

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031819\
 Data File : VL033376.D
 Acq On : 19 Mar 2019 2:36
 Operator : SY/AP
 Sample : K1952-04DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 L1HA-IA3DL

Manual Integrations
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Quant Time: Mar 19 08:25:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL031519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar 19 08:25:52 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	747436	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1665373	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.24	117	1592141	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1198625	10.16	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.05	41	8278m	0.216	ppbv	
13) Ethanol	3.65	45	666302	36.496	ppbv	97
15) Acetone	3.90	43	199343	1.716	ppbv	95
20) Methylene Chloride	4.41	84	46960	1.239	ppbv	97
26) Hexane	5.78	57	23776	0.315	ppbv #	43
53) Toluene	9.94	91	119300	0.704	ppbv	99

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

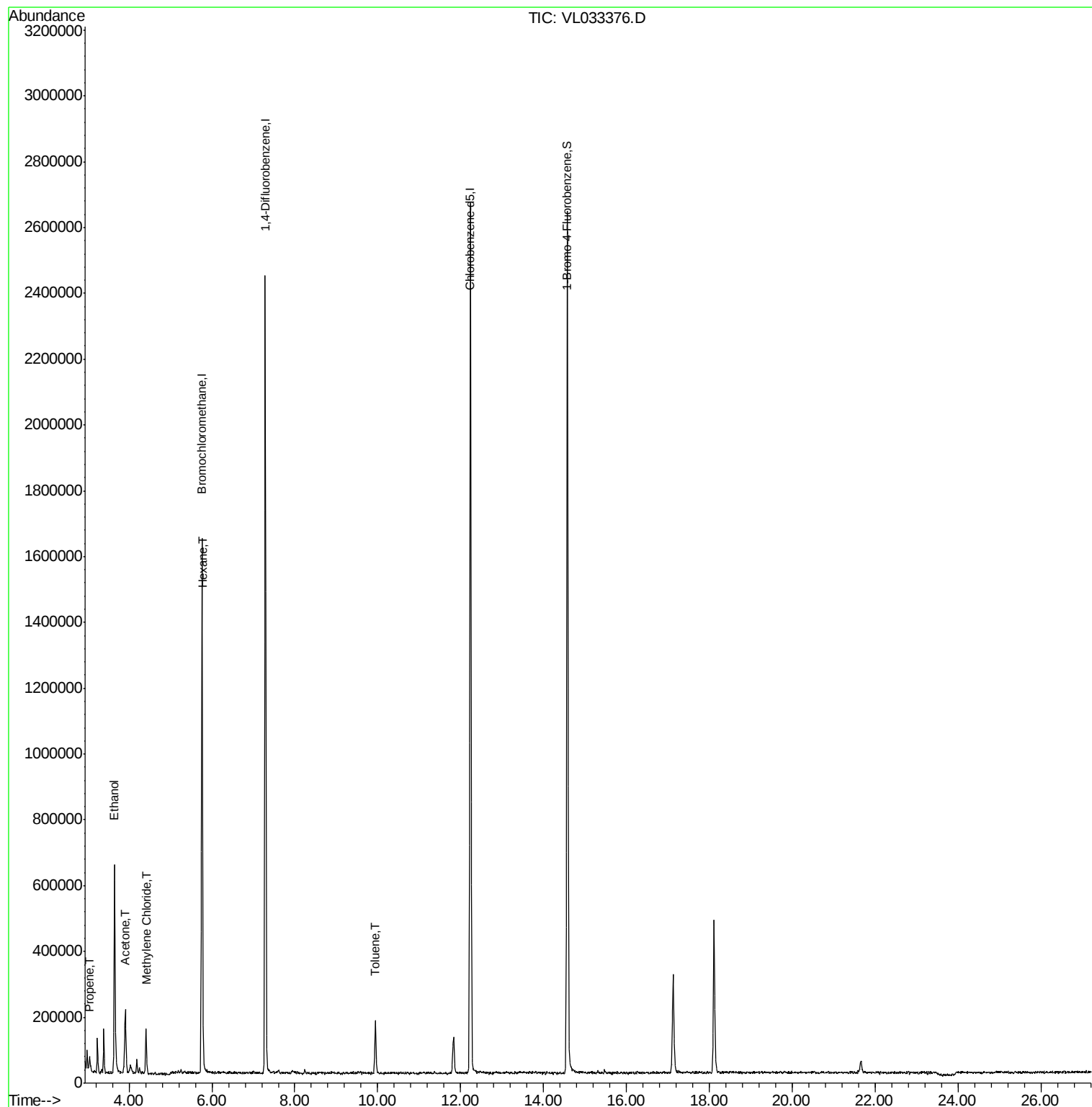
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL031819\
Data File : VL033376.D
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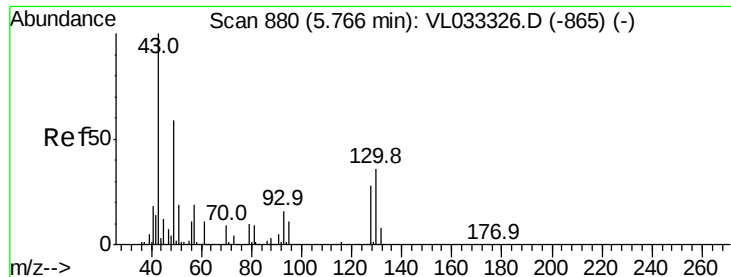
Instrument :
MSVOA_L
ClientSampleId :
L1HA-IA3DL

