

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031519\
 Data File : VL033348.D
 Acq On : 16 Mar 2019 2:23
 Operator : SY/AP
 Sample : K1827-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 A-2DL

Manual Integrations
 APPROVED

MMDadoda
 3/19/2019 10:01:41 AM

Quant Time: Mar 18 11:53:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL031519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar 18 11:53:46 2019
 QLast Update : Fri Mar 15 14:52:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	753022	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1659172	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1908268	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1420115	10.04	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.65	45	199030	10.821	ppbv	99
15) Acetone	3.91	43	115365	0.986	ppbv	97
19) Isopropyl Alcohol	4.04	45	56946	1.023	ppbv #	93
26) Hexane	5.78	57	14443m	0.190	ppbv	
53) Toluene	9.95	91	290887	1.724	ppbv	98

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

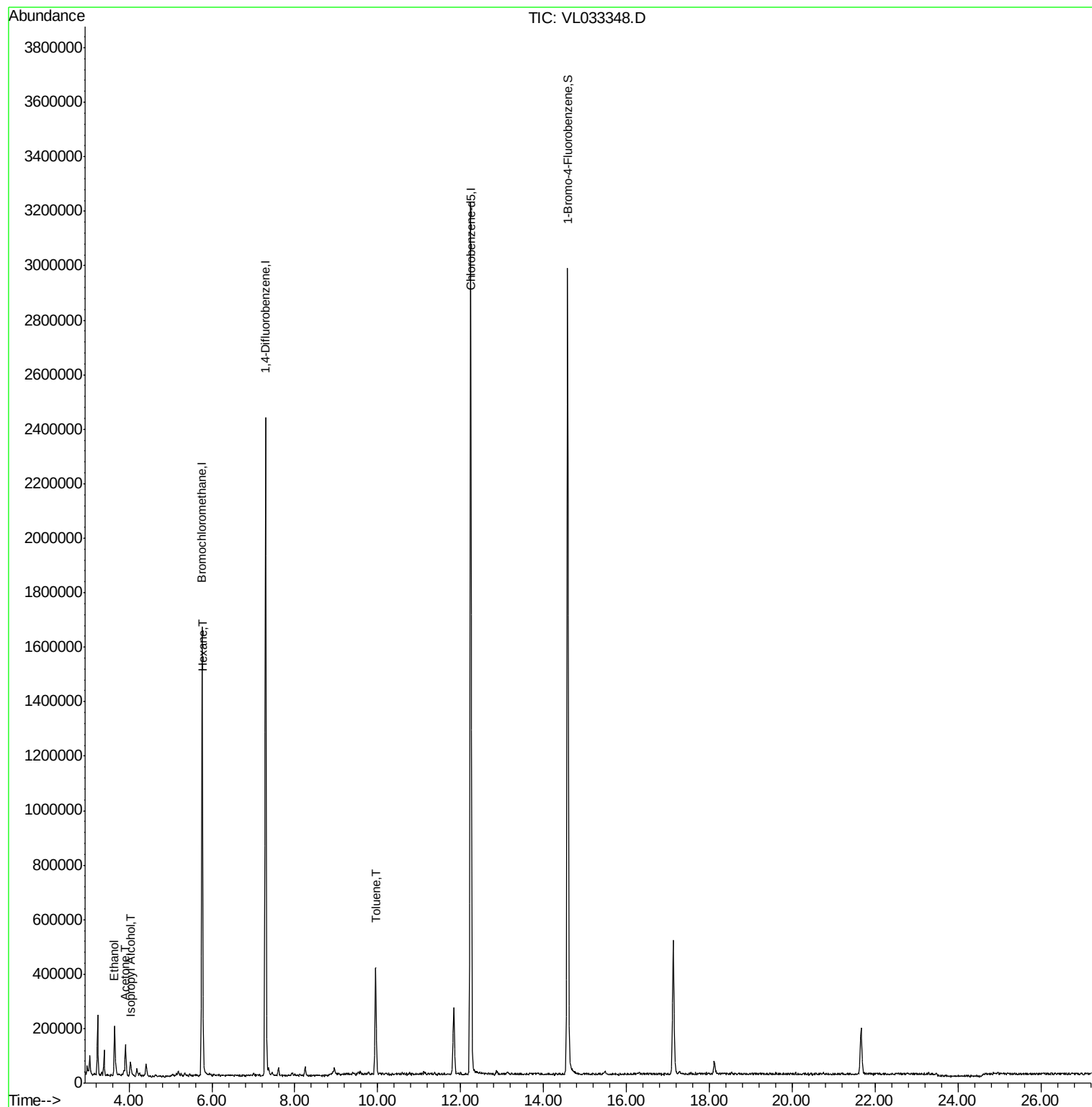
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL031519\
Data File : VL033348.D
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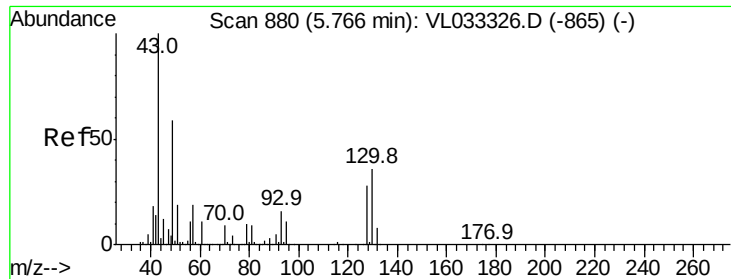
Instrument :
MSVOA_L
ClientSampleId :
A-2DL

