

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032019\
 Data File : VL033397.D
 Acq On : 20 Mar 2019 19:47
 Operator : SY/AP
 Sample : K1975-01DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL

Manual Integrations
 APPROVED

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 3/25/2019 8:26:29 AM

Quant Time: Mar 21 13:16:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL031519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar 1
 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	811189	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1850653	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.24	117	1791515	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1355907	10.21	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.10%

Target Compounds					Ovalue
13) Ethanol	3.66	45	20940	1.057 ppbv	96
15) Acetone	3.91	43	64398	0.511 ppbv	94
20) Methylene Chloride	4.41	84	35046	0.852 ppbv	92
26) Hexane	5.77	57	24609m	0.300 ppbv	

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

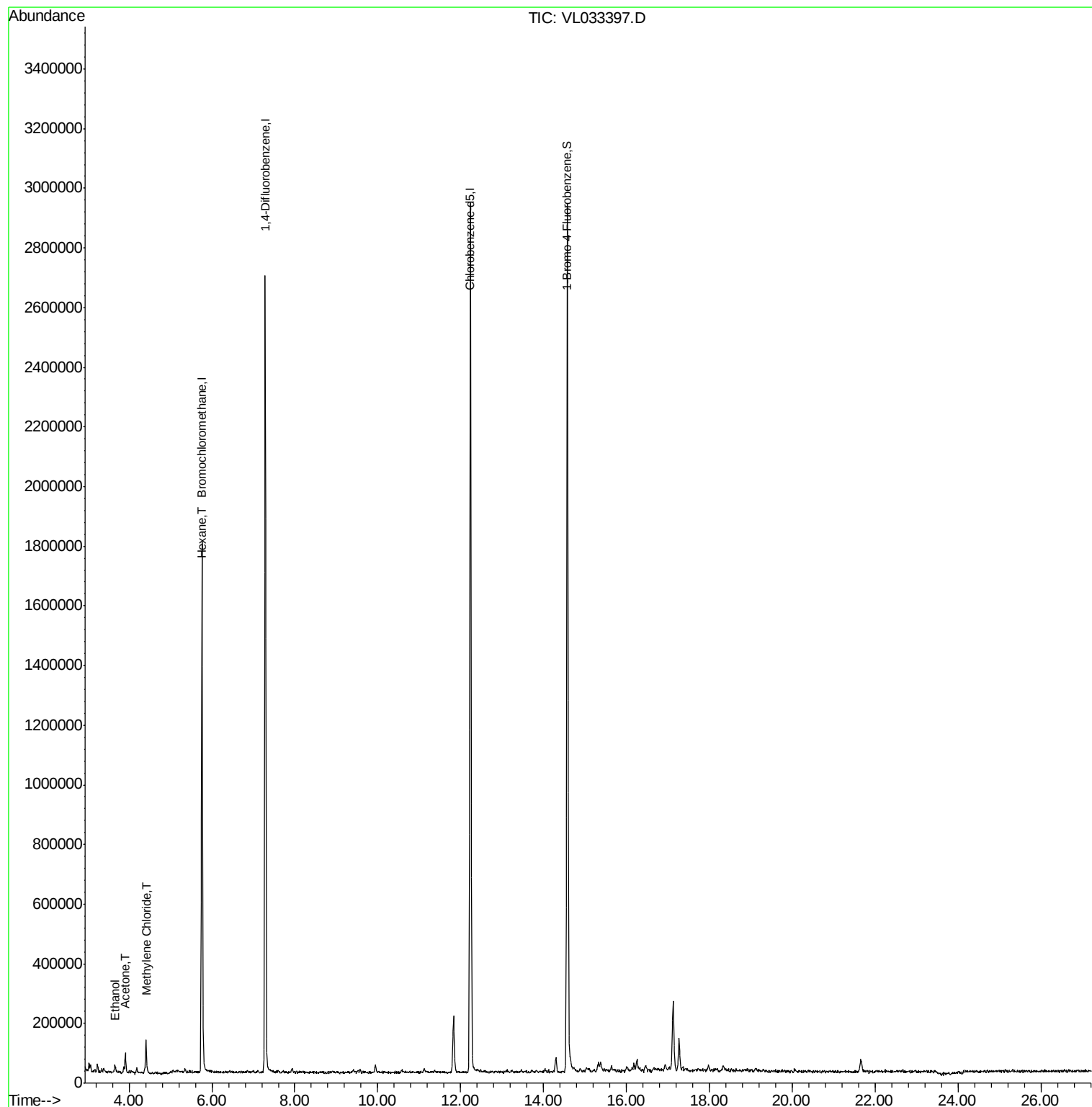
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL032019\
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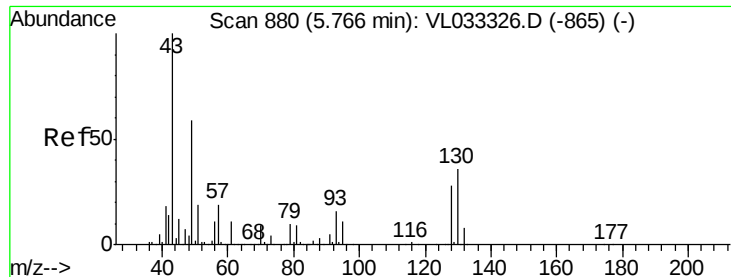
Instrument :
MSVOA_L
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL031519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar
QLast Update : Fri Mar 15 14:52:14 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 877

