

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031519\
 Data File : VL033342.D
 Acq On : 15 Mar 2019 22:21
 Operator : SY/AP
 Sample : K1827-01DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 A-1DL

Manual Integrations
 APPROVED

MMDadoda
 3/19/2019 9:59:45 AM

Quant Time: Mar 18 11:45:58 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 11:45:58 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	755171	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1761689	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1896122	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1448148	10.31	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) Heptane	8.25	43	15618m	0.163	ppbv	
13) Ethanol	3.65	45	216667	11.746	ppbv	99
15) Acetone	3.90	43	126372	1.077	ppbv	99
19) Isopropyl Alcohol	4.04	45	71488m	1.280	ppbv	
26) Hexane	5.78	57	16256m	0.213	ppbv	
53) Toluene	9.95	91	244636	1.366	ppbv	98

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

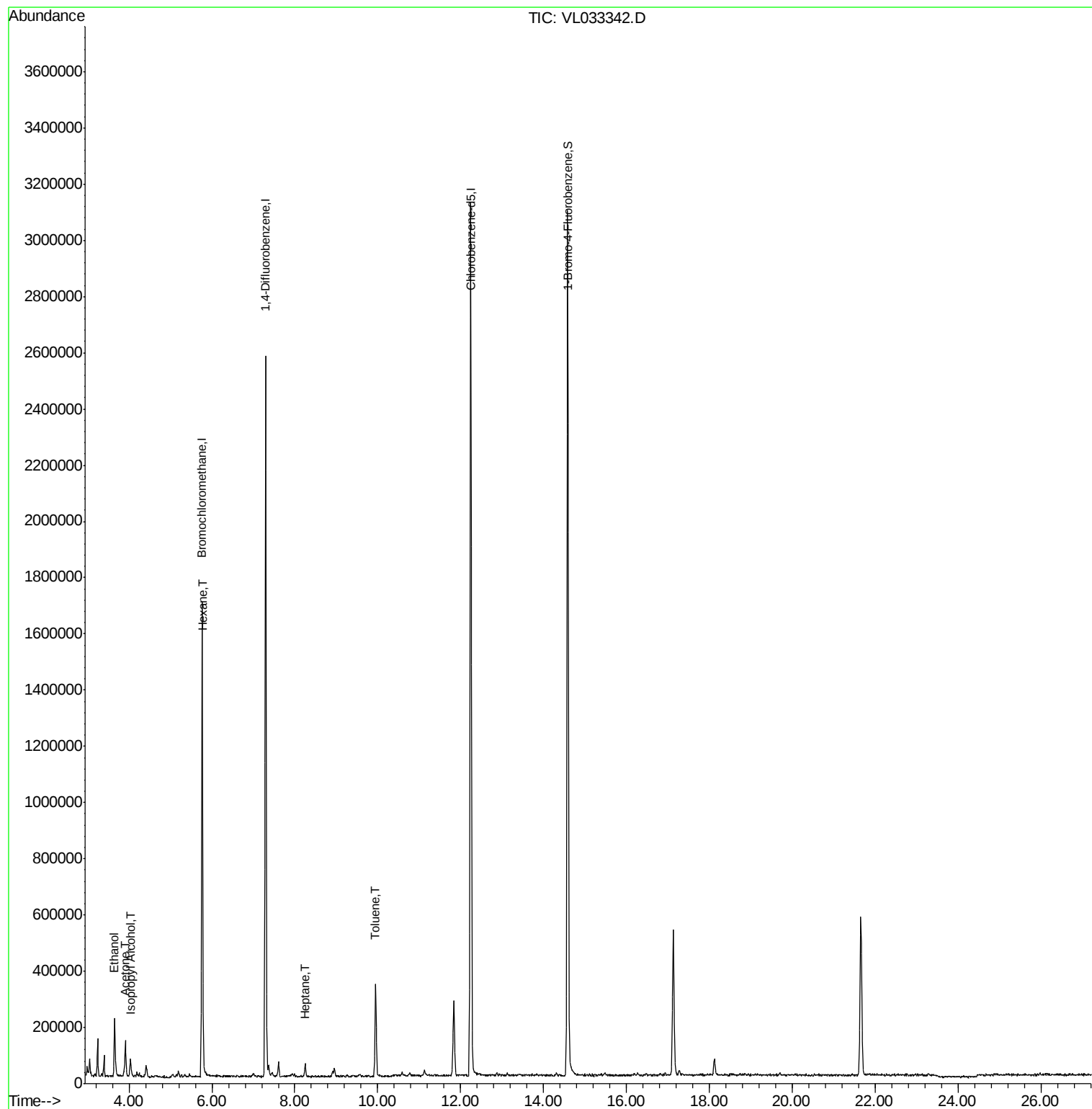
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL031519\
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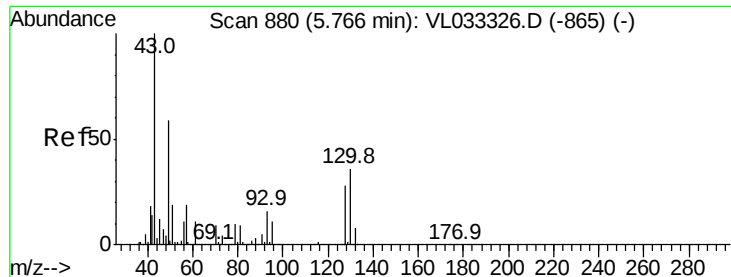
Instrument :
MSVOA_L
ClientSampleId :
A-1DL