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Quant Time: Mar 18 11:53:46 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL031519AIR.M
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QLast Update : Fri Mar 15 14:52:14 2019
Response via : Initial Calibration





#1

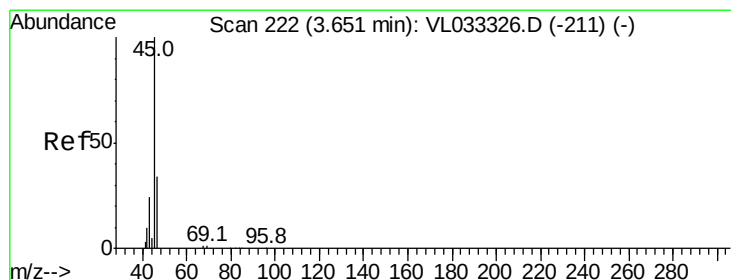
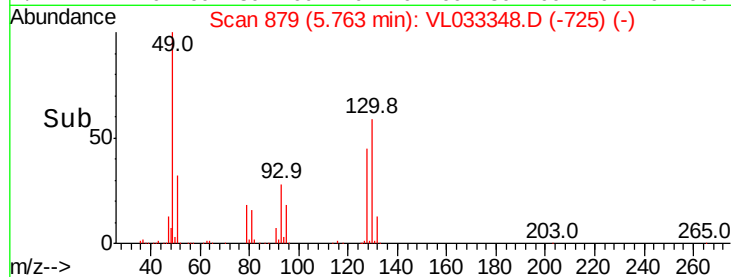
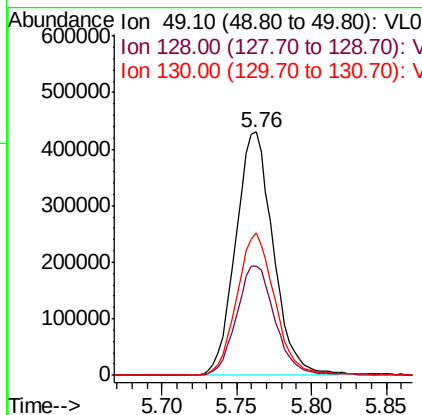
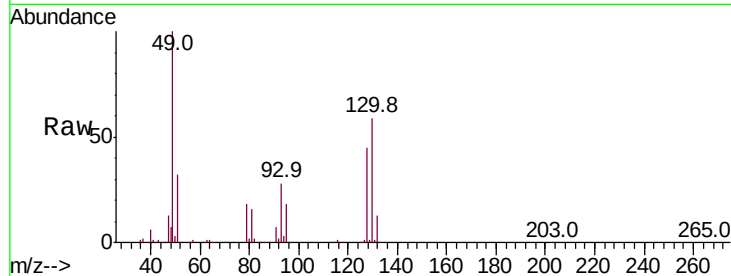
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.76 min Scan# 879
 Delta R.T. -0.00 min
 Lab File: VL033348.D
 Acq: 16 Mar 2019 2:23