Delta R.T. -0.01 min

Lab File: VL033397.D

Acq: 20 Mar 2019 19:47

Instrument :

MSVOA_L

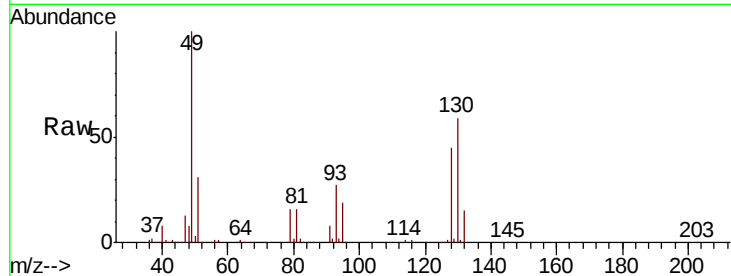
ClientSampleID :

QA1DL

Tot Ion	Ratio	Lower	Upper
49	100		
128	47.7	23.5	70.6
130	61.4	30.1	90.3

Manual Integrations
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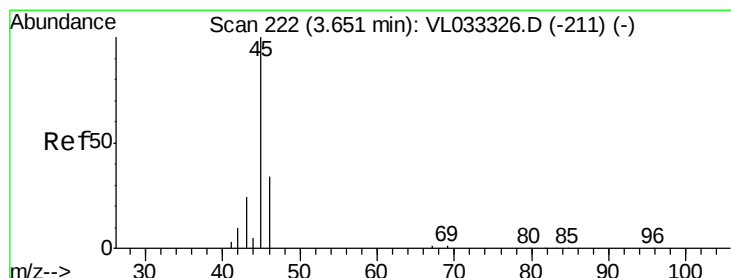
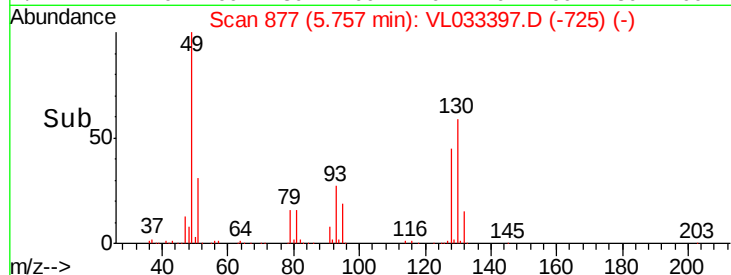
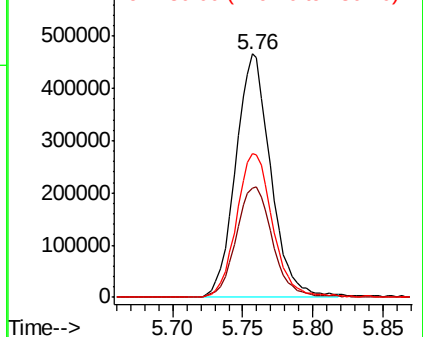


