

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092718\
 Data File : VL032554.D
 Acq On : 27 Sep 2018 17:59
 Operator : SY/AP
 Sample : J5136-01DL 10X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 239-LODGEDL

Manual Integrations
 APPROVED

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 10/1/2018 11:57:39 AM

Quant Time: Sep 28 03:10:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Sep 28 03:10:42 2018
 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	1408927	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.32	114	3122015	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.27	117	3331445	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.61	95	2329876	9.27	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chlorodifluoromethane	3.03	51	160742	1.372	ppbv	100
13) Ethanol	3.68	45	33576m	2.197	ppbv	
15) Acetone	3.93	43	125739	1.017	ppbv	96
20) Methylene Chloride	4.43	84	106439	1.777	ppbv	100
26) Hexane	5.80	57	46781m	0.345	ppbv	
34) 2-Butanone	5.37	43	30639	0.165	ppbv	91

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

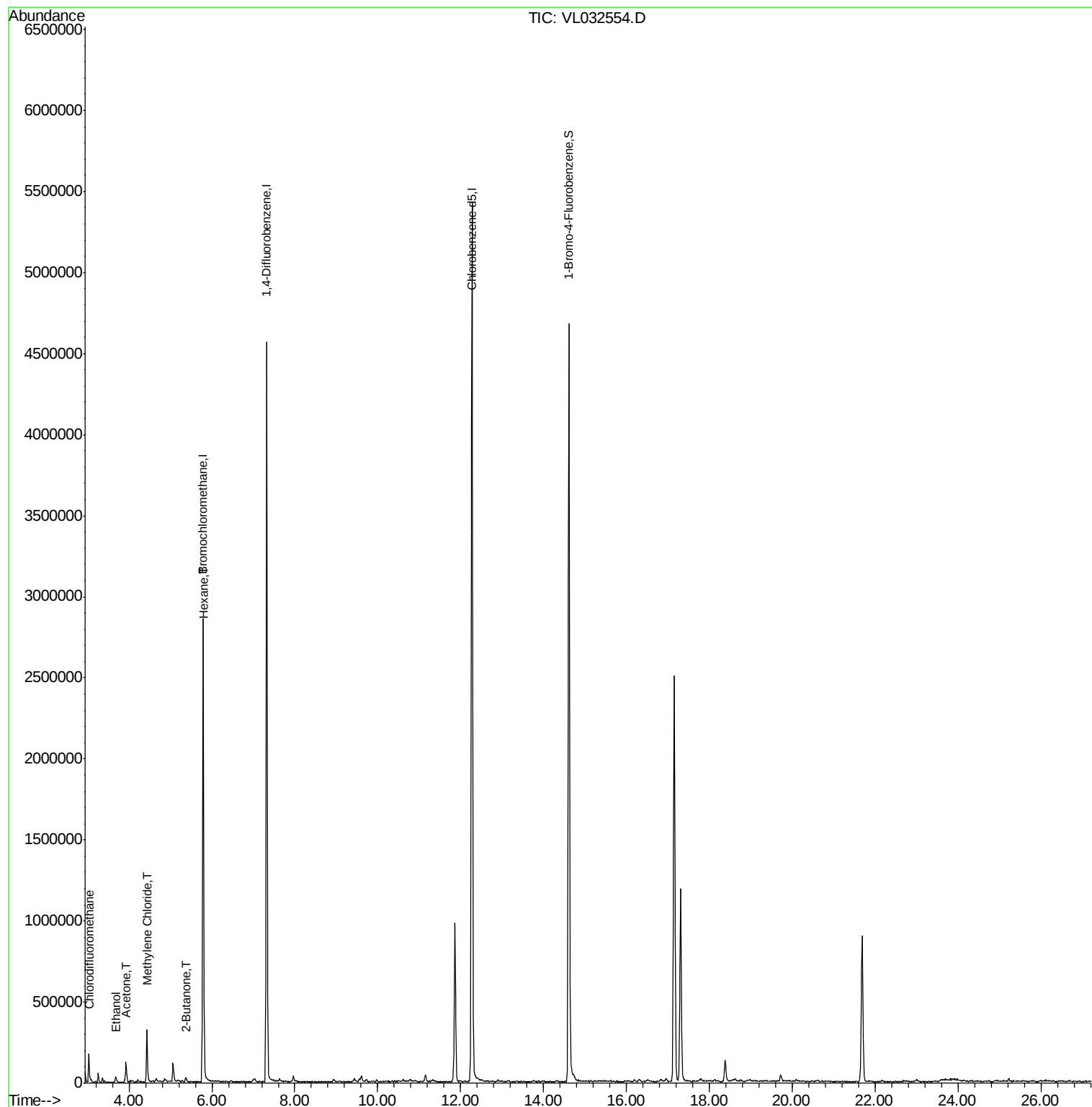
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL092718\
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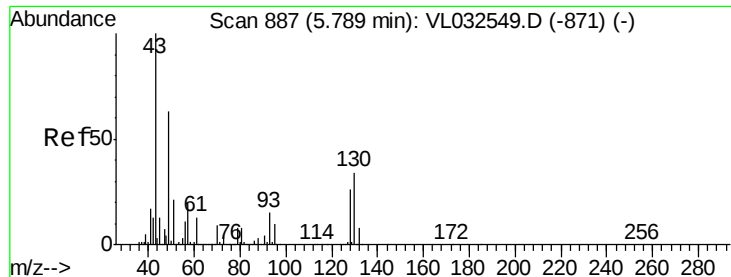
Instrument :
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ClientSampleId :
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QLast Update : Tue Sep 25 05:17:15 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.79 min Scan# 886

