

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092718\
 Data File : VL032564.D
 Acq On : 28 Sep 2018 00:44
 Operator : SY/AP
 Sample : J5094-01DL 10X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AA-1DL

Manual Integrations
 APPROVED

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 10/1/2018 11:57:47 AM

Quant Time: Sep 28 04:26:51 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 04:26:51 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	1343602	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.32	114	2954608	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.27	117	3043117	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.61	95	2188379	9.54	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chlorodifluoromethane	3.03	51	19403	0.174	ppbv	97
13) Ethanol	3.69	45	15315m	1.051	ppbv	
15) Acetone	3.93	43	91677	0.777	ppbv	97
20) Methylene Chloride	4.43	84	36229	0.634	ppbv	95
26) Hexane	5.80	57	19204	0.149	ppbv #	39
53) Toluene	9.98	91	30019m	0.103	ppbv	

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

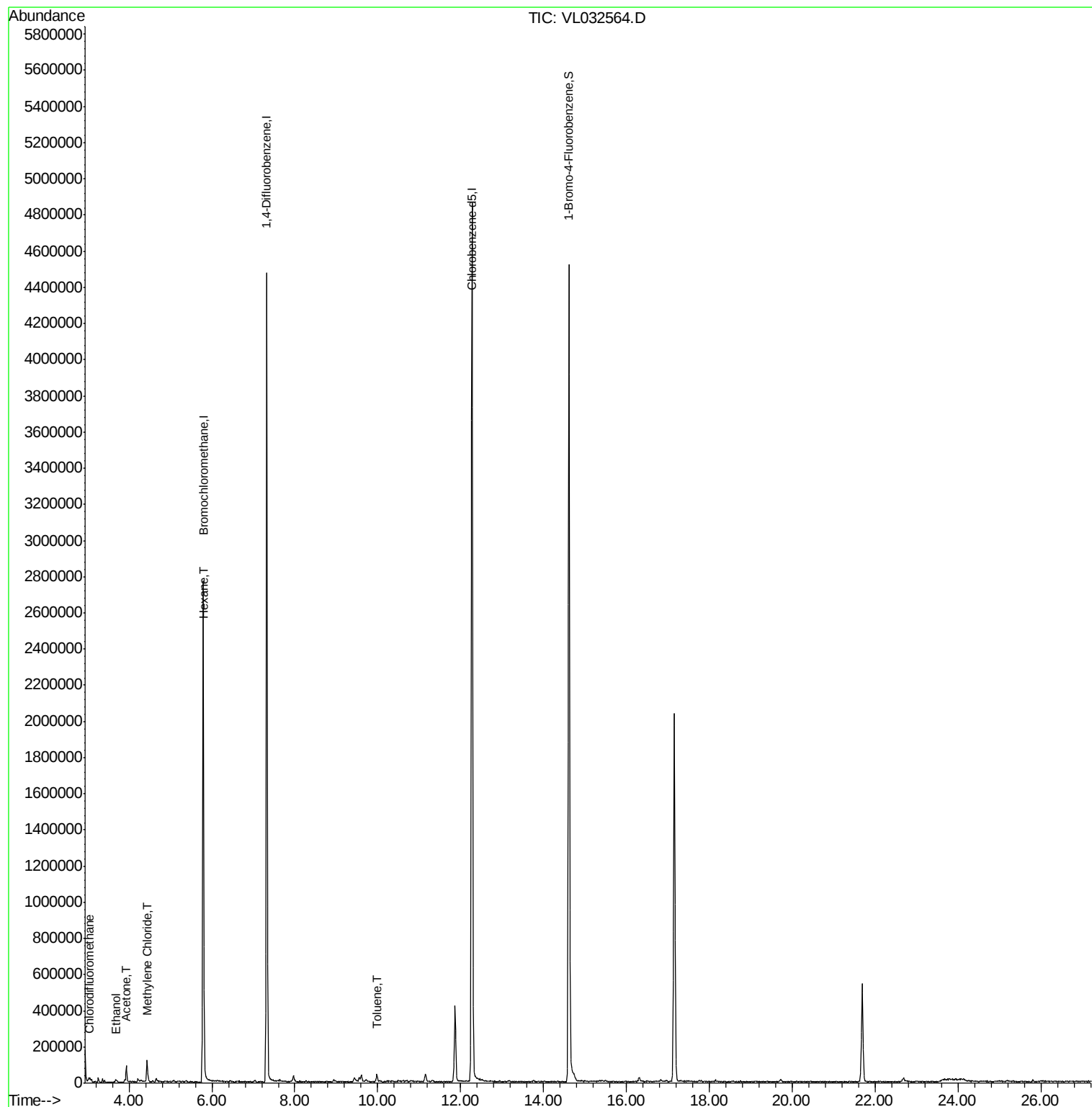
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL092718\
Data File : VL032564.D
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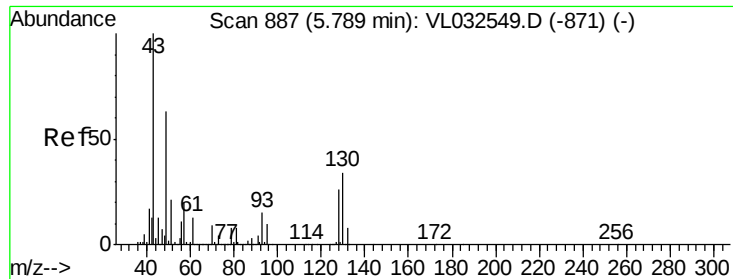
Instrument :
MSVOA_L
ClientSampleId :
AA-1DL