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar
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: VL033342.D

Acq: 15 Mar 2019 22:21

Instrument :

MSVOA_L

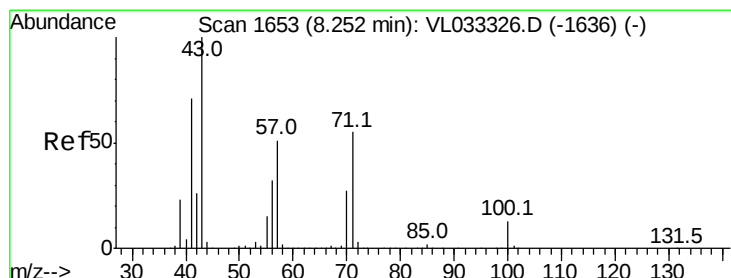
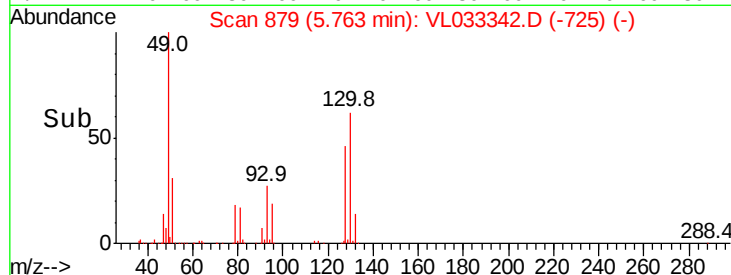
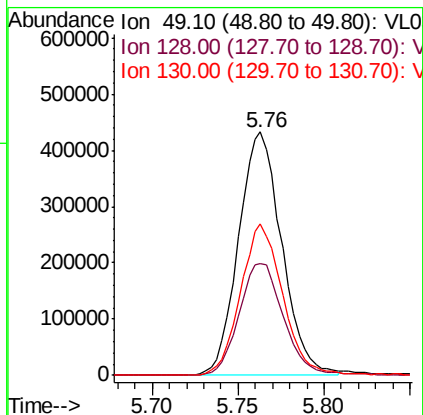
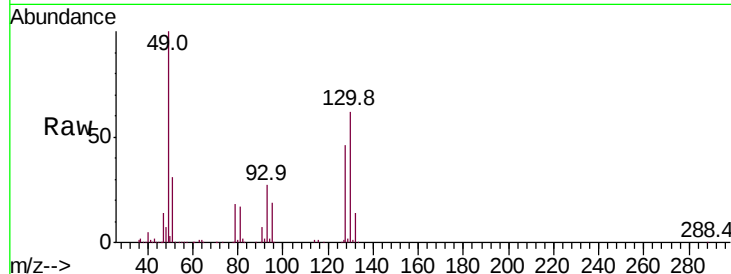
ClientSampled :

