

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL021319\
 Data File : VL033192.D
 Acq On : 13 Feb 2019 18:27
 Operator : SY/AP
 Sample : K1408-03DL 10X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 FM-AADL

Manual Integrations
 APPROVED

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Quant Time: Feb 20 07:54:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL020519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Feb 20 07:54:54 2019
 QLast Update : Wed Feb 20 06:00:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	986004	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2259176	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.24	117	2230078	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1787224	10.28	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chlorodifluoromethane	3.02	51	29151	0.246	ppbv	96
13) Ethanol	3.67	45	16823m	0.863	ppbv	
15) Acetone	3.92	43	54434	0.490	ppbv	97
20) Methylene Chloride	4.41	84	20577m	0.466	ppbv	
26) Hexane	5.78	57	26013	0.222	ppbv #	44
53) Toluene	9.95	91	27236m	0.100	ppbv	

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

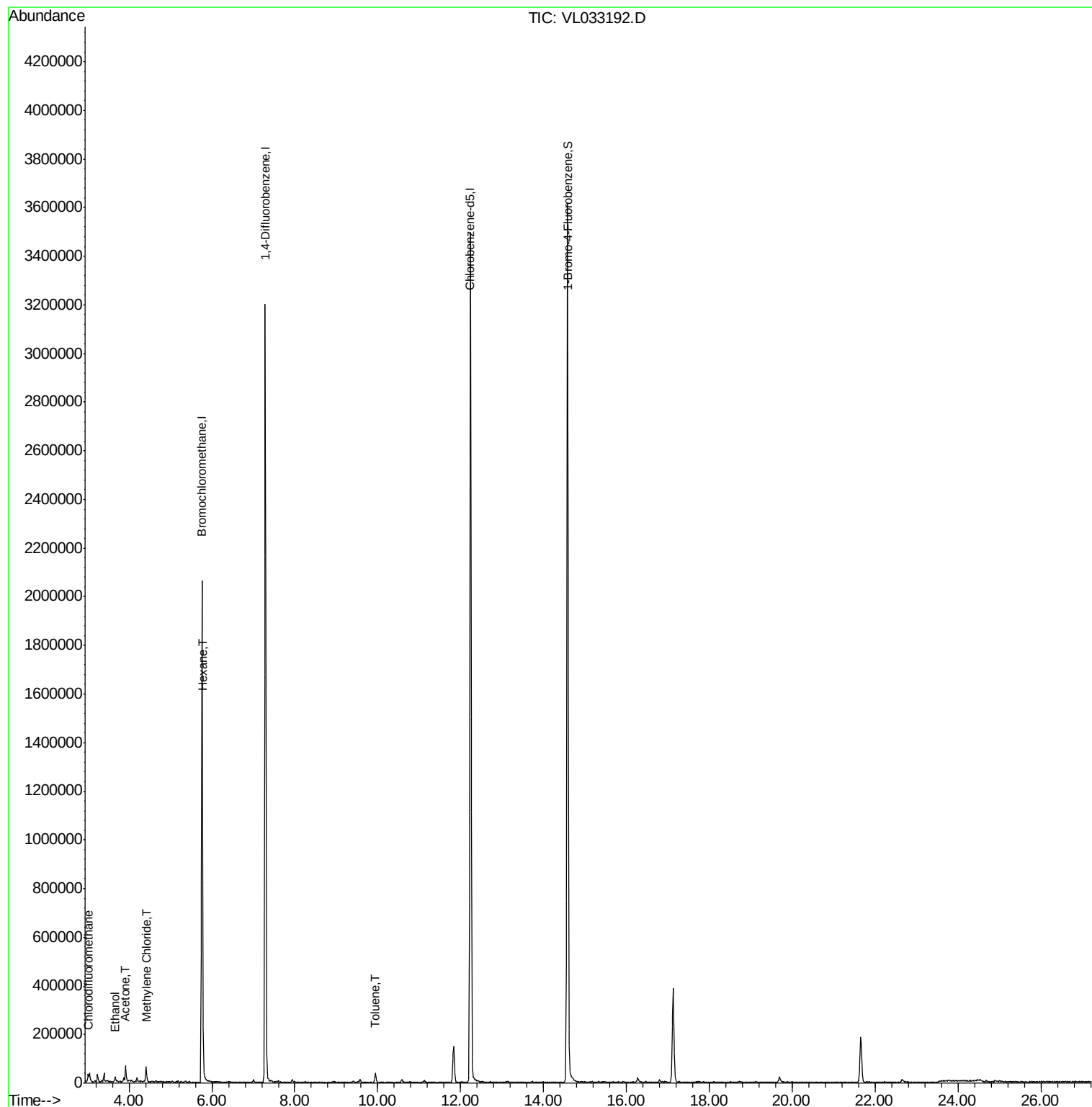
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL021319\
Data File : VL033192.D
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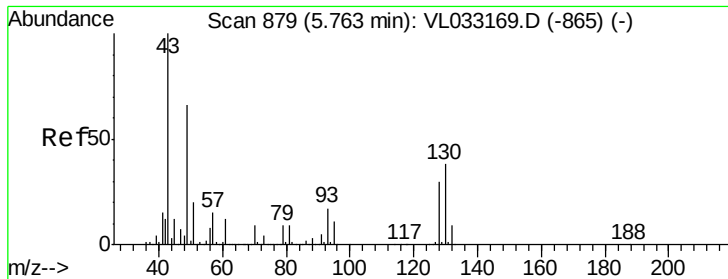
Instrument :
MSVOA_L
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL020519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Feb
QLast Update : Wed Feb 20 06:00:52 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 877