Instrument :
 MSVOA_L
 ClientSampled :
 A-2DL

Tot Ion	Ratio	Lower	Upper
49	100		
128	46.4	23.5	70.6
130	59.5	30.1	90.3

Manual Integrations
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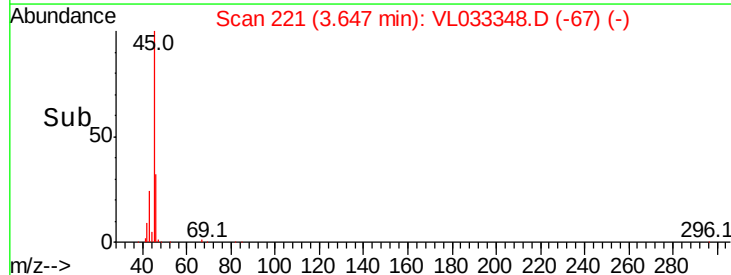
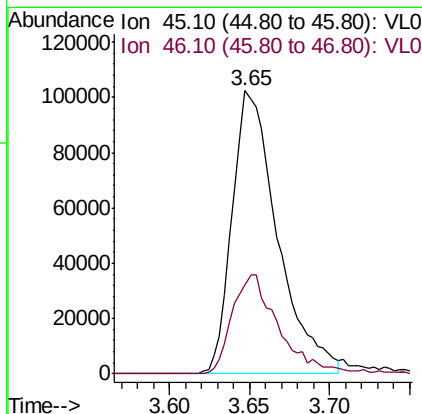
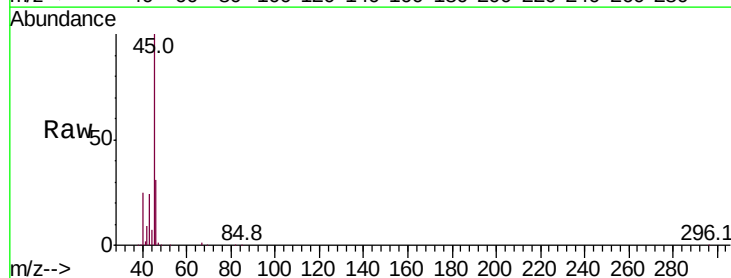
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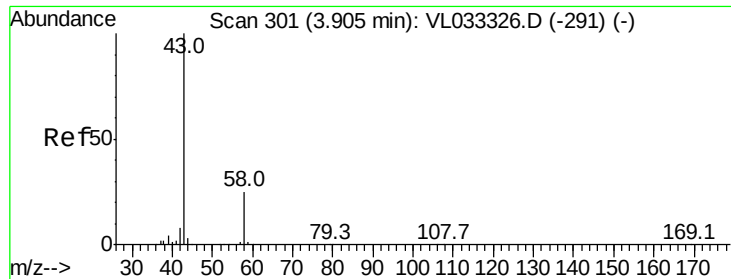


#13

Ethanol
 Concen: 10.821 ppbv
 RT: 3.65 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VL033348.D
 Acq: 16 Mar 2019 2:23

Tgt Ion	Ratio	Lower	Upper
45	100		
46	36.8	14.9	59.7





#15

Acetone

Concen: 0.986 ppbv

RT: 3.91 min Scan# 302

Delta R.T. 0.00 min

Lab File: VL033348.D

Acq: 16 Mar 2019 2:23

Instrument :

MSVOA_L

ClientSampleId :