Quant Time: Mar 19 08:25:52 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

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 877

Delta R.T. -0.01 min

Lab File: VL033376.D

Acq: 19 Mar 2019 2:36

Instrument :

MSVOA_L

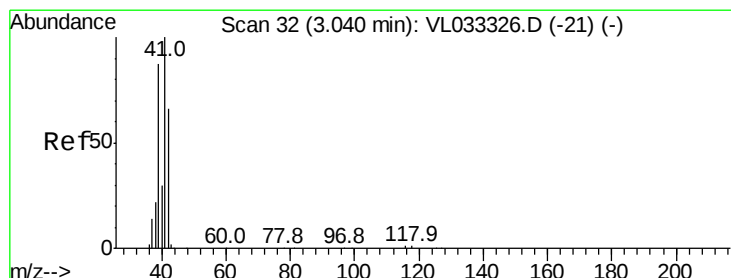
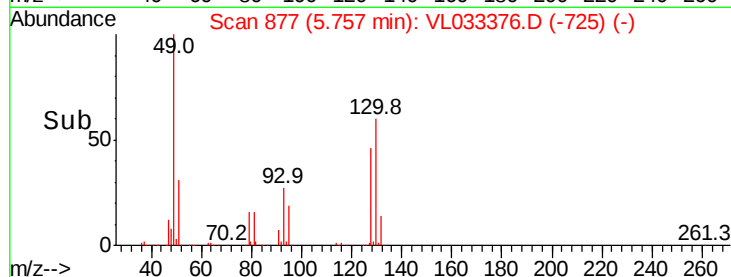
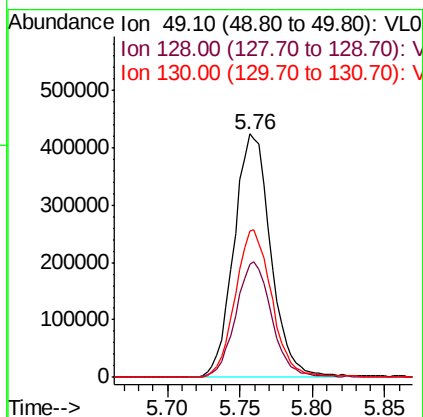
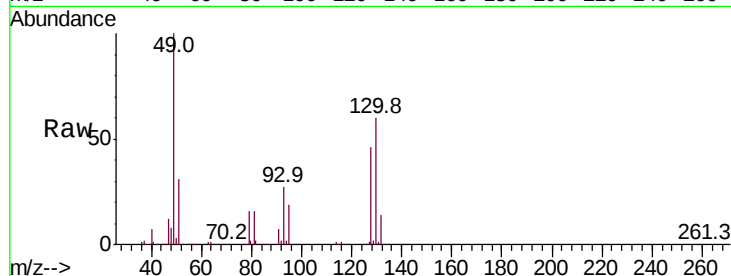
ClientSampled :