Delta R.T. -0.02 min

Lab File: VL032554.D

Acq: 27 Sep 2018 17:59

Instrument :

MSVOA_L

ClientSampleId :

239-LODGEDL

Tgt Ion: 49 Resp: 1408927

Ion Ratio Lower Upper

49 100

128 43.9 20.7 62.1

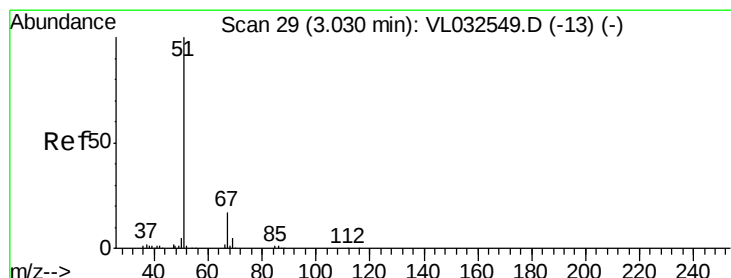
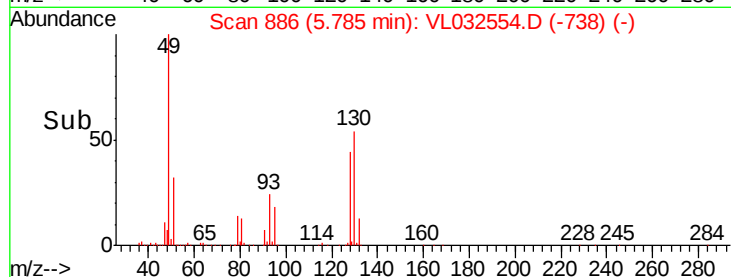
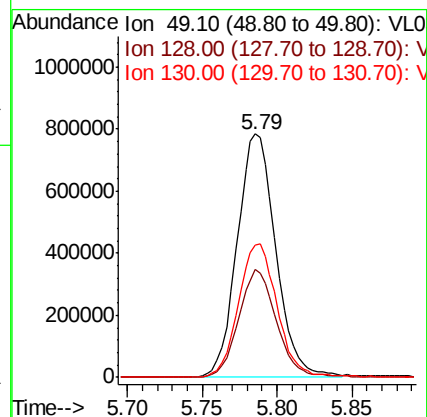
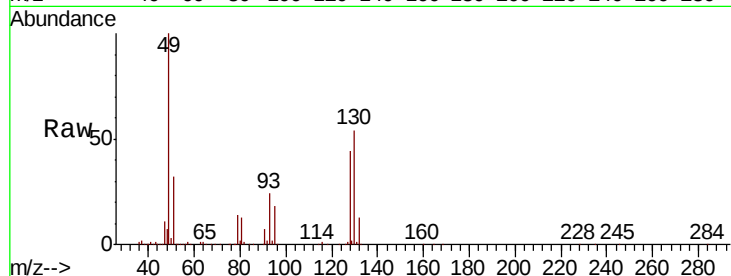
130 55.4 26.6 79.7