A-1DL

Tot Ion:	49	Resp:	755171
Ion Ratio	Lower	Upper	
49	100		
128	47.8	23.5	70.6
130	61.4	30.1	90.3

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#10

Heptane

Concen: 0.163 ppbv m

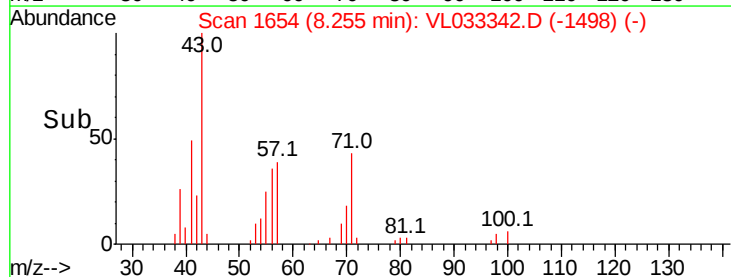
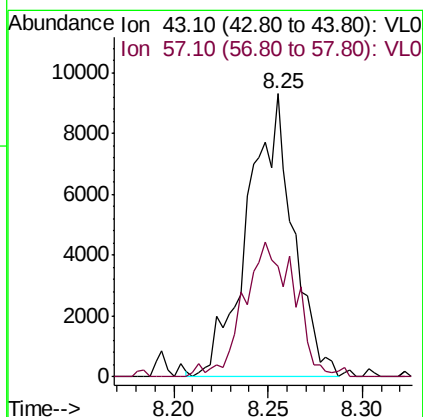
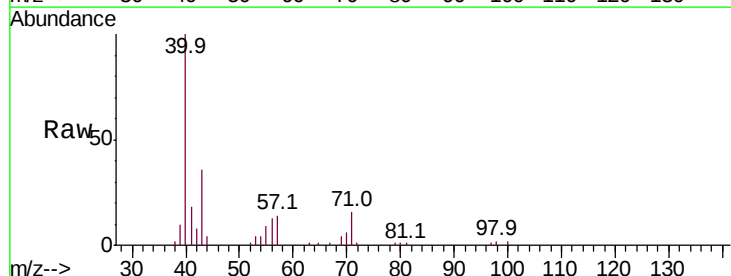
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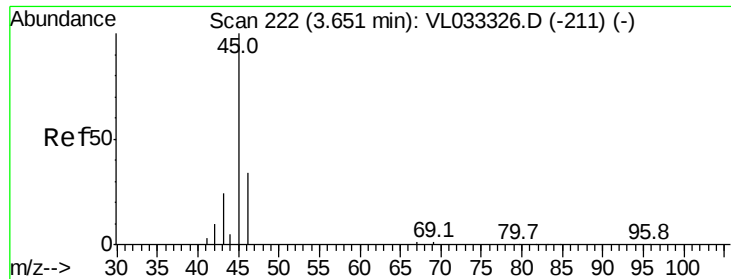
Delta R.T. 0.00 min