A-2DL

Tot Ion: 43 Resp: 115365

Ion Ratio Lower Upper

43 100

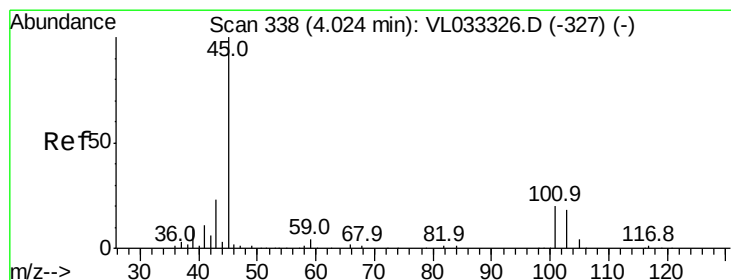
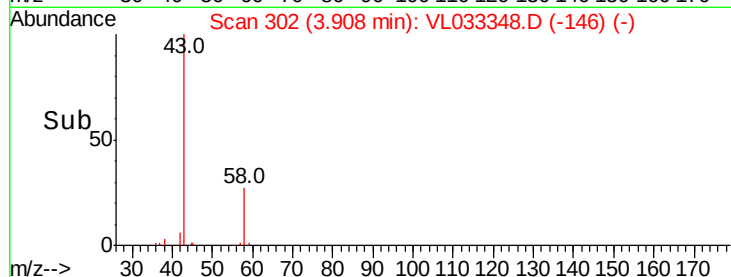
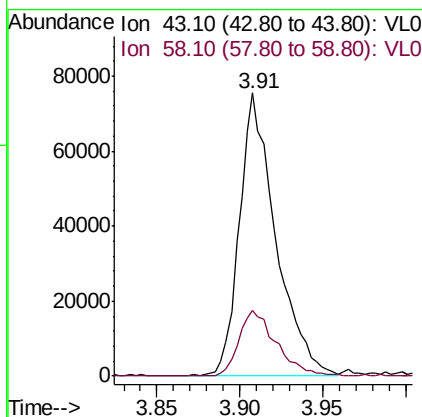
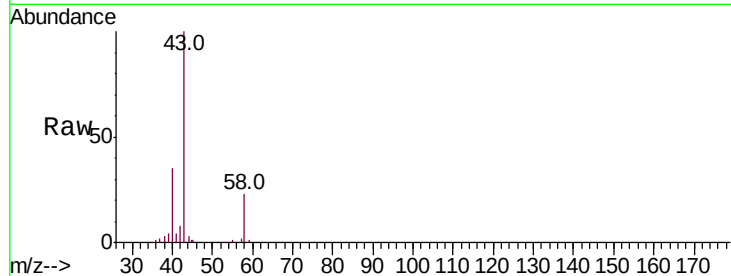
58 23.7 20.4 30.6

Manual Integrations

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#19

Isopropyl Alcohol

Concen: 1.023 ppbv

RT: 4.04 min Scan# 342

Delta R.T. 0.01 min

Lab File: VL033348.D

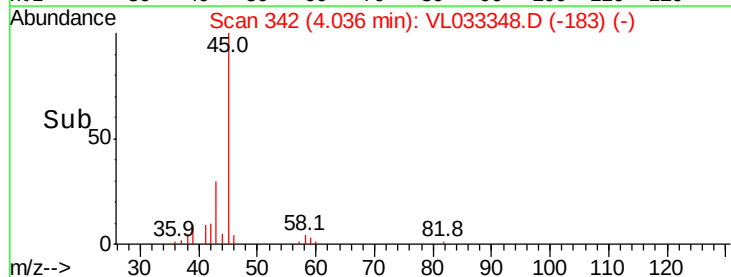
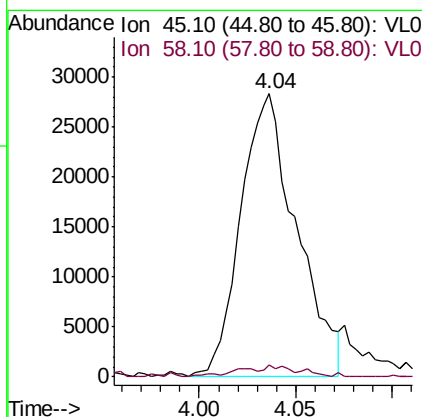
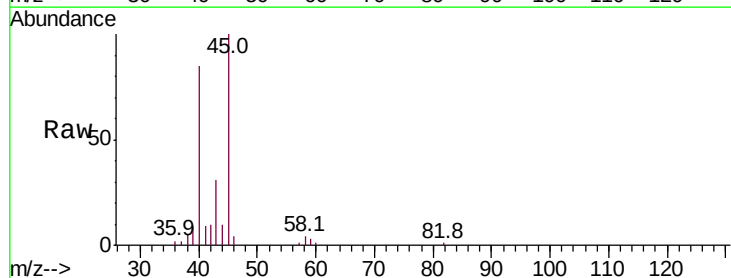
Acq: 16 Mar 2019 2:23