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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: VL032564.D

Acq: 28 Sep 2018 00:44

Instrument :

MSVOA_L

ClientSampleId :

AA-1DL

Tgt Ion: 49 Resp: 1343602

Ion Ratio Lower Upper

49 100

128 44.6 20.7 62.1

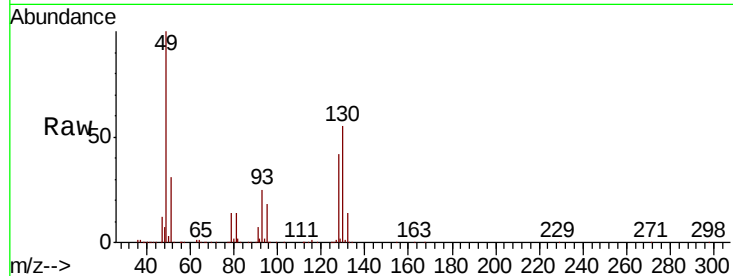
130 56.6 26.6 79.7

Manual Integrations

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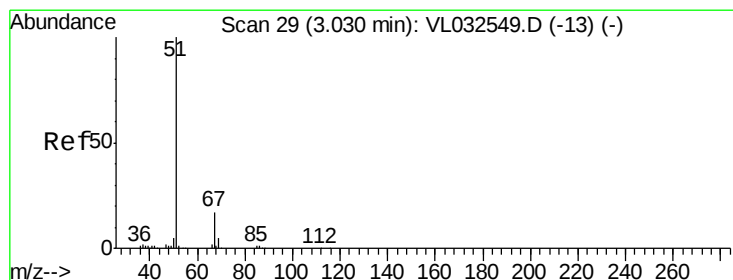
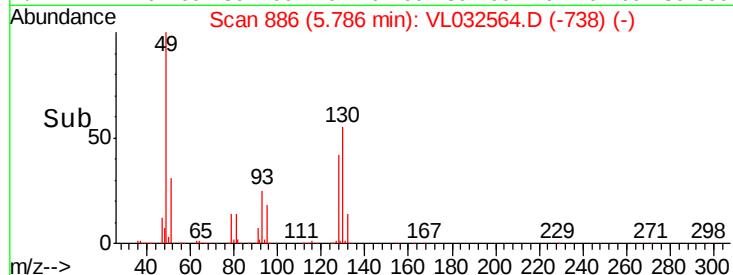
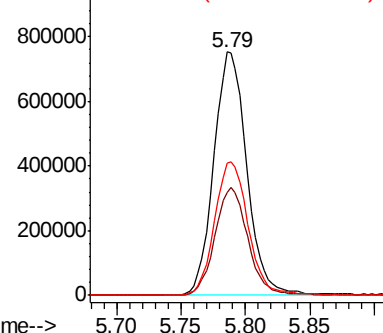
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#3