Lab File: VL033342.D

Acq: 15 Mar 2019 22:21

Tgt Ion:	43	Resp:	15618
Ion Ratio	Lower	Upper	
43	100		
57	0.0	40.4	60.6#





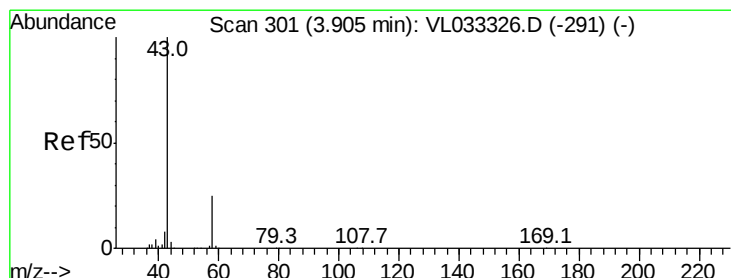
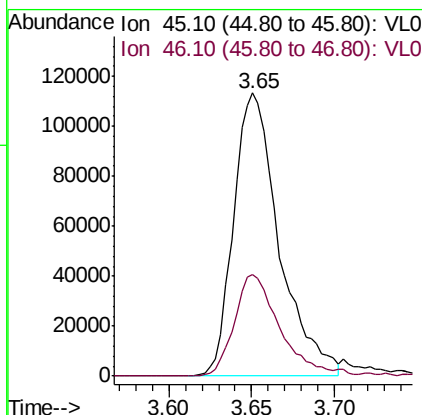
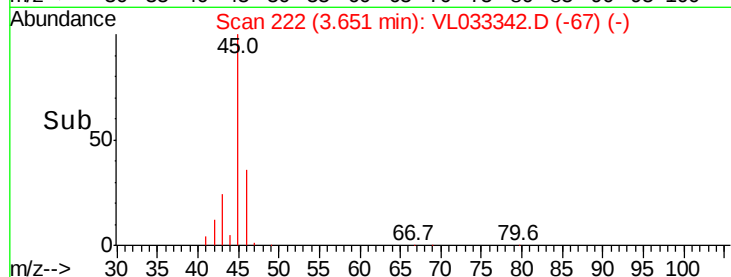
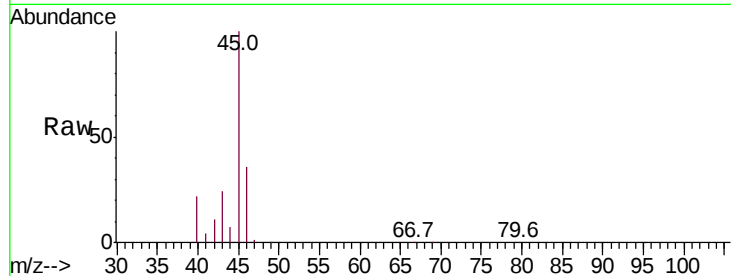
#13
Ethanol
Concen: 11.746 ppbv
RT: 3.65 min Scan# 222
Delta R.T. -0.00 min
Lab File: VL033342.D
Acq: 15 Mar 2019 22:21

Instrument :
MSVOA_L
ClientSampled :
A-1DL

Tot Ion: 45 Resp: 216667
Ion Ratio Lower Upper
45 100
46 36.5 14.9 59.7

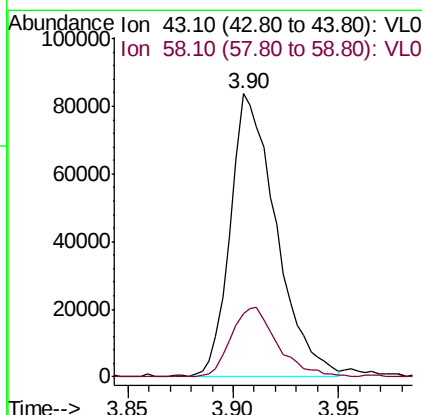
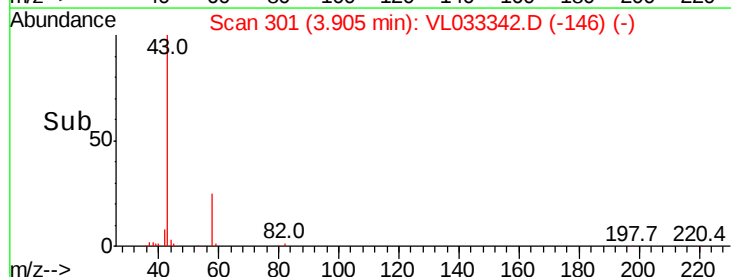
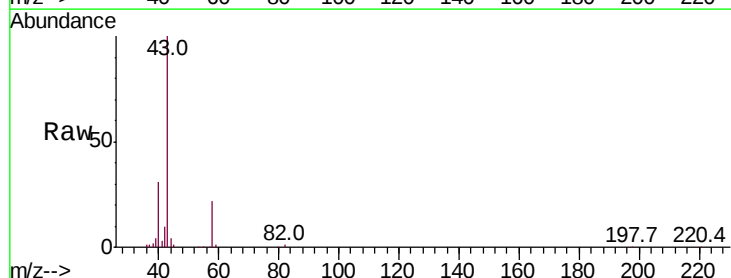
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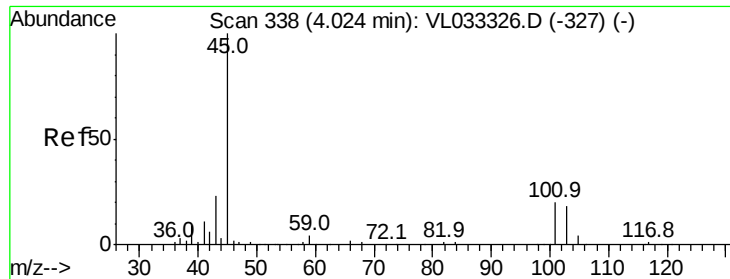
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#15
Acetone
Concen: 1.077 ppbv
RT: 3.90 min Scan# 301
Delta R.T. -0.00 min
Lab File: VL033342.D
Acq: 15 Mar 2019 22:21