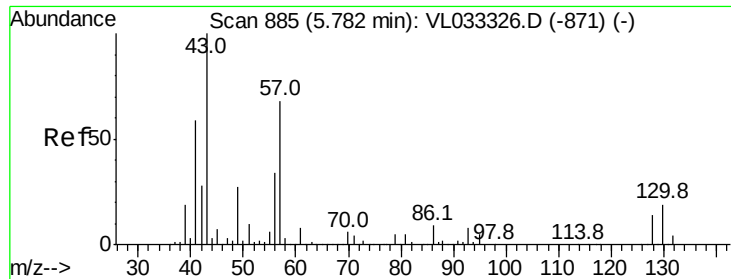
Tgt Ion: 45 Resp: 56946

Ion Ratio Lower Upper

45 100

58 4.3 1.5 2.3#





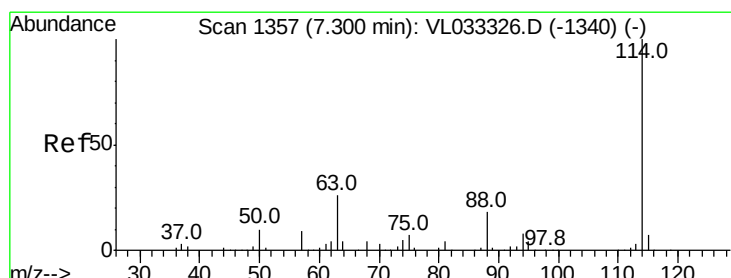
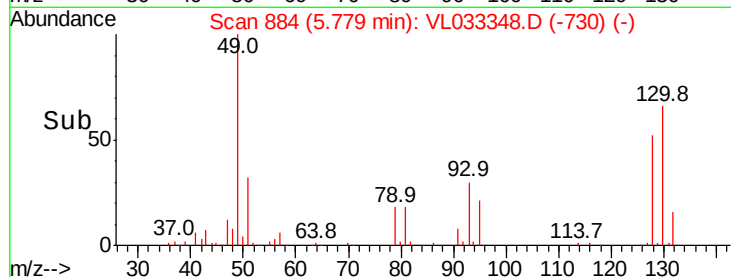
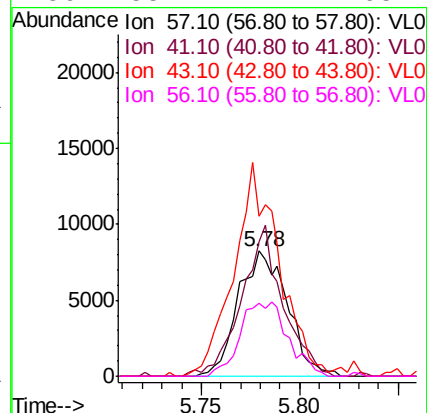
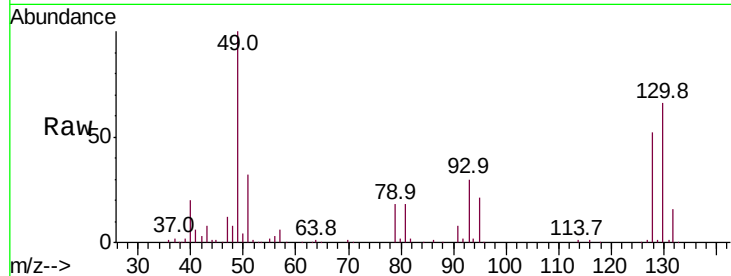
#26
Hexane
Concen: 0.190 ppbv m
RT: 5.78 min Scan# 884
Delta R.T. -0.00 min
Lab File: VL033348.D
Acq: 16 Mar 2019 2:23

Instrument :
MSVOA_L
ClientSampled :
A-2DL

Tot Ion: 57 Resp: 14443
Ion Ratio Lower Upper
57 100
41 101.4 70.5 105.7
43 159.4 181.8 272.8#
56 58.4 42.2 63.2