Chlorodifluoromethane

Concen: 0.174 ppbv

RT: 3.03 min Scan# 29

Delta R.T. -0.01 min

Lab File: VL032564.D

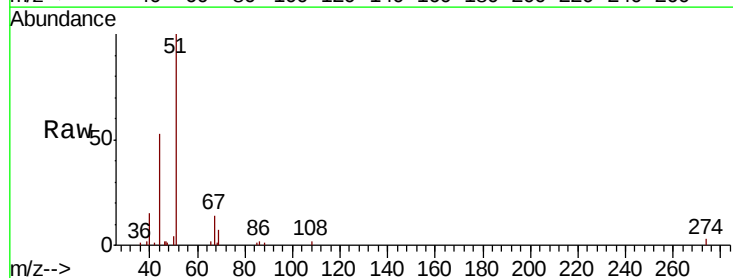
Acq: 28 Sep 2018 00:44

Tgt Ion: 51 Resp: 19403

Ion Ratio Lower Upper

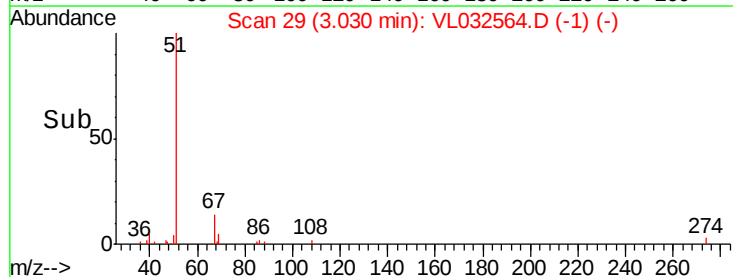
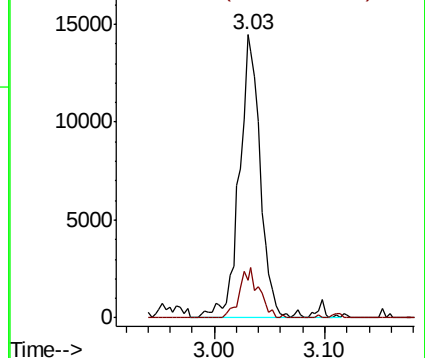
51 100