Tgt Ion: 43 Resp: 126372
Ion Ratio Lower Upper
43 100
58 25.1 20.4 30.6





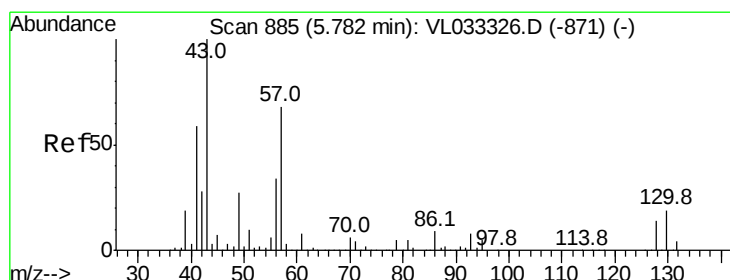
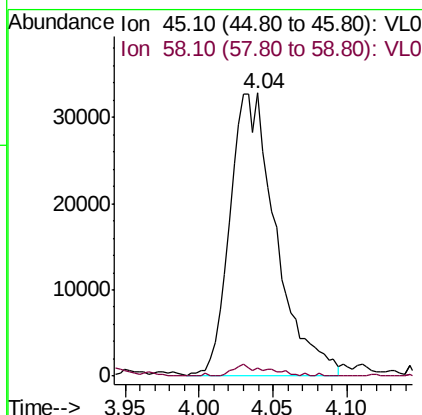
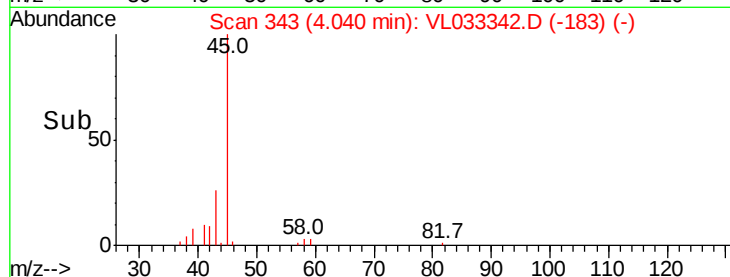
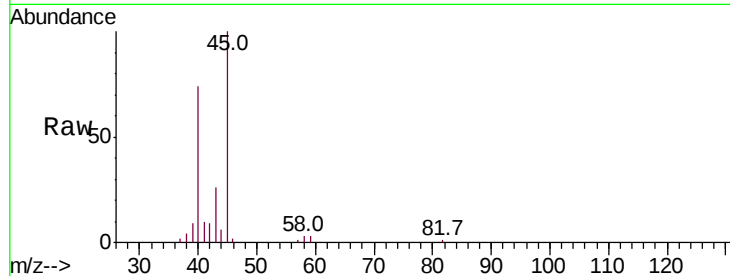
#19
Isopropyl Alcohol
Concen: 1.280 ppbv m
RT: 4.04 min Scan# 343
Delta R.T. 0.02 min
Lab File: VL033342.D
Acq: 15 Mar 2019 22:21