L1HA-IA3DL

Tot Ion:	49	Resp:	747436
Ion Ratio	Lower	Upper	
49	100		
128	46.8	23.5	70.6
130	60.7	30.1	90.3

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#9

Propene

Concen: 0.216 ppbv m

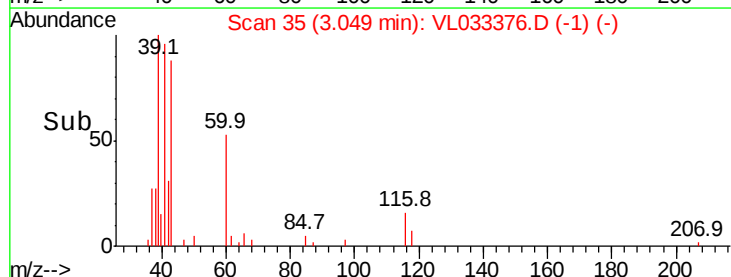
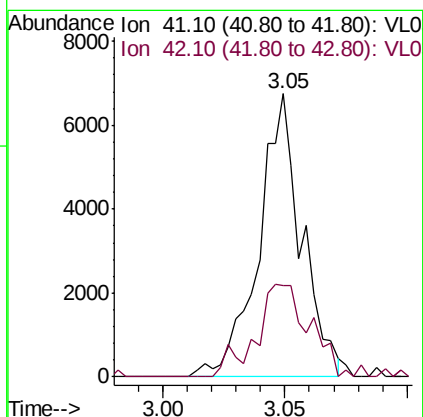
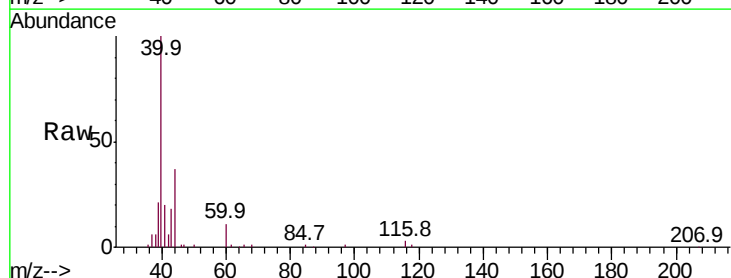
RT: 3.05 min Scan# 35