Delta R.T. -0.01 min

Lab File: VL033192.D

Acq: 13 Feb 2019 18:27

Instrument :

MSVOA_L

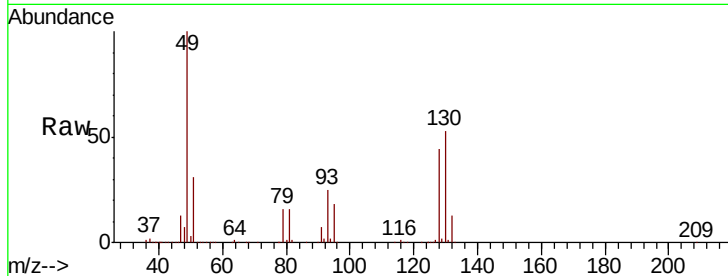
ClientSampled :

FM-AADL

Tgt Ion:	49	Resp:	986004
Ion Ratio	Lower	Upper	
49	100		
128	46.4	23.6	71.0
130	58.8	30.3	91.0

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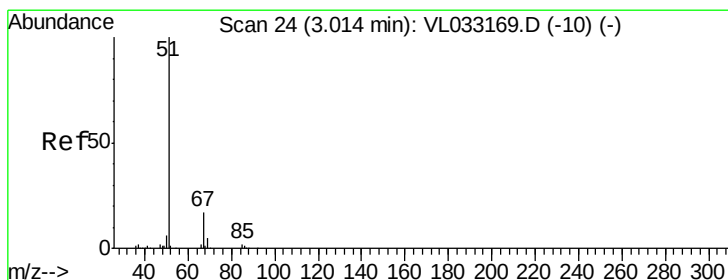
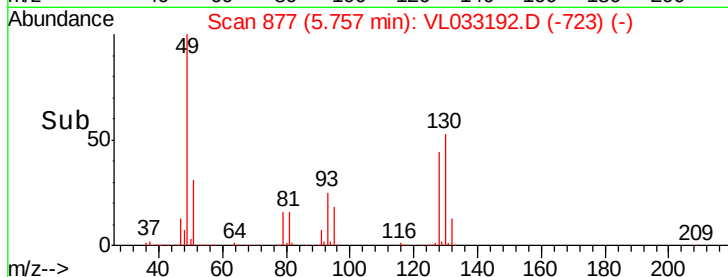
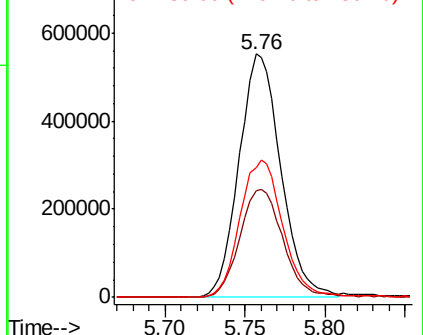
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#3