Instrument :
MSVOA_L
ClientSampleId :
A-1DL

Tot Ion: 45 Resp: 71488
Ion Ratio Lower Upper
45 100
58 3.3 1.5 2.3#

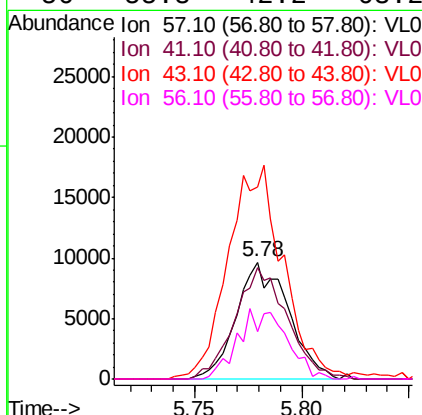
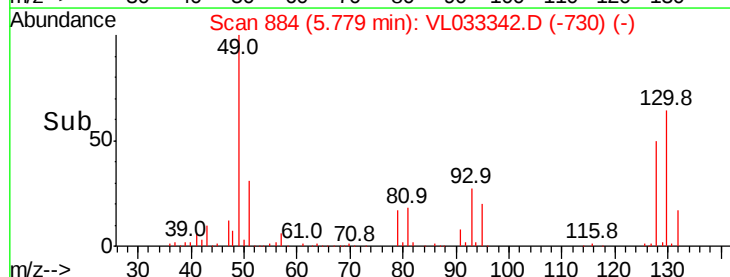
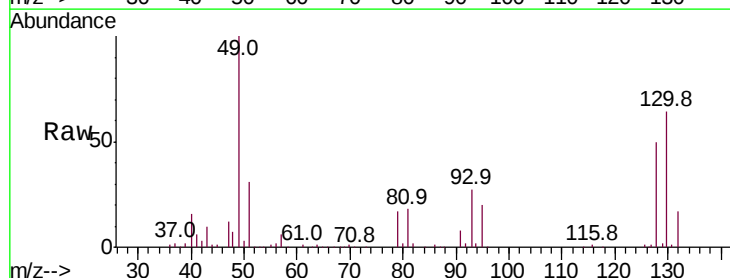
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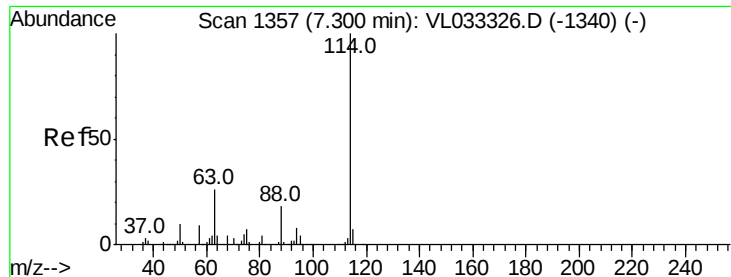
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#26
Hexane
Concen: 0.213 ppbv m
RT: 5.78 min Scan# 884
Delta R.T. -0.00 min
Lab File: VL033342.D
Acq: 15 Mar 2019 22:21

Tgt Ion: 57 Resp: 16256
Ion Ratio Lower Upper
57 100
41 95.6 70.5 105.7
43 0.0 181.8 272.8#
56 55.8 42.2 63.2





