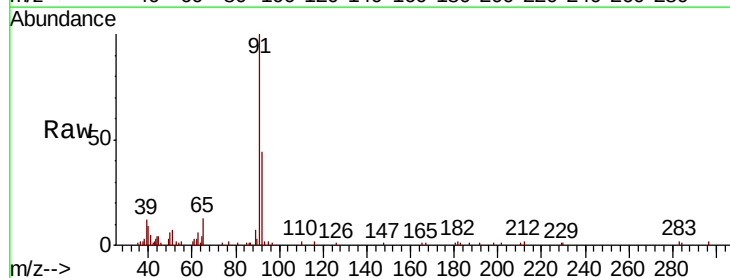
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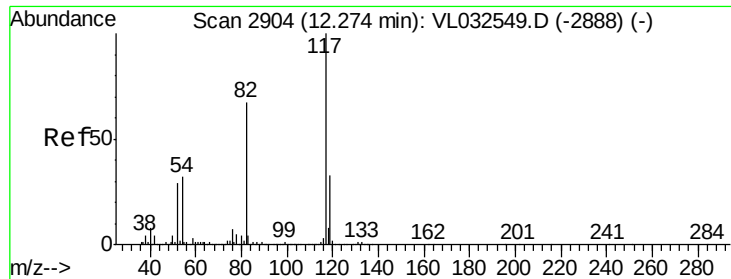
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#53
 Toluene
 Concen: 0.139 ppbv m
 RT: 9.98 min Scan# 2189
 Delta R.T. -0.03 min
 Lab File: VL032568.D
 Acq: 28 Sep 2018 3:23

Tgt Ion	Ratio	Lower	Upper
91	100		
92	0.0	48.1	72.1#





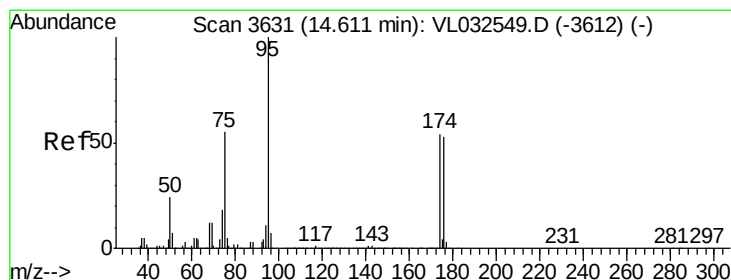
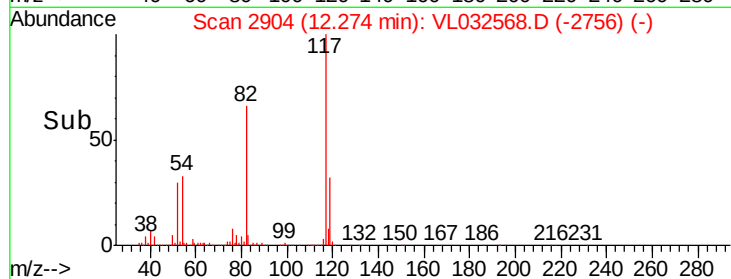
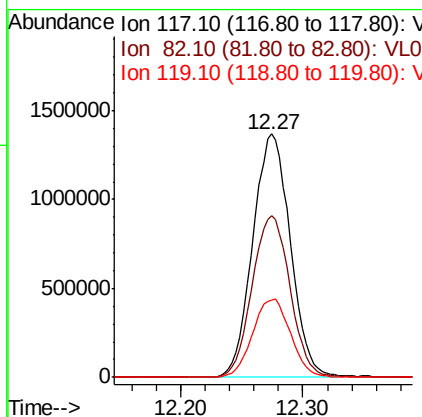
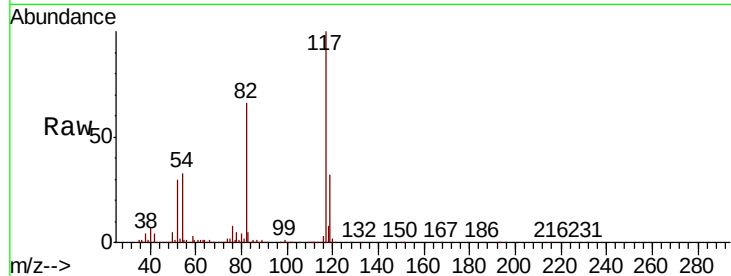
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.27 min Scan# 2904
Delta R.T. -0.02 min
Lab File: VL032568.D
Acq: 28 Sep 2018 3:23

Instrument :
MSVOA_L
ClientSampleId :
PIA-1DL

Tgt Ion	Ratio	Lower	Upper
117	100		
82	67.6	53.0	79.6
119	32.7	45.9	68.9#

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.878 ppbv
RT: 14.61 min Scan# 3631
Delta R.T. -0.02 min
Lab File: VL032568.D
Acq: 28 Sep 2018 3:23

Tgt Ion	Ratio	Lower	Upper
95	100		
174	58.4	46.3	69.5
175	4.0	3.4	5.0