Manual Integrations

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#3

Chlorodifluoromethane

Concen: 1.372 ppbv

RT: 3.03 min Scan# 29

Delta R.T. -0.01 min

Lab File: VL032554.D

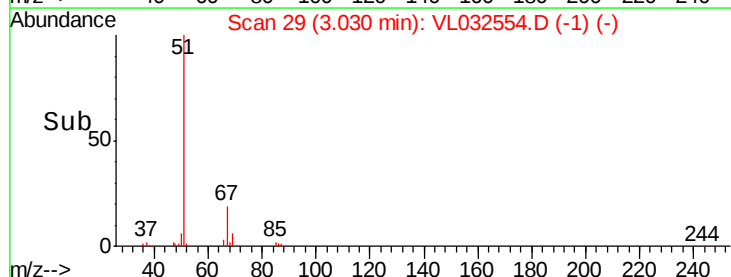
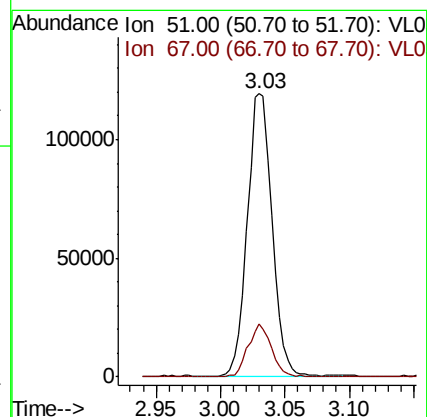
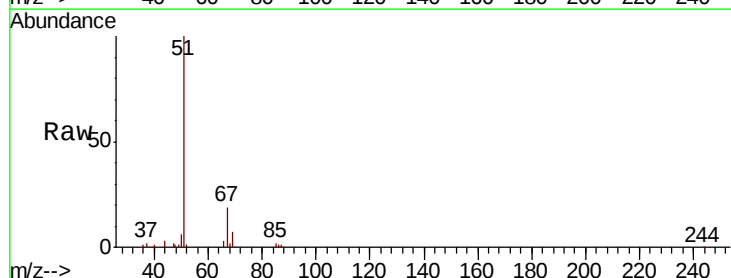
Acq: 27 Sep 2018 17:59