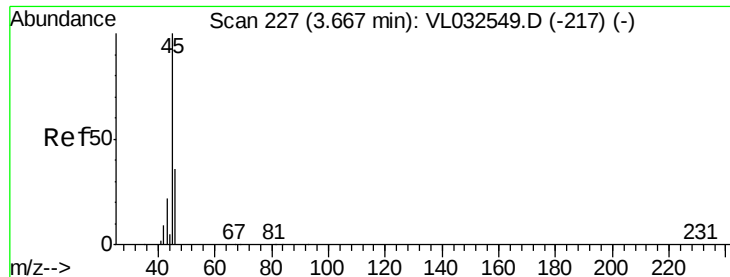
67 15.9 13.8 20.8



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0





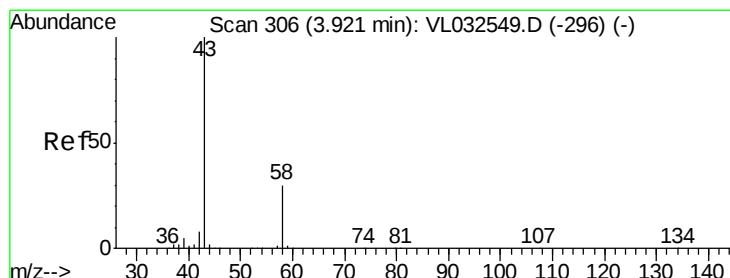
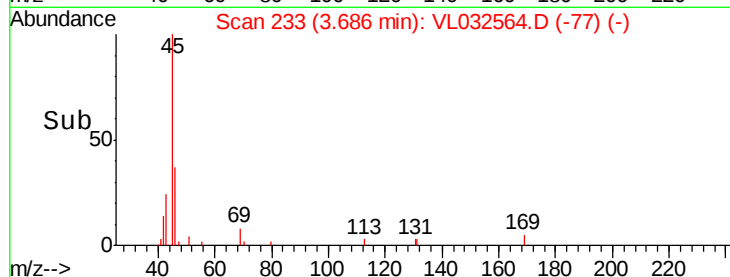
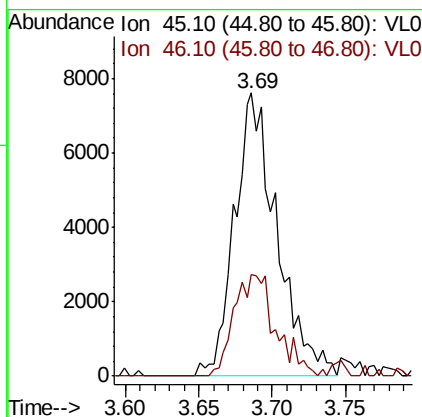
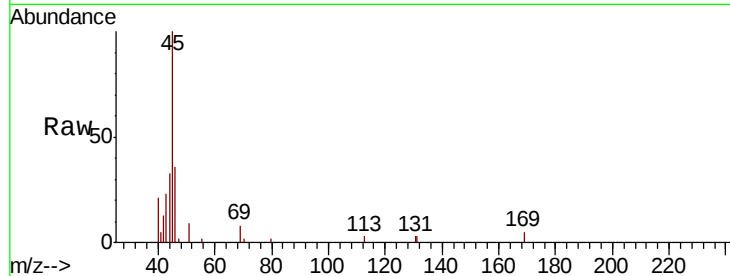
#13
Ethanol
Concen: 1.051 ppbv m
RT: 3.69 min Scan# 233
Delta R.T. 0.00 min
Lab File: VL032564.D
Acq: 28 Sep 2018 00:44

Instrument :
MSVOA_L
ClientSampleId :
AA-1DL

Tgt Ion: 45 Resp: 15315
Ion Ratio Lower Upper
45 100
46 35.6 14.2 56.8

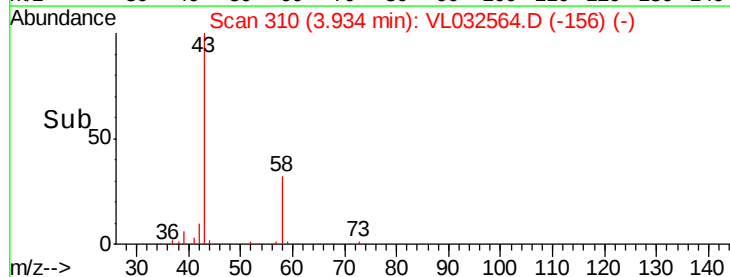
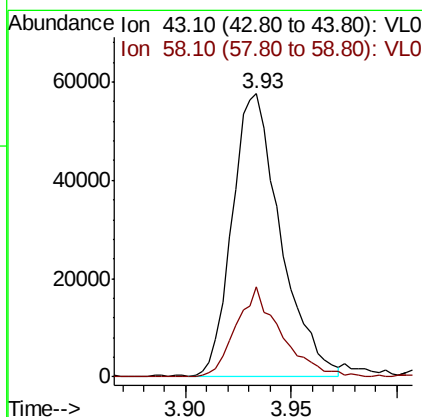
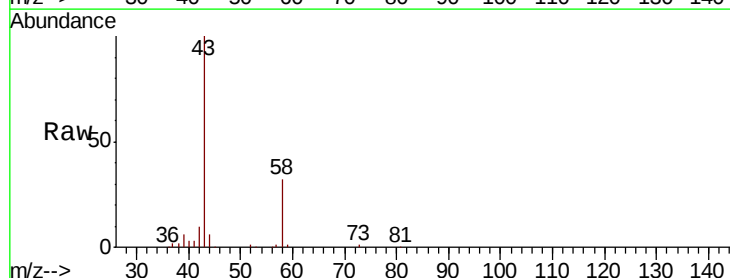
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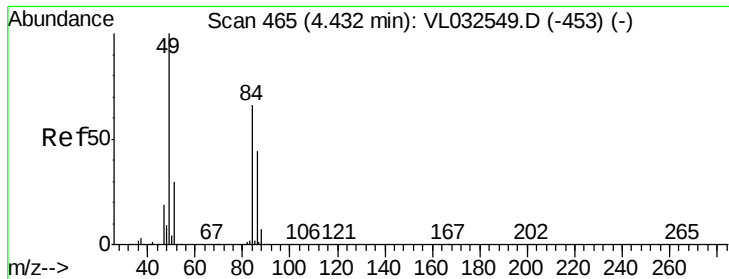
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#15
Acetone
Concen: 0.777 ppbv
RT: 3.93 min Scan# 310
Delta R.T. -0.01 min
Lab File: VL032564.D
Acq: 28 Sep 2018 00:44