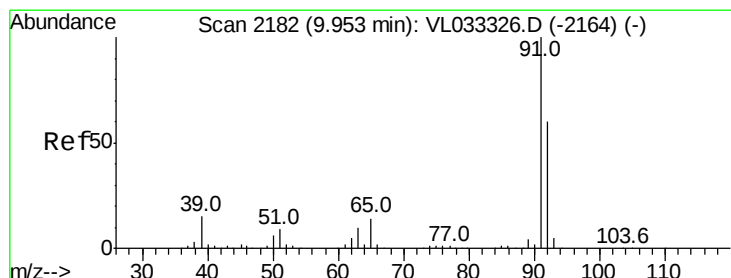
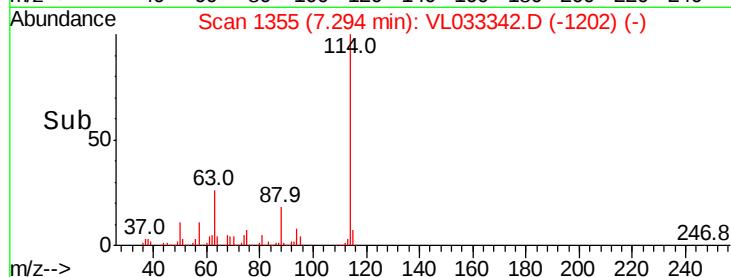
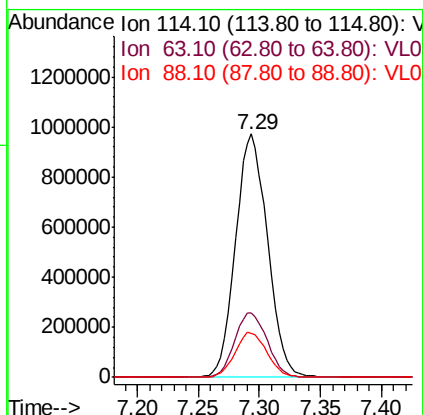
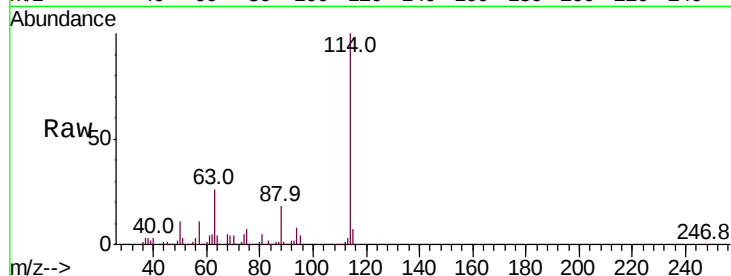
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: VL033342.D
 Acq: 15 Mar 2019 22:21

Instrument :
 MSVOA_L
 ClientSampleId :
 A-1DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.0	21.4	32.2
88	18.5	14.5	21.7

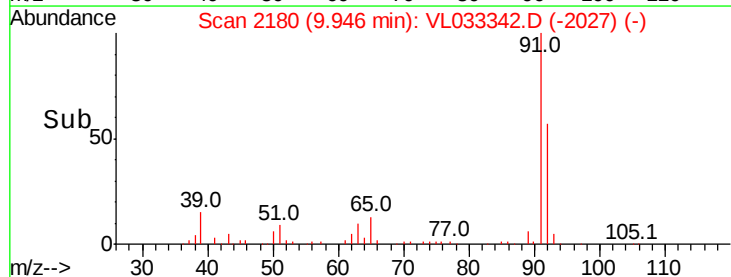
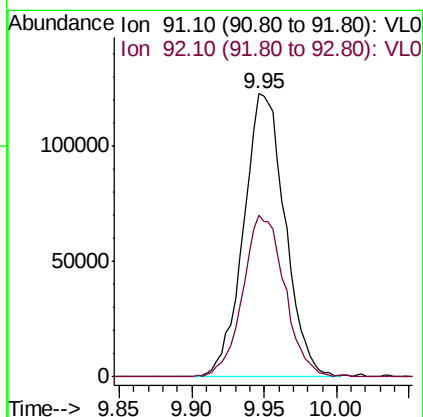
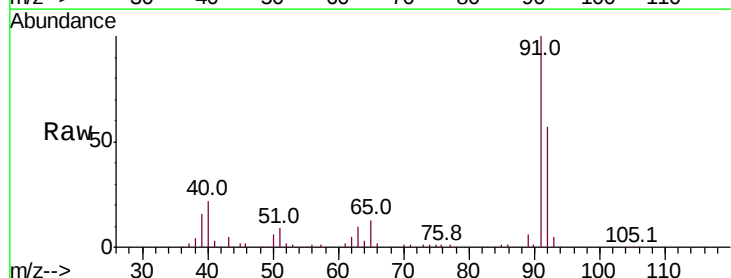
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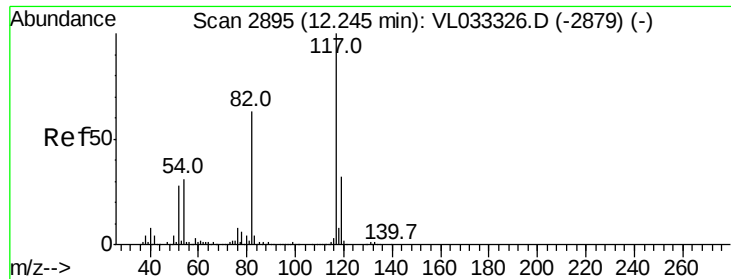
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#53
 Toluene
 Concen: 1.366 ppbv
 RT: 9.95 min Scan# 2180
 Delta R.T. -0.01 min
 Lab File: VL033342.D
 Acq: 15 Mar 2019 22:21