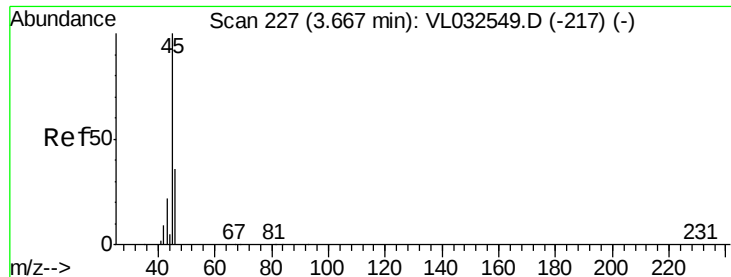
Tgt Ion: 51 Resp: 160742

Ion Ratio Lower Upper

51 100

67 17.4 13.8 20.8





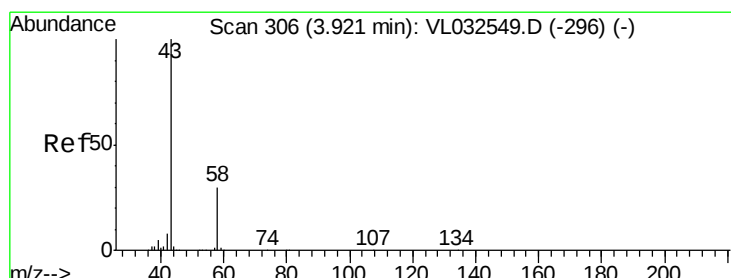
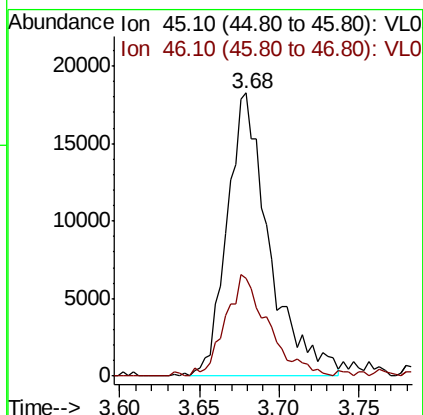
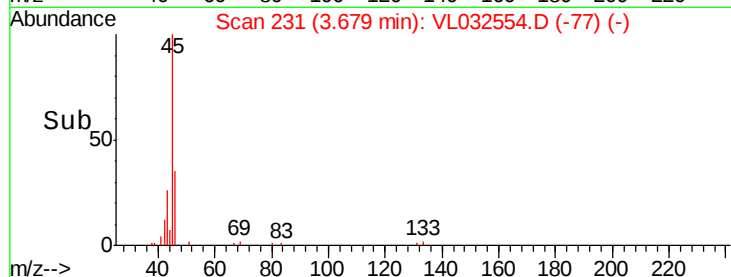
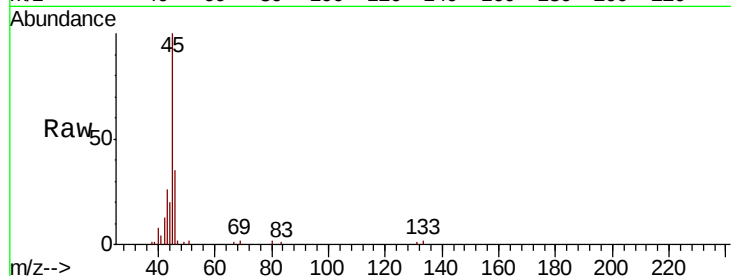
#13
Ethanol
Concen: 2.197 ppbv m
RT: 3.68 min Scan# 231
Delta R.T. -0.01 min
Lab File: VL032554.D
Acq: 27 Sep 2018 17:59

Instrument :
MSVOA_L
ClientSampleId :
239-LODGEDL

Tgt Ion: 45 Resp: 33576
Ion Ratio Lower Upper
45 100
46 36.8 14.2 56.8

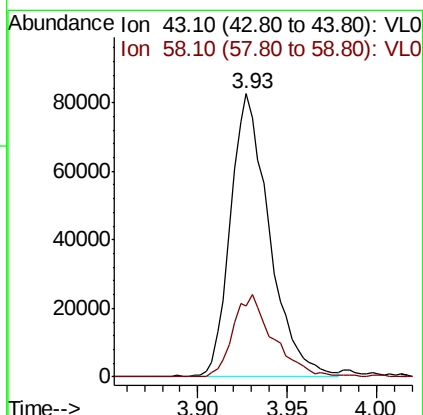
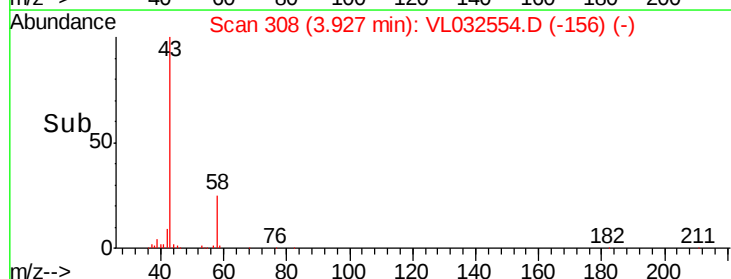
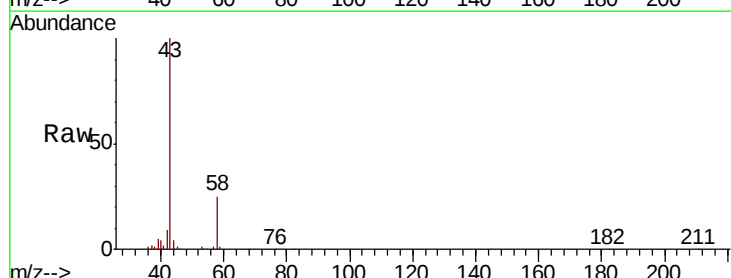
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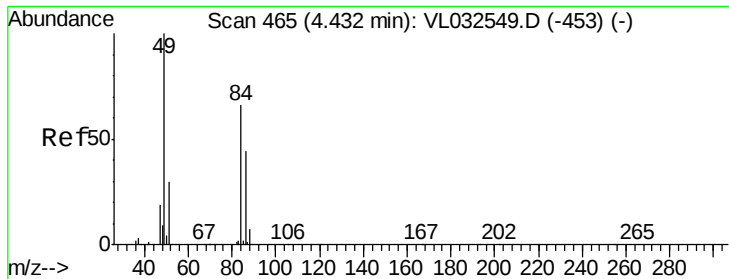
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#15
Acetone
Concen: 1.017 ppbv
RT: 3.93 min Scan# 308
Delta R.T. -0.01 min
Lab File: VL032554.D
Acq: 27 Sep 2018 17:59