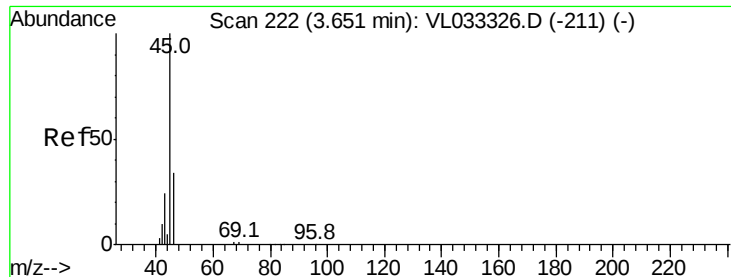
Delta R.T. 0.01 min

Lab File: VL033376.D

Acq: 19 Mar 2019 2:36

Tgt Ion:	41	Resp:	8278
Ion Ratio	Lower	Upper	
41	100		
42	203.6	55.2	82.8#





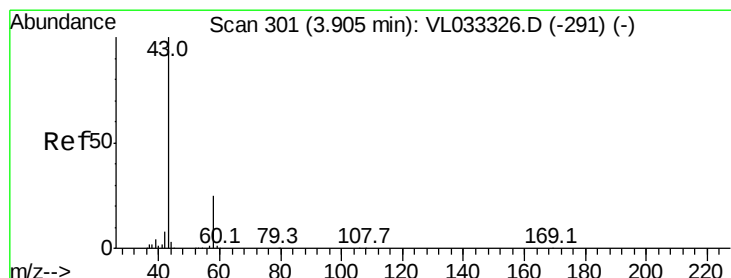
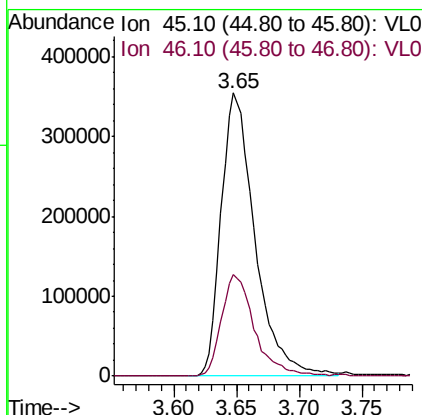
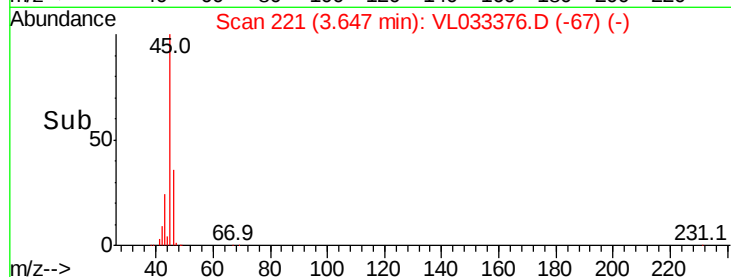
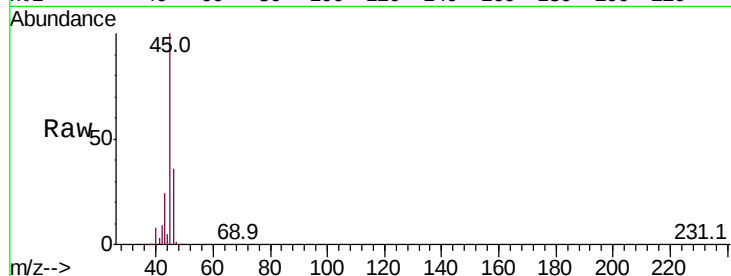
#13
Ethanol
Concen: 36.496 ppbv
RT: 3.65 min Scan# 221
Delta R.T. -0.00 min
Lab File: VL033376.D
Acq: 19 Mar 2019 2:36

Instrument :
MSVOA_L
ClientSampled :
L1HA-IA3DL

Tot Ion: 45 Resp: 666302
Ion Ratio Lower Upper
45 100
46 35.4 14.9 59.7

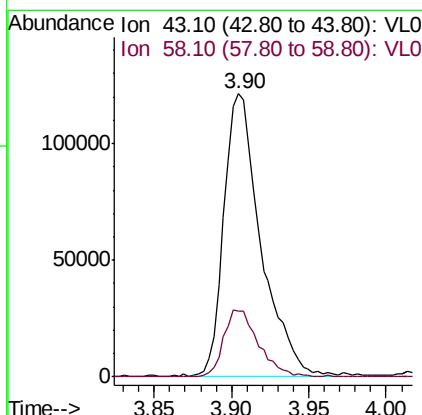
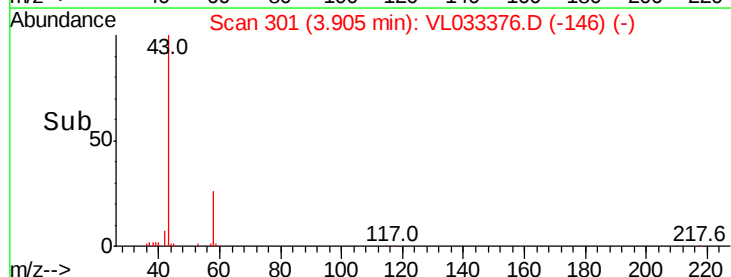
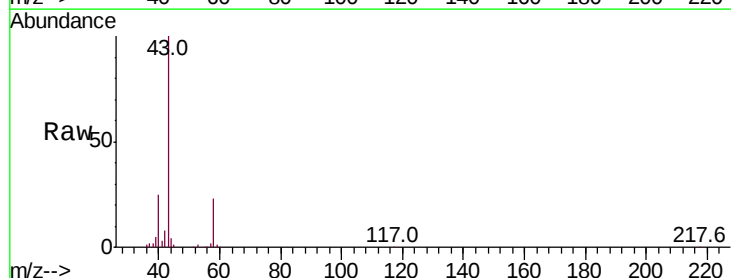
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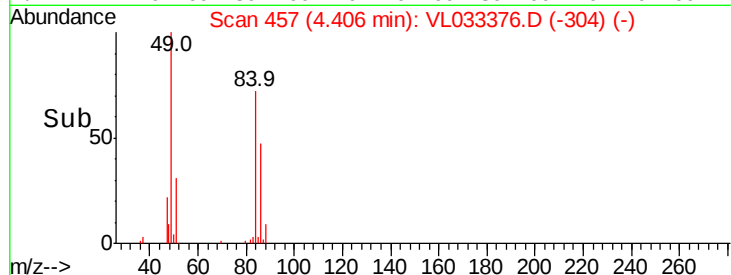
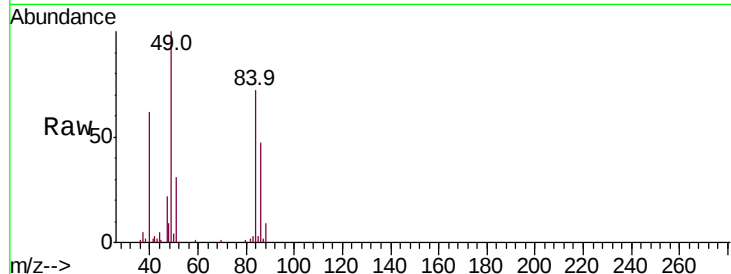
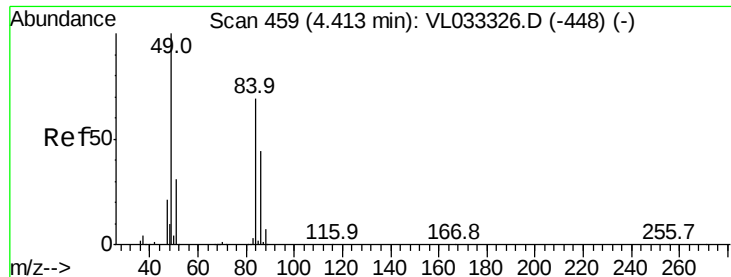
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#15
Acetone
Concen: 1.716 ppbv
RT: 3.90 min Scan# 301
Delta R.T. -0.00 min
Lab File: VL033376.D
Acq: 19 Mar 2019 2:36