Abundance

Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#13

Ethanol

Concen: 1.057 ppbv

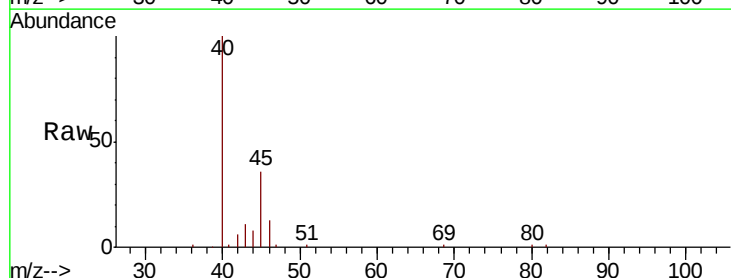
RT: 3.66 min Scan# 224

Delta R.T. 0.01 min

Lab File: VL033397.D

Acq: 20 Mar 2019 19:47

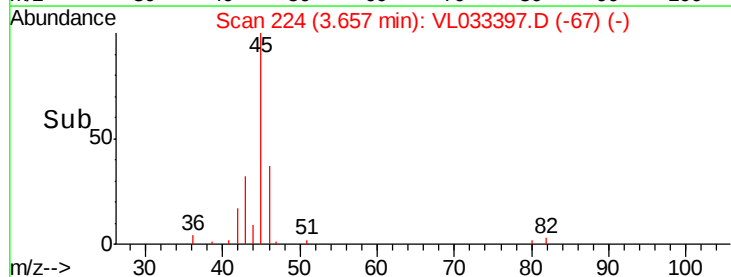
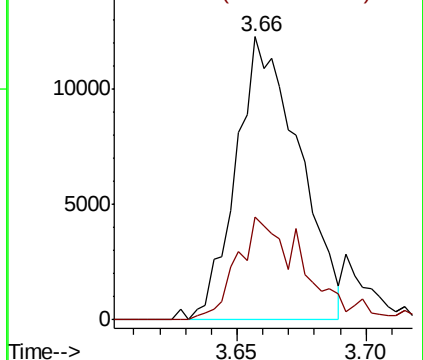
Tgt Ion	Ratio	Lower	Upper
45	100		
46	40.0	14.9	59.7

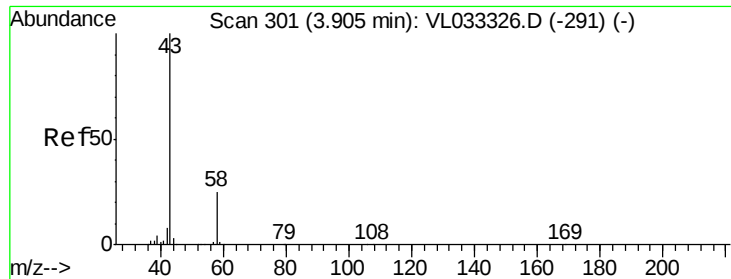


Abundance

Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





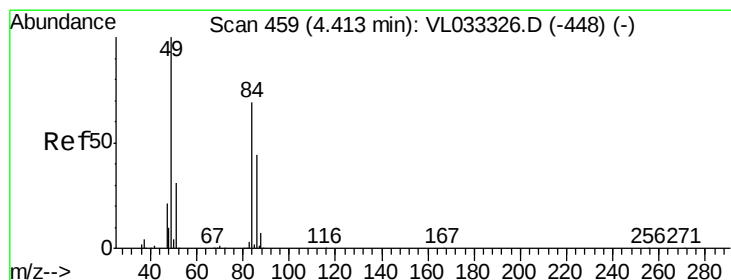
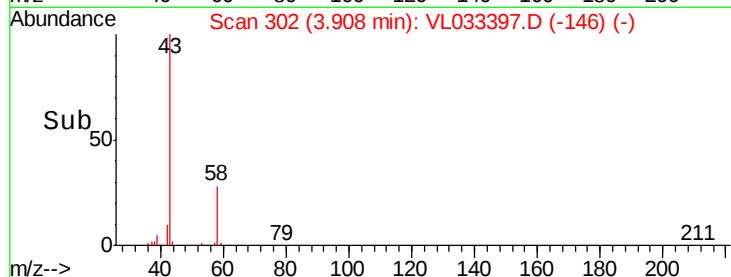
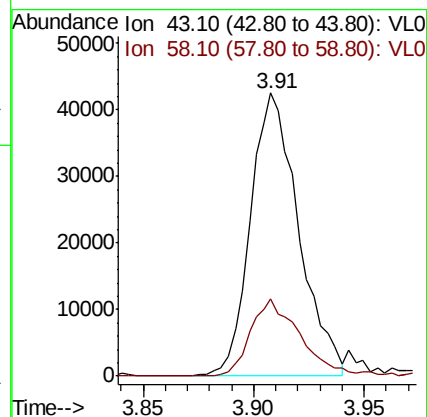
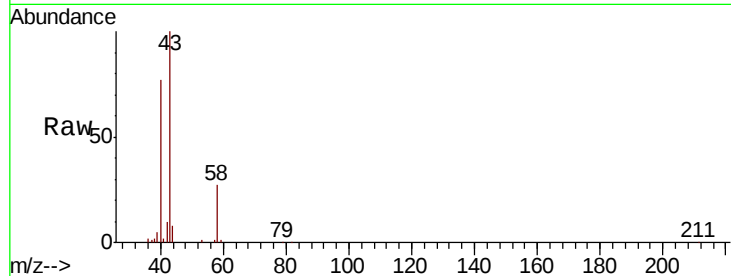
#15
Acetone
Concen: 0.511 ppbv
RT: 3.91 min Scan# 302
Delta R.T. 0.00 min
Lab File: VL033397.D
Acq: 20 Mar 2019 19:47