Tgt Ion: 43 Resp: 125739
Ion Ratio Lower Upper
43 100
58 30.2 22.6 33.8





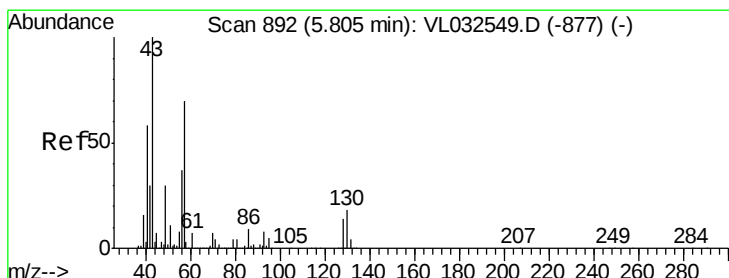
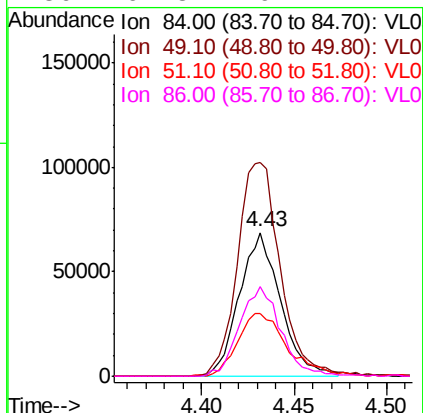
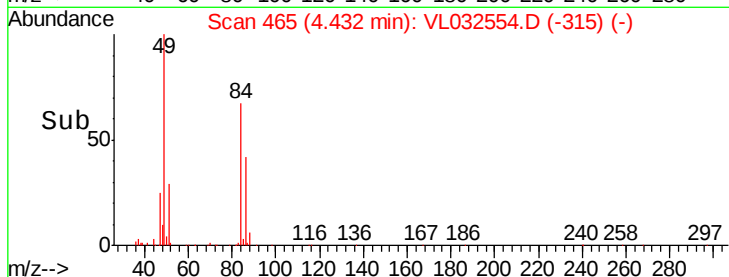
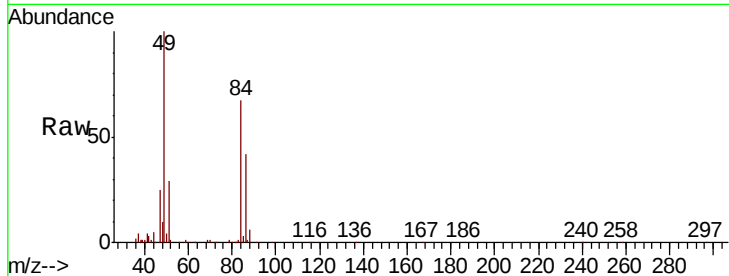
#20
Methylene Chloride
Concen: 1.777 ppbv
RT: 4.43 min Scan# 465
Delta R.T. -0.02 min
Lab File: VL032554.D
Acq: 27 Sep 2018 17:59

Instrument :
MSVOA_L
ClientSampleId :
239-LODGEDL

Tgt Ion	Ratio	Lower	Upper
84	100		
49	148.2	119.1	178.7
51	44.2	35.2	52.8
86	61.8	49.4	74.2