Tgt Ion: 43 Resp: 199343
Ion Ratio Lower Upper
43 100
58 22.9 20.4 30.6





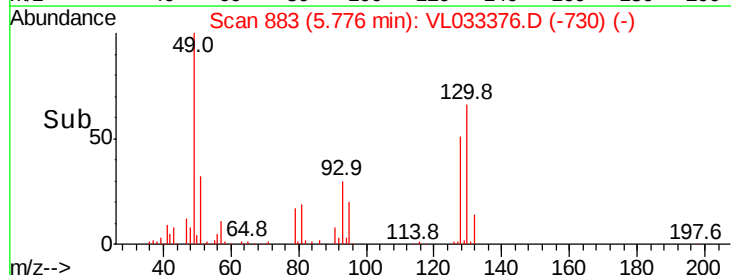
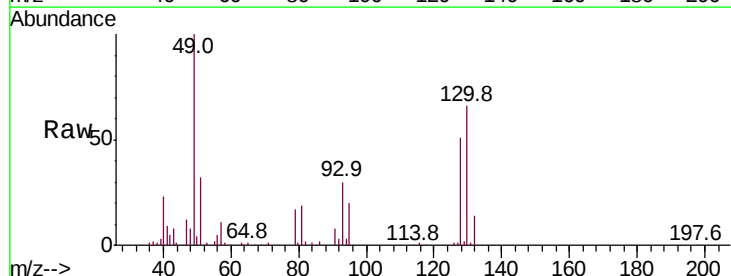
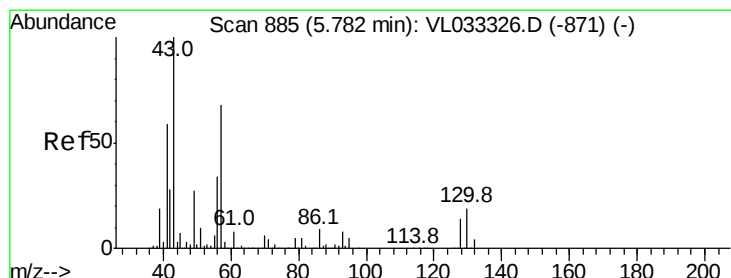
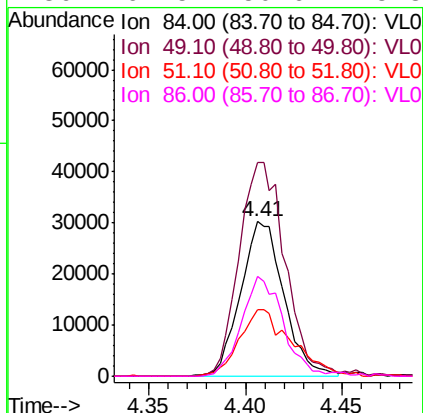
#20
Methvlene Chloride
Concen: 1.239 ppbv
RT: 4.41 min Scan# 457
Delta R.T. -0.01 min
Lab File: VL033376.D
Acq: 19 Mar 2019 2:36