Instrument :
MSVOA_L
ClientSampleId :
QA1DL

Tot Ion: 43 Resp: 64398
Ion Ratio Lower Upper
43 100
58 28.7 20.4 30.6

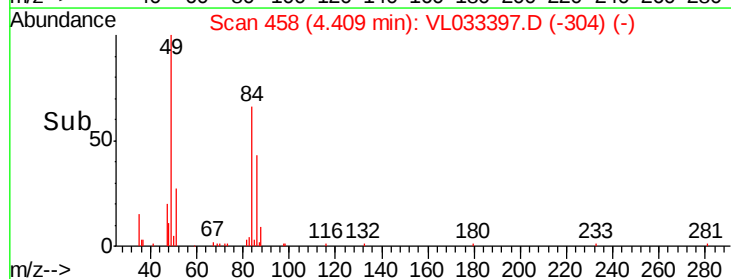
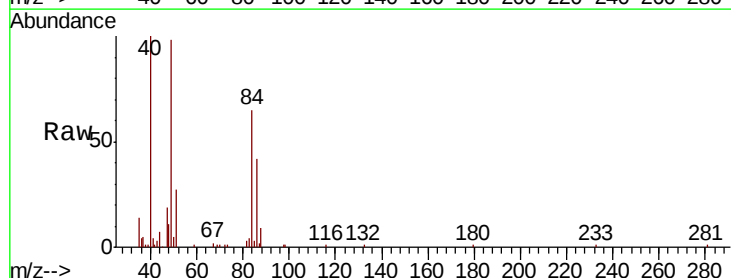
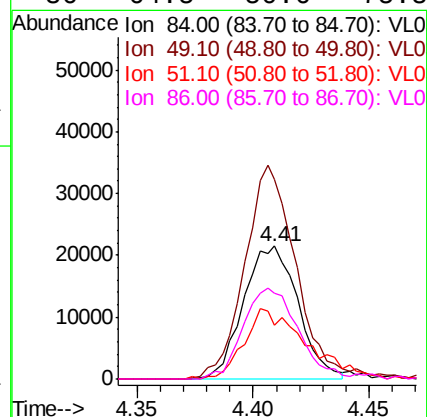
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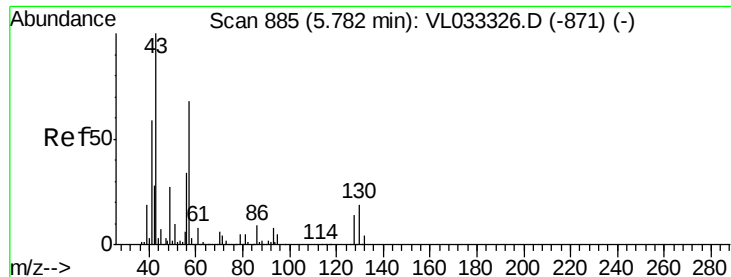
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#20
Methylene Chloride
Concen: 0.852 ppbv
RT: 4.41 min Scan# 458
Delta R.T. -0.00 min
Lab File: VL033397.D
Acq: 20 Mar 2019 19:47

Tgt Ion: 84 Resp: 35046
Ion Ratio Lower Upper
84 100
49 157.1 115.4 173.0
51 39.2 35.8 53.6
86 64.5 50.6 75.8