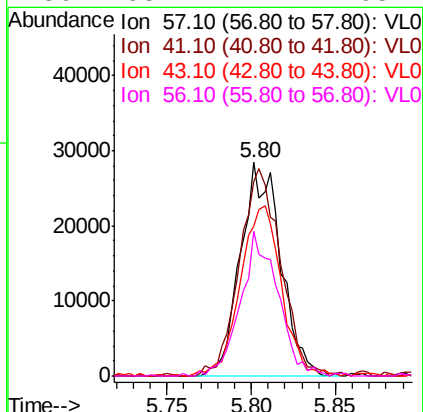
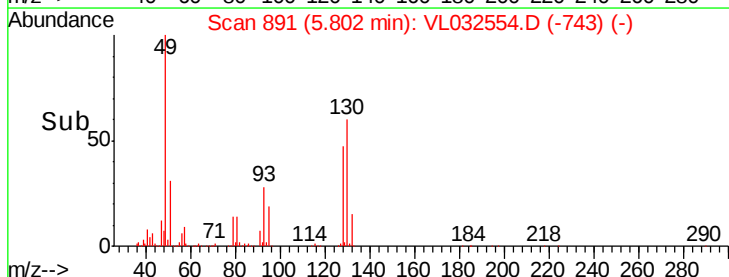
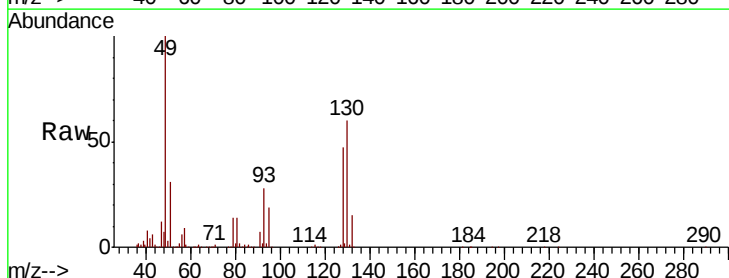
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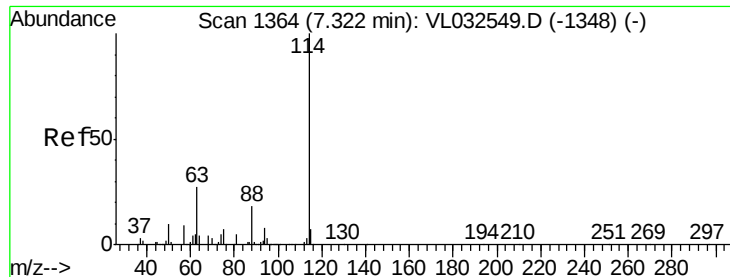
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#26
Hexane
Concen: 0.345 ppbv m
RT: 5.80 min Scan# 891
Delta R.T. -0.02 min
Lab File: VL032554.D
Acq: 27 Sep 2018 17:59

Tgt Ion	Ratio	Lower	Upper
57	100		
41	0.0	69.0	103.4#
43	0.0	172.1	258.1#
56	63.2	42.2	63.2