Tot Ion	84	Resp:	46960
Ion	Ratio	Lower	Upper
84	100		
49	138.4	115.4	173.0
51	43.4	35.8	53.6
86	64.5	50.6	75.8

Instrument :
MSVOA_L
ClientSampleId :
L1HA-IA3DL

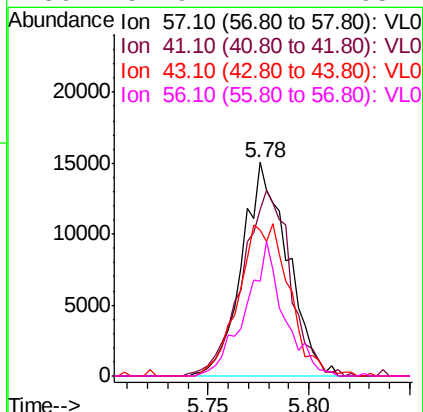
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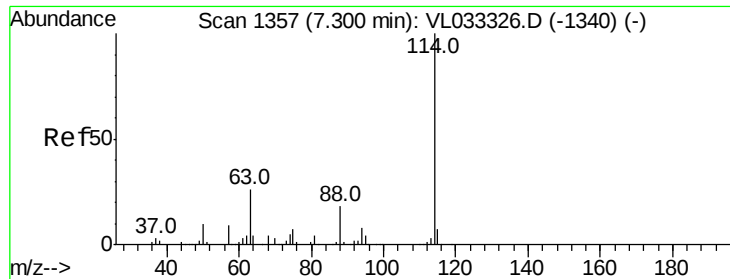
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#26
Hexane
Concen: 0.315 ppbv
RT: 5.78 min Scan# 883
Delta R.T. -0.01 min
Lab File: VL033376.D
Acq: 19 Mar 2019 2:36

Tgt Ion	57	Resp:	23776
Ion	Ratio	Lower	Upper
57	100		
41	92.7	70.5	105.7
43	79.2	181.8	272.8#
56	52.9	42.2	63.2