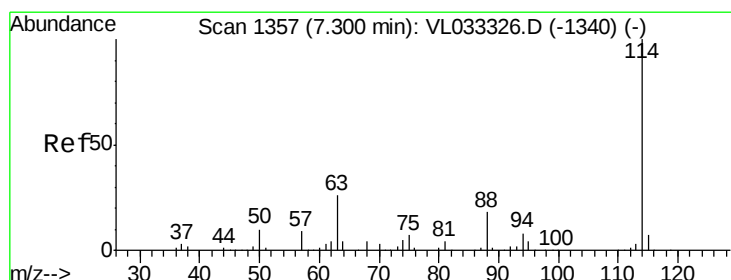
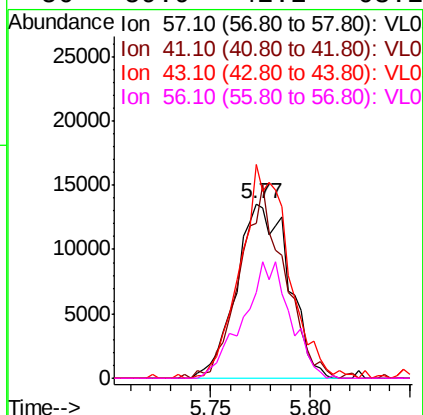
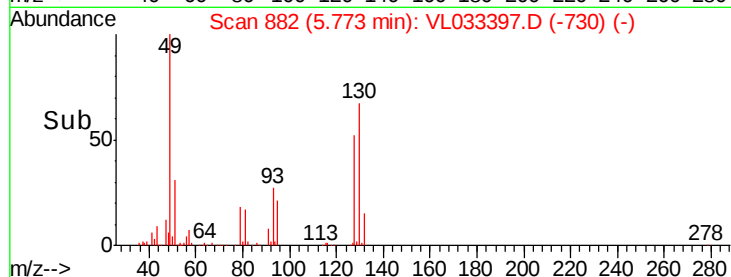
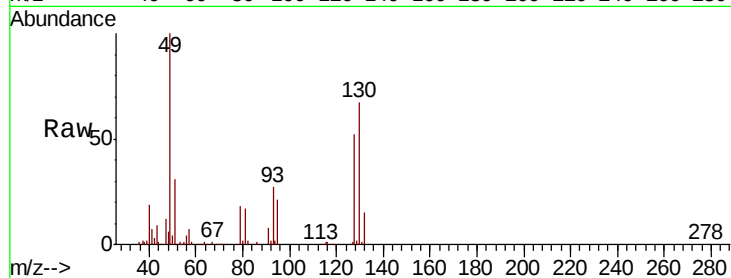
#26
Hexane
Concen: 0.300 ppbv m
RT: 5.77 min Scan# 882
Delta R.T. -0.01 min
Lab File: VL033397.D
Acq: 20 Mar 2019 19:47

Instrument :
MSVOA_L
ClientSampled :
QA1DL

Tot Ion: 57 Resp: 24609
Ion Ratio Lower Upper
57 100
41 94.5 70.5 105.7
43 113.3 181.8 272.8#
56 59.9 42.2 63.2

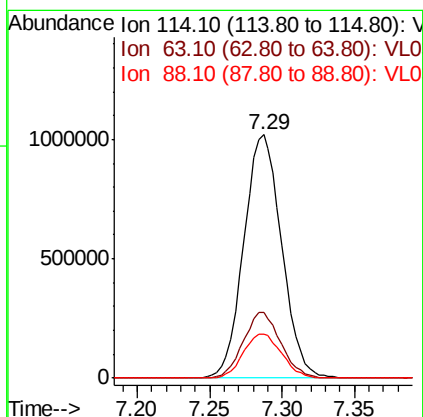
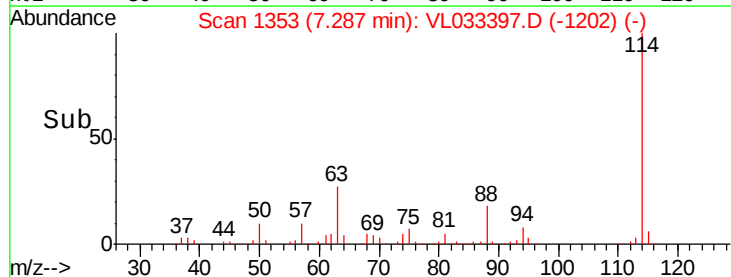
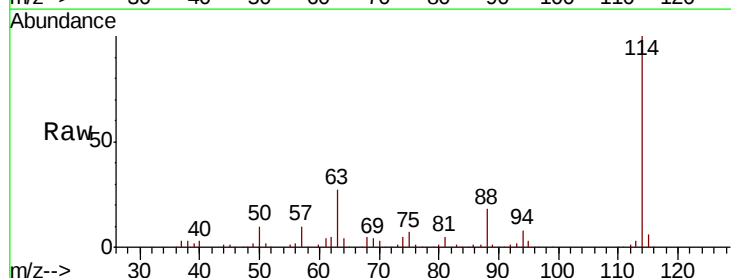
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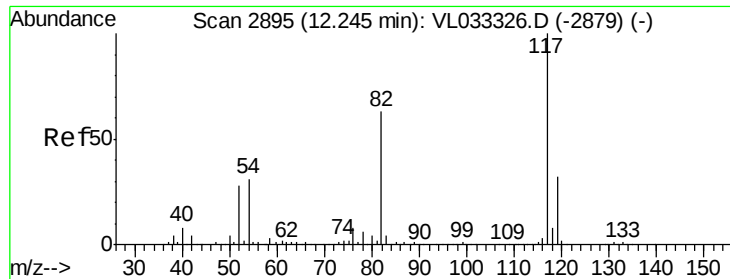
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.01 min
Lab File: VL033397.D
Acq: 20 Mar 2019 19:47