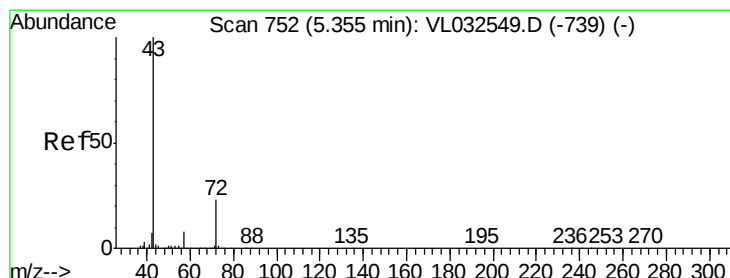
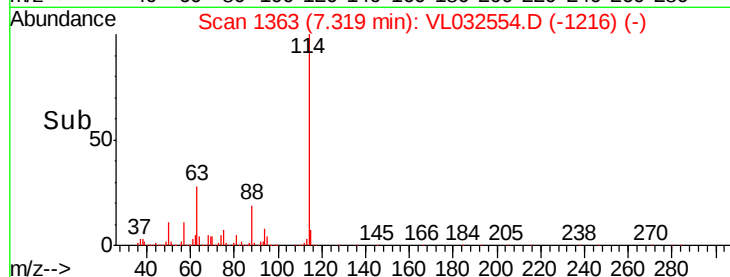
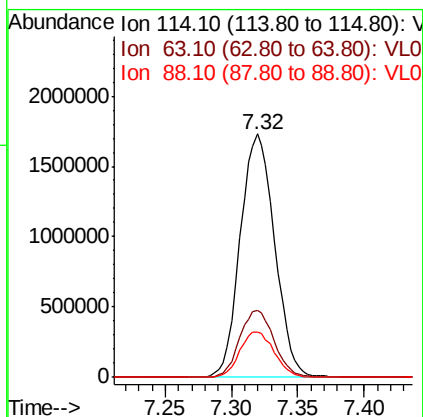
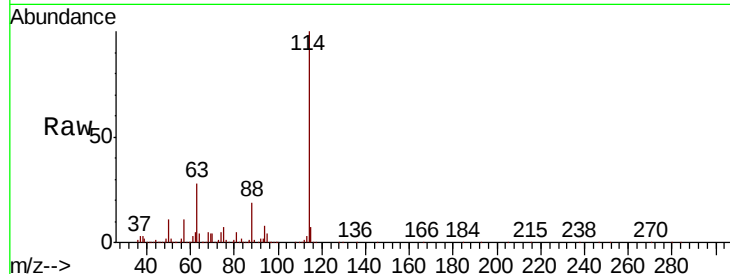
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.32 min Scan# 1363
 Delta R.T. -0.03 min
 Lab File: VL032554.D
 Acq: 27 Sep 2018 17:59

Instrument :
 MSVOA_L
 ClientSampleId :
 239-LODGEDL

Tgt Ion	Ratio	Lower	Upper
114	100		
63	27.6	22.2	33.4
88	18.8	15.0	22.4

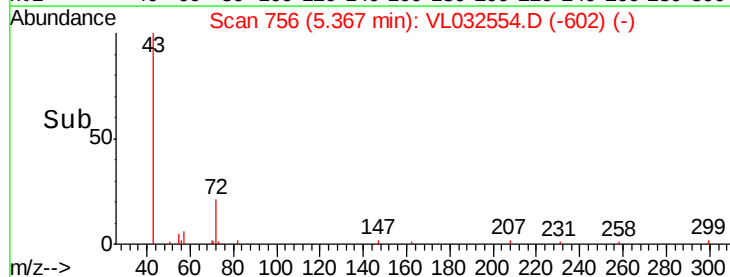
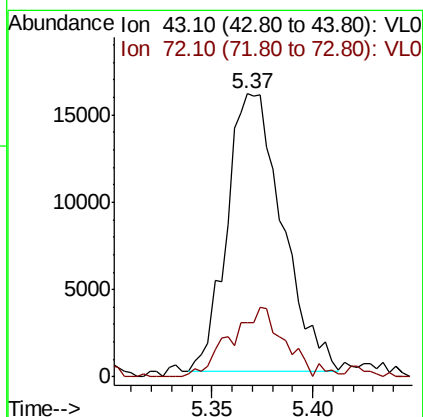
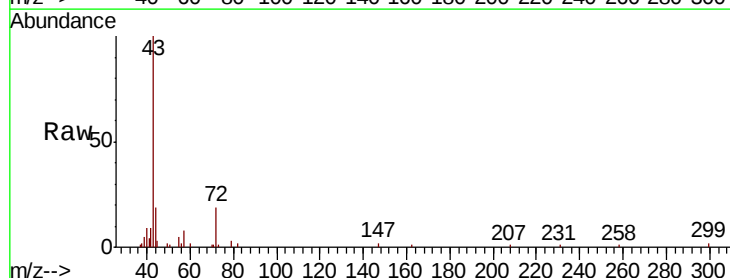
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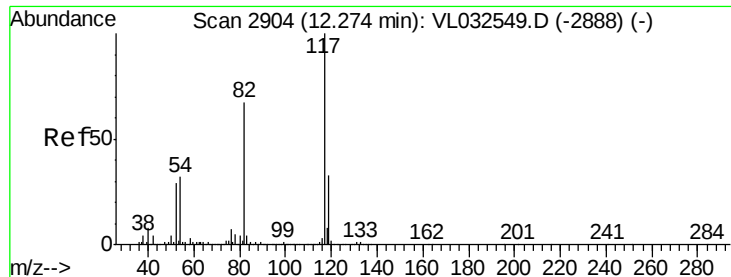
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#34
 2-Butanone
 Concen: 0.165 ppbv
 RT: 5.37 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: VL032554.D
 Acq: 27 Sep 2018 17:59