Tgt Ion: 43 Resp: 91677
Ion Ratio Lower Upper
43 100
58 30.0 22.6 33.8





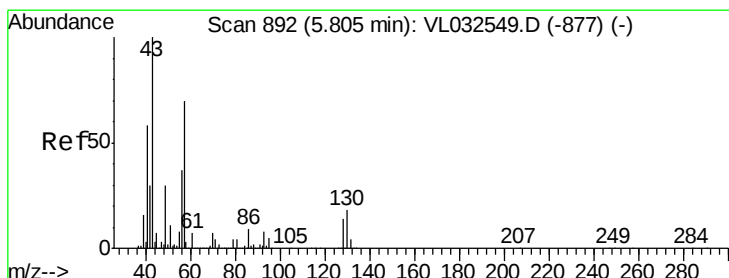
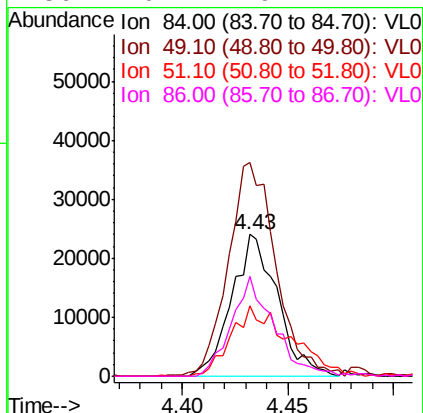
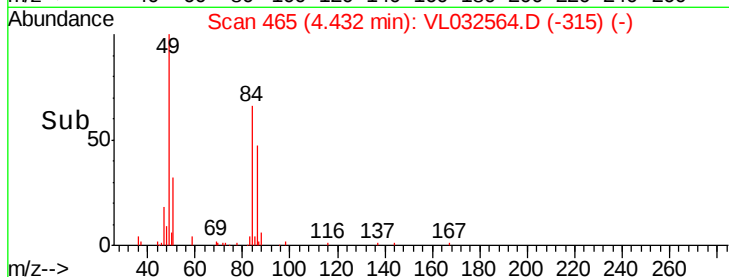
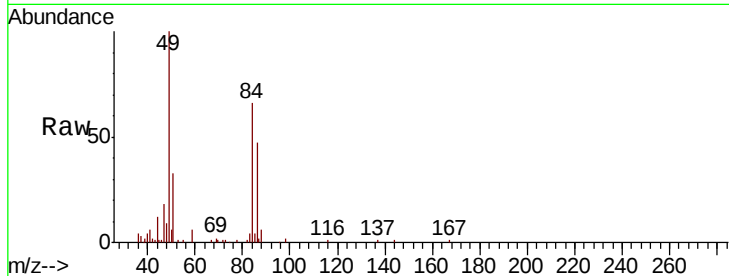
#20
Methylene Chloride
Concen: 0.634 ppbv
RT: 4.43 min Scan# 465
Delta R.T. -0.02 min
Lab File: VL032564.D
Acq: 28 Sep 2018 00:44

Instrument :
MSVOA_L
ClientSampled :
AA-1DL

Tgt Ion:	84	Resp:	36229
Ion	Ratio	Lower	Upper
84	100		
49	147.4	119.1	178.7
51	48.7	35.2	52.8
86	70.4	49.4	74.2