Tgt Ion:114 Resp: 1850653
Ion Ratio Lower Upper
114 100
63 26.9 21.4 32.2
88 18.5 14.5 21.7





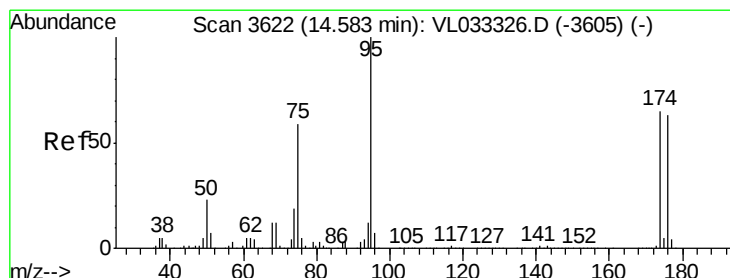
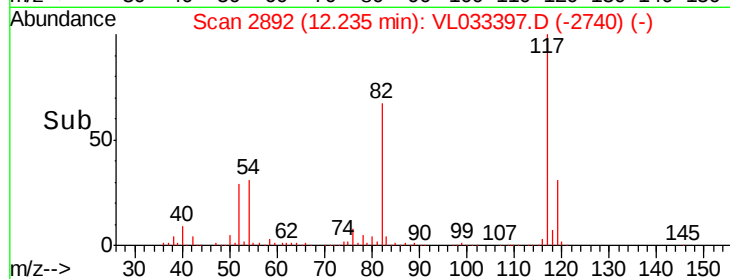
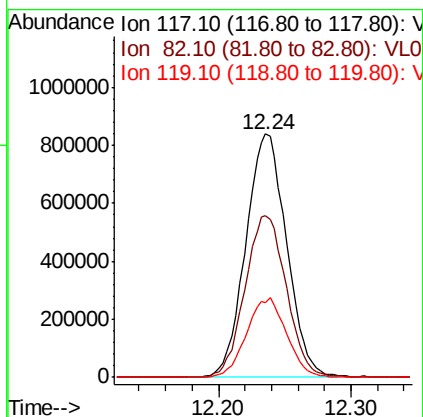
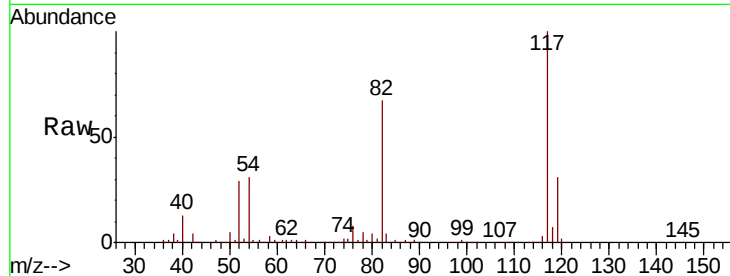
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL033397.D
Acq: 20 Mar 2019 19:47

Instrument :
MSVOA_L
ClientSampled :
QA1DL

Tot Ion:117 Resp: 1791515
Ion Ratio Lower Upper
117 100
82 68.1 53.4 80.2
119 32.3 27.3 40.9

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.214 ppbv
RT: 14.58 min Scan# 3620
Delta R.T. -0.01 min
Lab File: VL033397.D
Acq: 20 Mar 2019 19:47

Tgt Ion: 95 Resp: 1355907
Ion Ratio Lower Upper
95 100
174 65.0 51.5 77.3
175 4.9 3.8 5.6