Tgt Ion	Ratio	Lower	Upper
43	100		
72	26.3	17.8	26.6





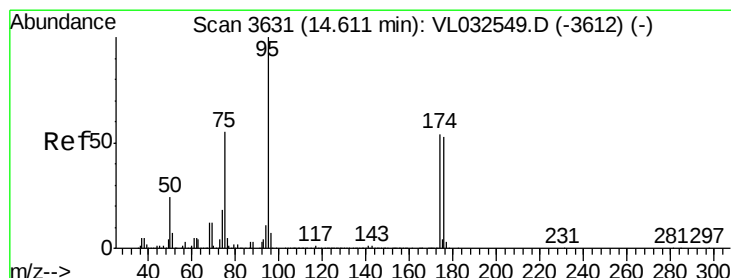
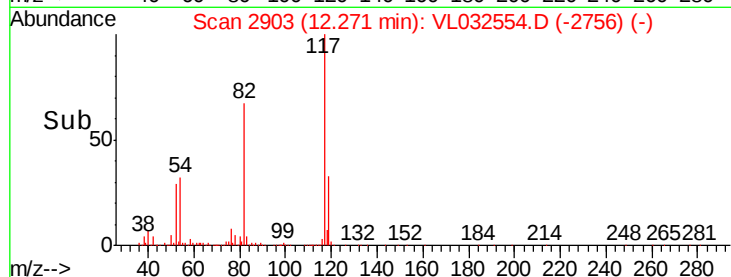
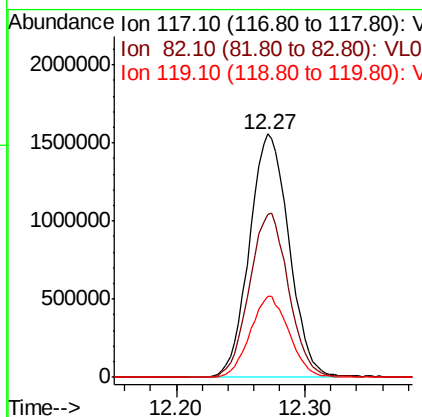
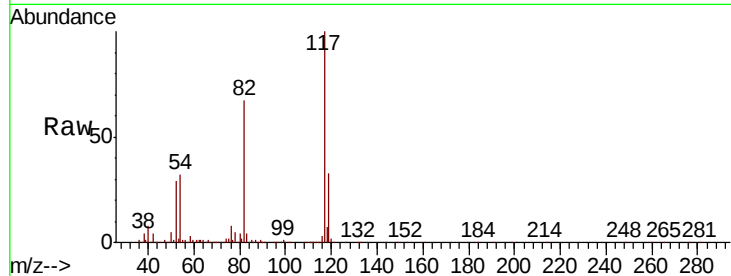
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.27 min Scan# 2903
Delta R.T. -0.03 min
Lab File: VL032554.D
Acq: 27 Sep 2018 17:59

Instrument :
MSVOA_L
ClientSampleId :
239-LODGEDL

Tgt Ion: 117 Resp: 3331445
Ion Ratio Lower Upper
117 100
82 67.4 53.0 79.6
119 32.9 45.9 68.9#

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.274 ppbv
RT: 14.61 min Scan# 3630
Delta R.T. -0.03 min
Lab File: VL032554.D
Acq: 27 Sep 2018 17:59

Tgt Ion: 95 Resp: 2329876
Ion Ratio Lower Upper
95 100
174 58.3 46.3 69.5
175 4.1 3.4 5.0