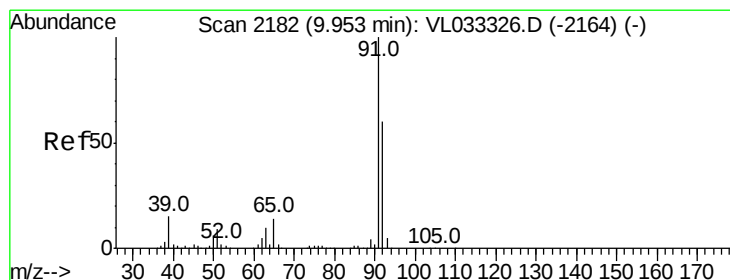
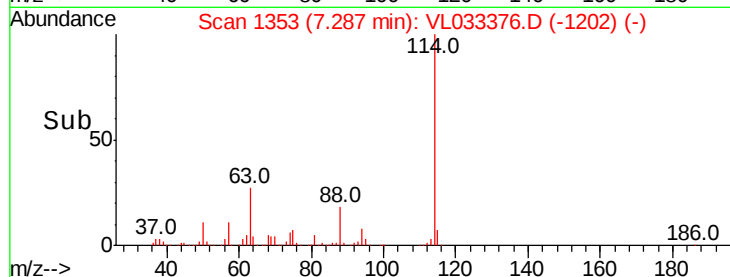
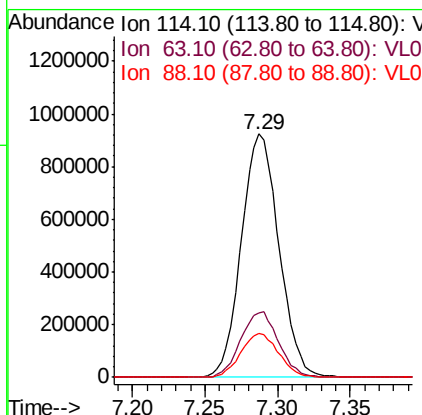
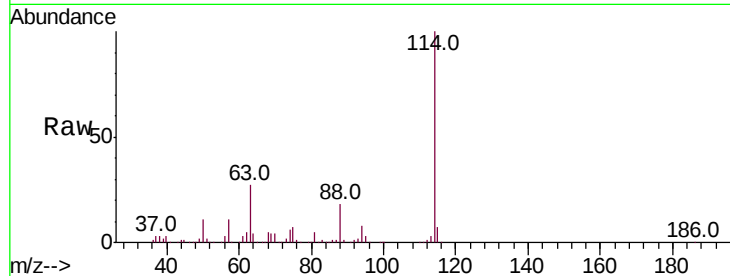
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: VL033376.D
 Acq: 19 Mar 2019 2:36

Instrument :
 MSVOA_L
 ClientSampleId :
 L1HA-IA3DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.1	21.4	32.2
88	18.3	14.5	21.7

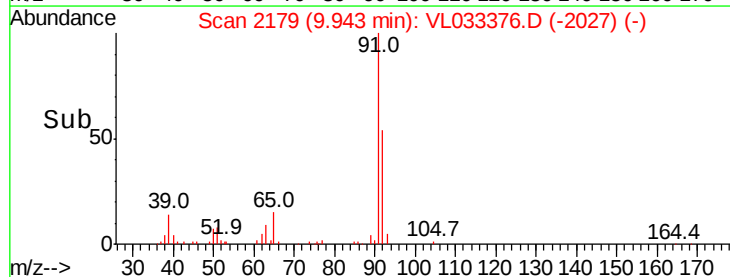
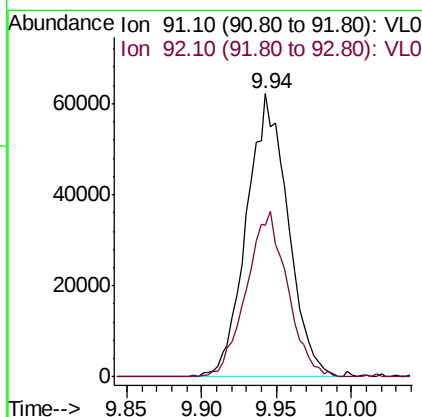
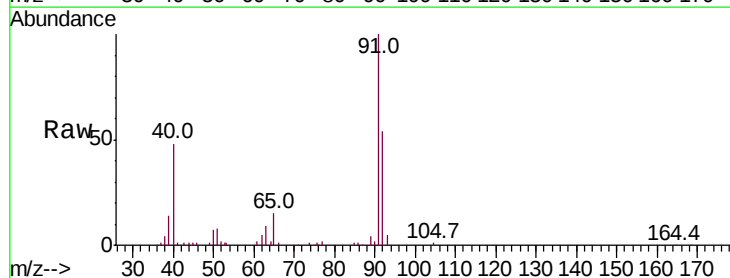
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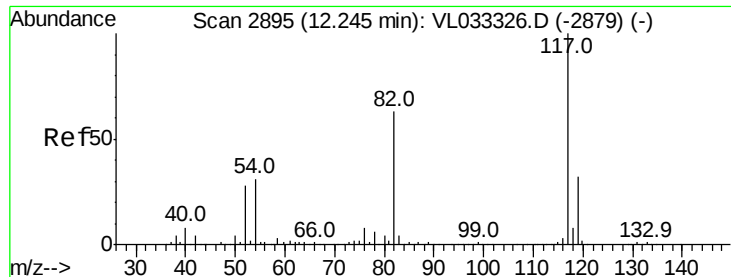
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#53
 Toluene
 Concen: 0.704 ppbv
 RT: 9.94 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: VL033376.D
 Acq: 19 Mar 2019 2:36