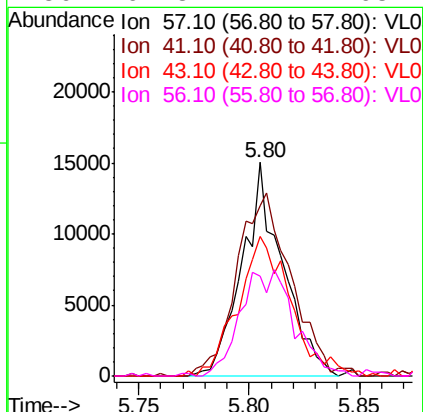
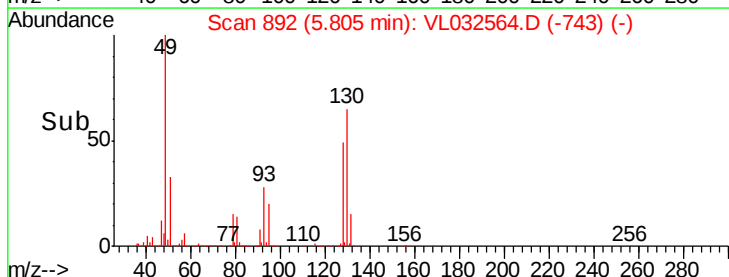
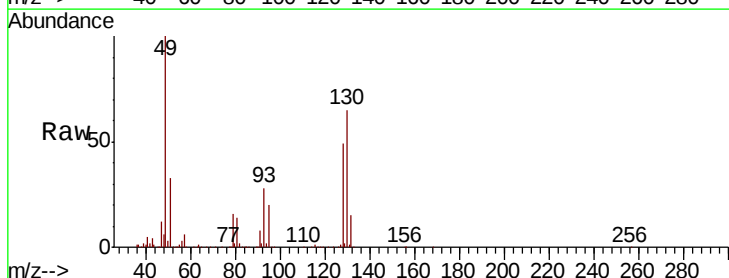
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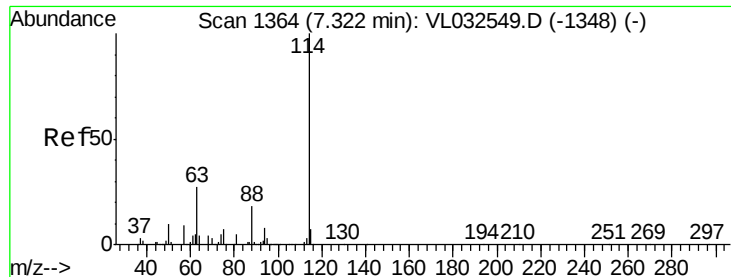
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#26
Hexane
Concen: 0.149 ppbv
RT: 5.80 min Scan# 892
Delta R.T. -0.02 min
Lab File: VL032564.D
Acq: 28 Sep 2018 00:44

Tgt Ion:	57	Resp:	19204
Ion	Ratio	Lower	Upper
57	100		
41	116.1	69.0	103.4#
43	85.2	172.1	258.1#
56	67.8	42.2	63.2#