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.8	47.4	71.0





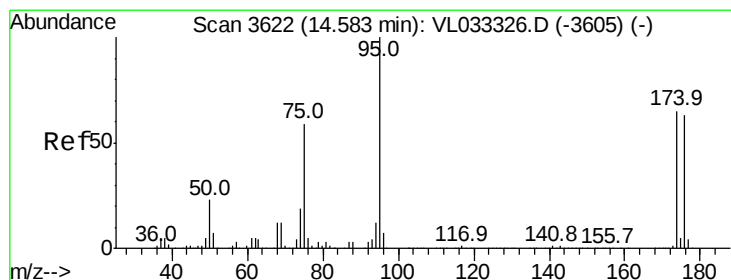
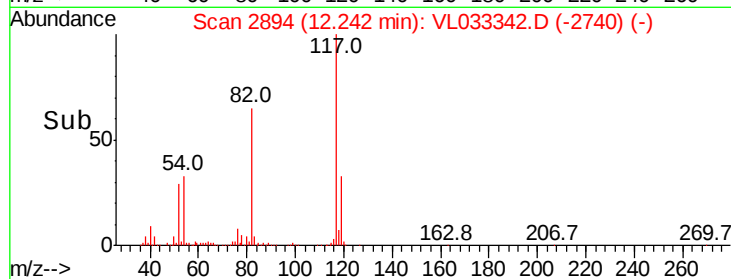
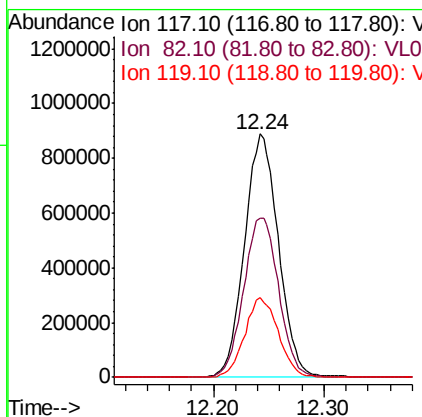
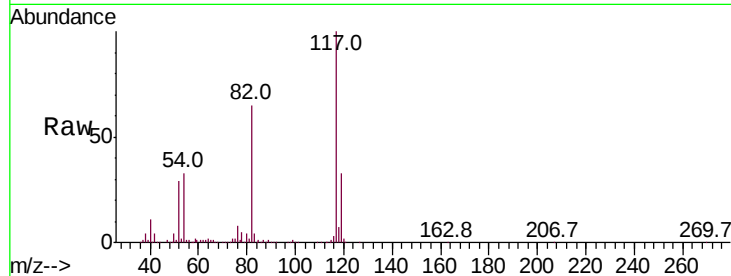
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2894
Delta R.T. -0.00 min
Lab File: VL033342.D
Acq: 15 Mar 2019 22:21

Instrument :
MSVOA_L
ClientSampled :
A-1DL

Tot Ion:117 Resp: 1896122
Ion Ratio Lower Upper
117 100
82 67.8 53.4 80.2
119 32.6 27.3 40.9

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.307 ppbv
RT: 14.58 min Scan# 3622
Delta R.T. -0.00 min
Lab File: VL033342.D
Acq: 15 Mar 2019 22:21

Tgt Ion: 95 Resp: 1448148
Ion Ratio Lower Upper
95 100
174 64.7 51.5 77.3
175 4.5 3.8 5.6