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.1	47.4	71.0





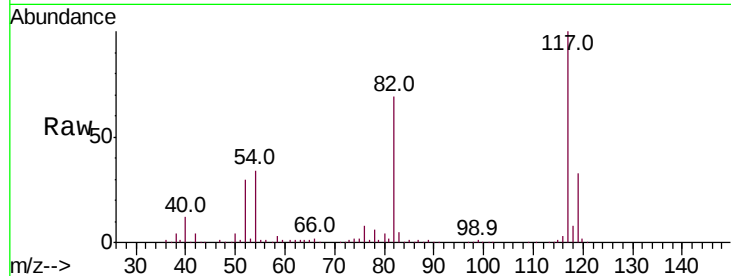
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL033376.D
Acq: 19 Mar 2019 2:36

Instrument :
MSVOA_L
ClientSampleId :
L1HA-IA3DL

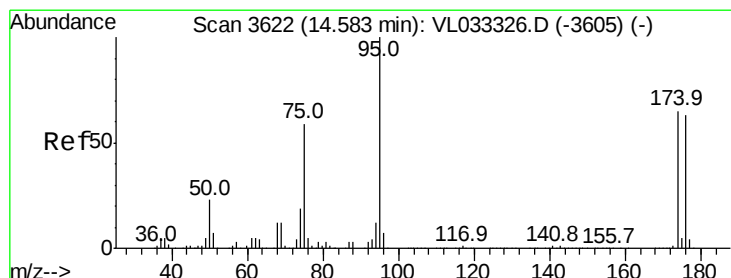
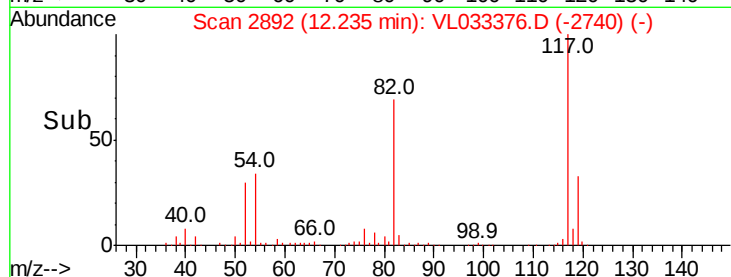
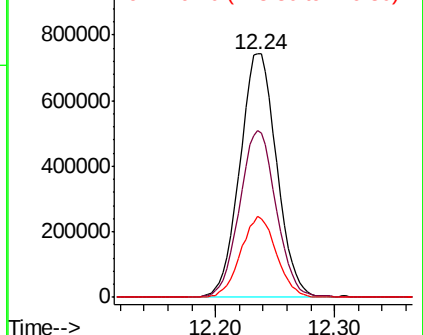
Tot Ion:117 Resp: 1592141
Ion Ratio Lower Upper
117 100
82 68.6 53.4 80.2
119 32.3 27.3 40.9

Manual Integrations
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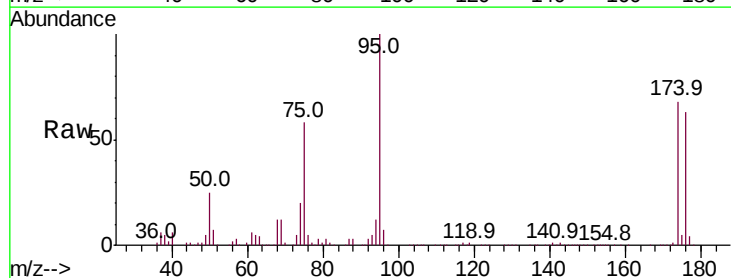


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.160 ppbv
RT: 14.57 min Scan# 3619
Delta R.T. -0.01 min
Lab File: VL033376.D
Acq: 19 Mar 2019 2:36

Tgt Ion: 95 Resp: 1198625
Ion Ratio Lower Upper
95 100
174 65.4 51.5 77.3
175 4.7 3.8 5.6



Abundance Ion 95.10 (94.80 to 95.80): VL0
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