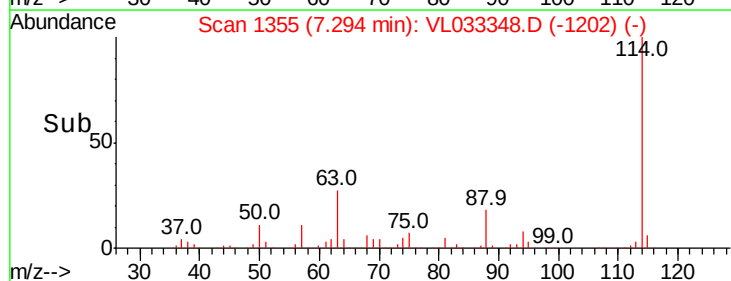
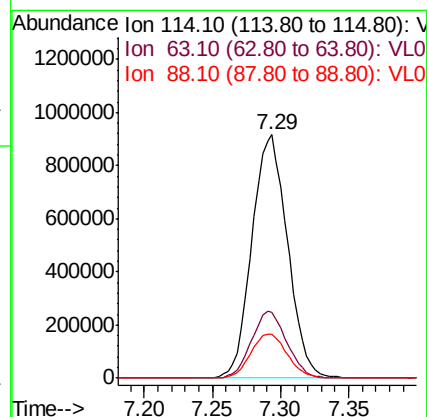
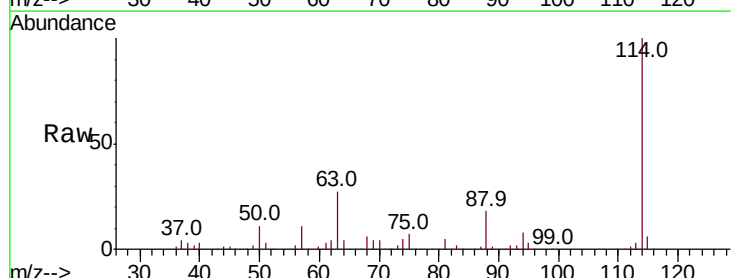
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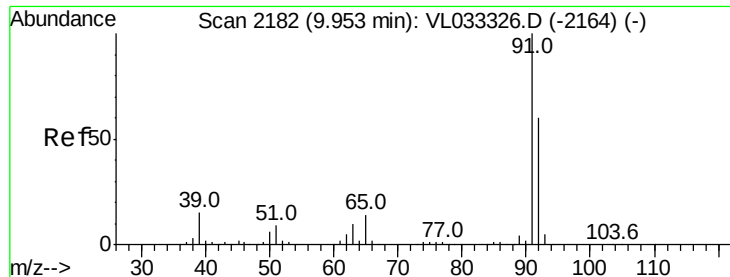
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. -0.01 min
Lab File: VL033348.D
Acq: 16 Mar 2019 2:23

Tgt Ion:114 Resp: 1659172
Ion Ratio Lower Upper
114 100
63 27.5 21.4 32.2
88 18.5 14.5 21.7





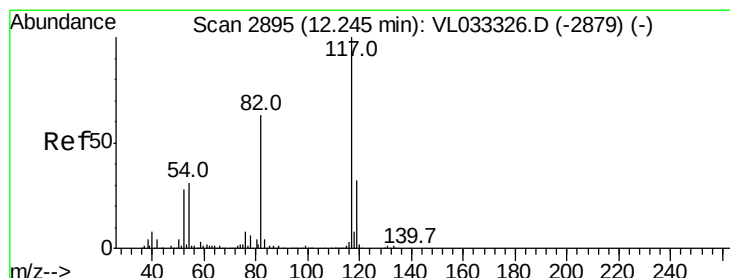
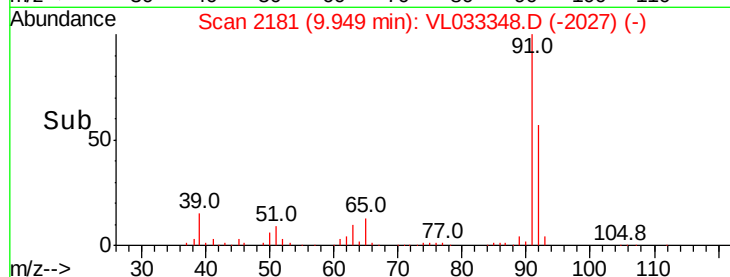
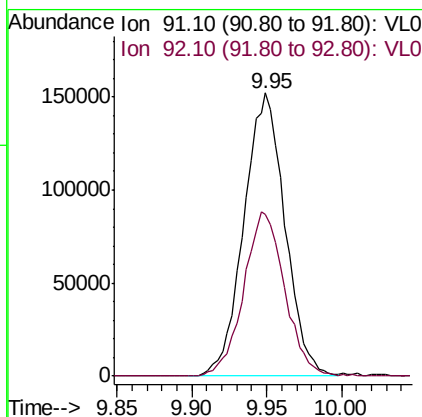
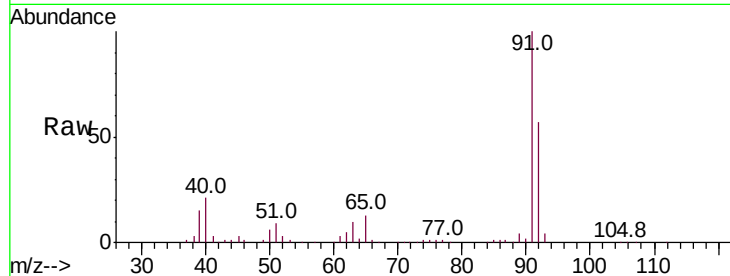
#53
Toluene
Concen: 1.724 ppbv
RT: 9.95 min Scan# 2181
Delta R.T. -0.00 min
Lab File: VL033348.D
Acq: 16 Mar 2019 2:23