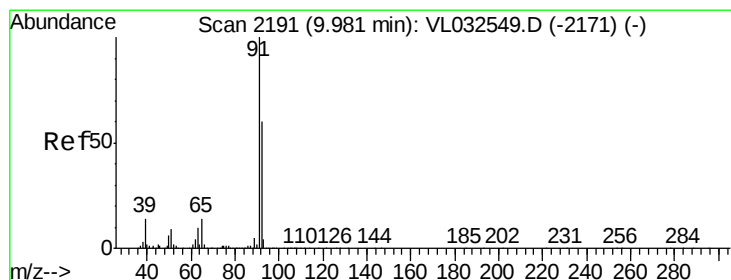
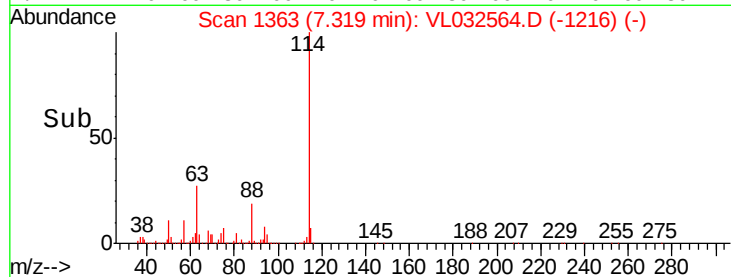
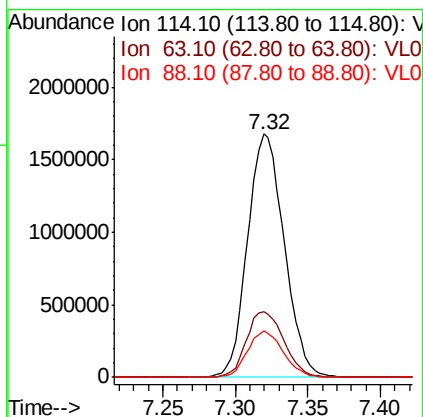
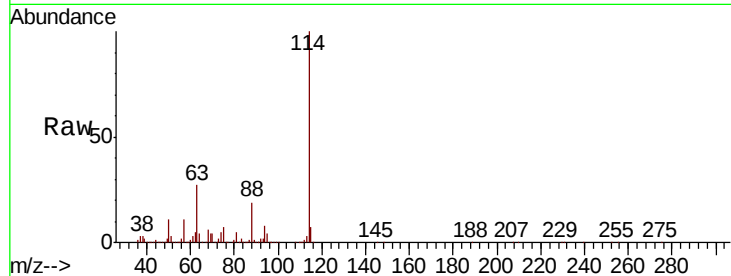
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.32 min Scan# 1363
 Delta R.T. -0.03 min
 Lab File: VL032564.D
 Acq: 28 Sep 2018 00:44

Instrument :
 MSVOA_L
 ClientSampleId :
 AA-1DL

Tgt Ion: 114 Resp: 2954608
 Ion Ratio Lower Upper
 114 100
 63 27.8 22.2 33.4
 88 18.7 15.0 22.4

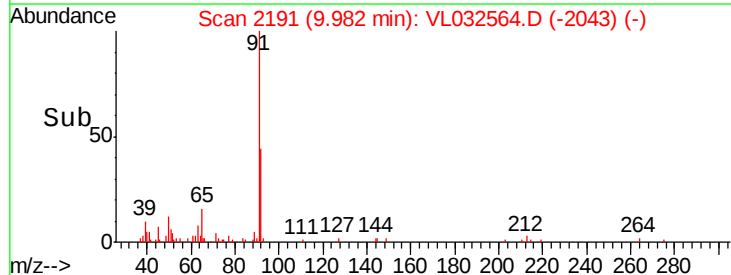
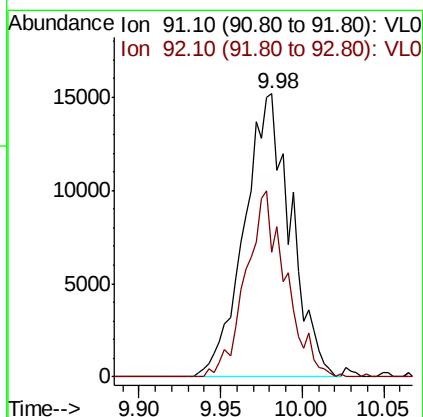
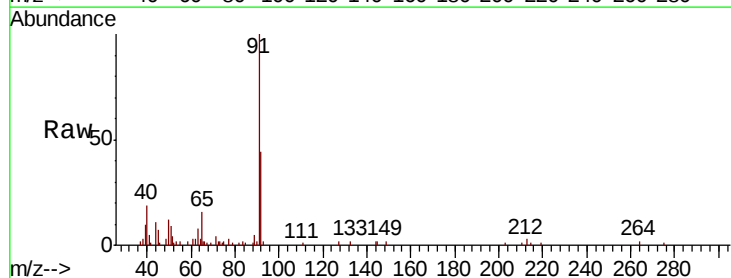
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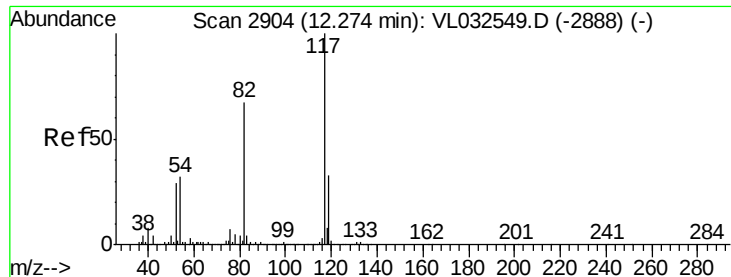
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#53
 Toluene
 Concen: 0.103 ppbv m
 RT: 9.98 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: VL032564.D
 Acq: 28 Sep 2018 00:44