Instrument :
MSVOA_L
ClientSampleId :
A-2DL

Tot Ion: 91 Resp: 290887
Ion Ratio Lower Upper
91 100
92 58.0 47.4 71.0

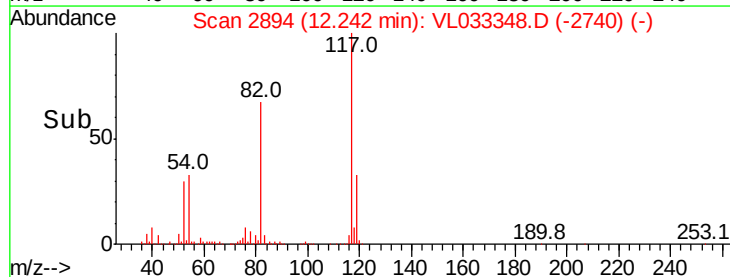
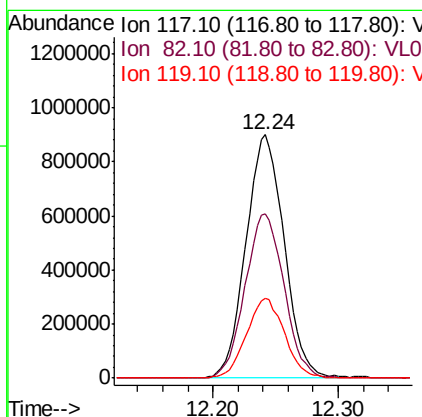
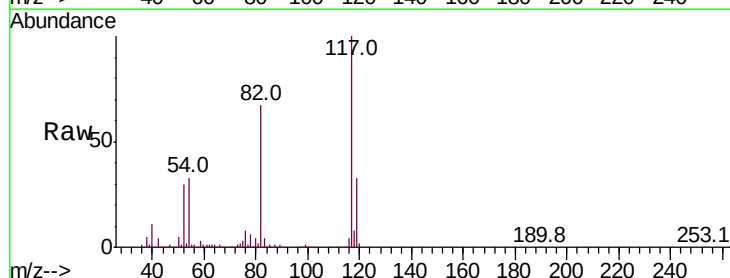
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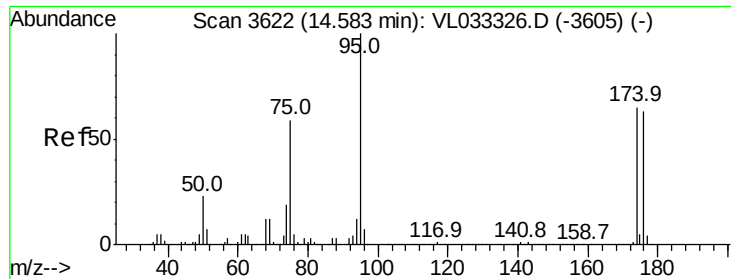
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2894
Delta R.T. -0.00 min
Lab File: VL033348.D
Acq: 16 Mar 2019 2:23

Tgt Ion: 117 Resp: 1908268
Ion Ratio Lower Upper
117 100
82 69.1 53.4 80.2
119 32.9 27.3 40.9





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.043 ppbv
 RT: 14.58 min Scan# 3622
 Delta R.T. -0.00 min
 Lab File: VL033348.D
 Acq: 16 Mar 2019 2:23

Instrument :
 MSVOA_L
 ClientSampleId :
 A-2DL

Tot Ion: 95 Resp: 1420115
 Ion Ratio Lower Upper
 95 100
 174 63.5 51.5 77.3
 175 4.5 3.8 5.6

Manual Integrations
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 3/19/2019 10:01:41 AM