Tgt Ion: 91 Resp: 30019
 Ion Ratio Lower Upper
 91 100
 92 56.4 48.1 72.1





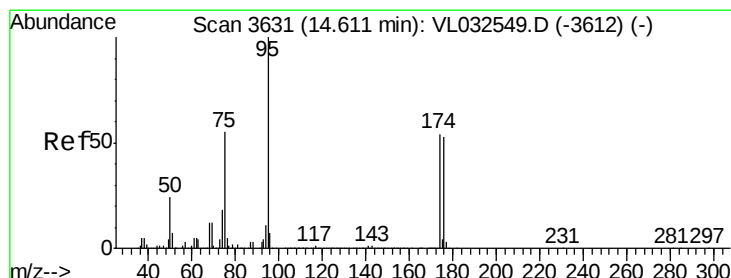
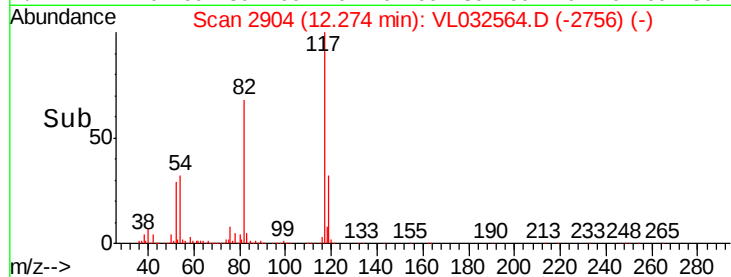
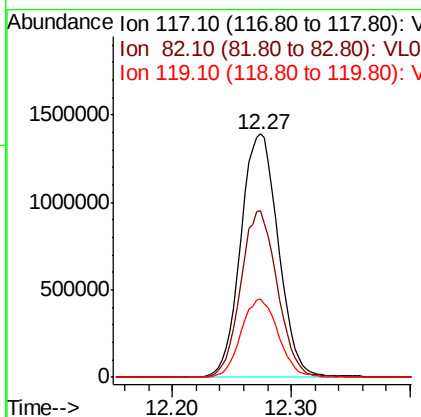
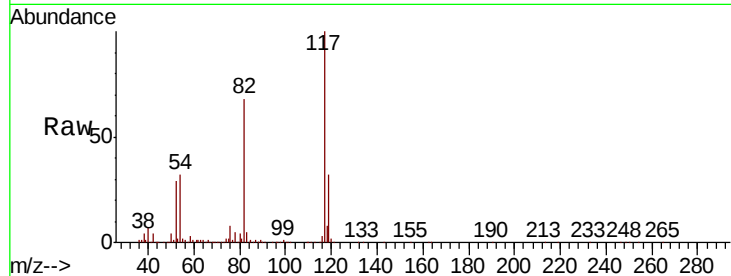
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.27 min Scan# 2904
Delta R.T. -0.02 min
Lab File: VL032564.D
Acq: 28 Sep 2018 00:44

Instrument :
MSVOA_L
ClientSampleId :
AA-1DL

Tgt Ion: 117 Resp: 3043117
Ion Ratio Lower Upper
117 100
82 67.1 53.0 79.6
119 32.1 45.9 68.9#

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.536 ppbv
RT: 14.61 min Scan# 3631
Delta R.T. -0.02 min
Lab File: VL032564.D
Acq: 28 Sep 2018 00:44

Tgt Ion: 95 Resp: 2188379
Ion Ratio Lower Upper
95 100
174 59.4 46.3 69.5
175 4.4 3.4 5.0