Chlorodifluoromethane

Concen: 0.246 ppbv

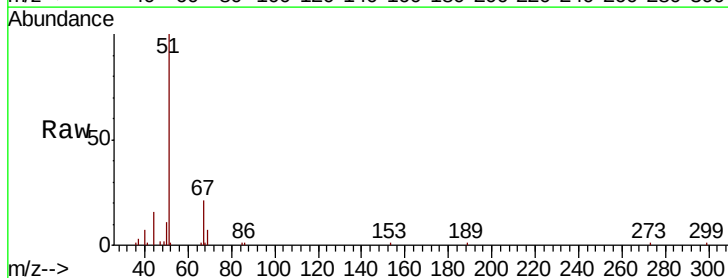
RT: 3.02 min Scan# 25

Delta R.T. 0.00 min

Lab File: VL033192.D

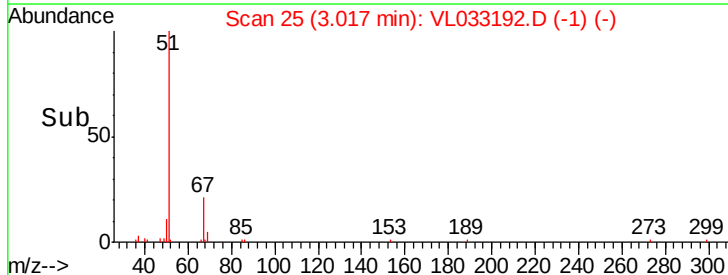
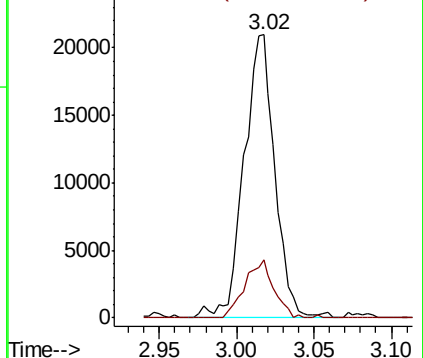
Acq: 13 Feb 2019 18:27

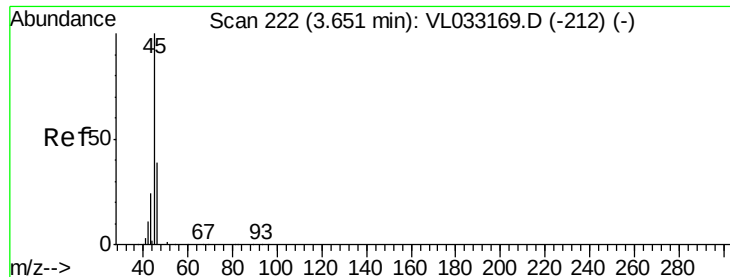
Tgt Ion:	51	Resp:	29151
Ion Ratio	Lower	Upper	
51	100		
67	19.3	14.0	21.0



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0





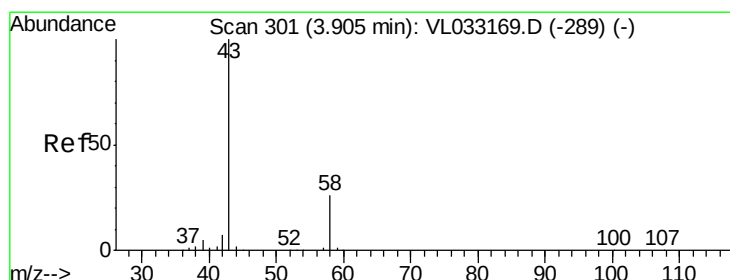
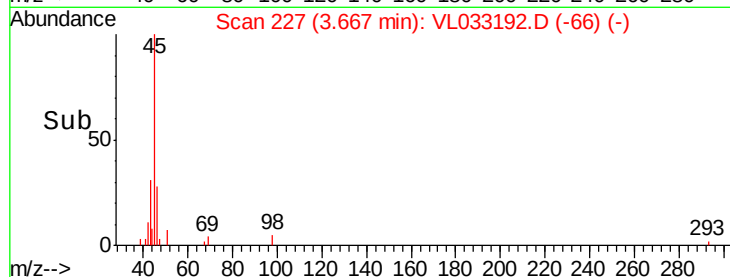
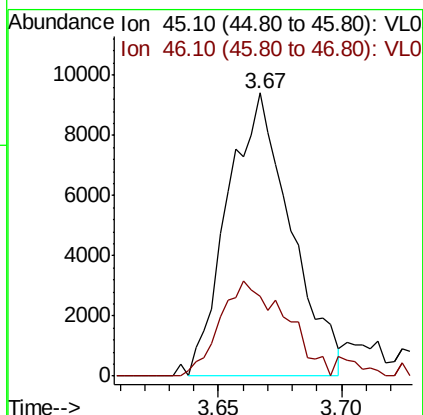
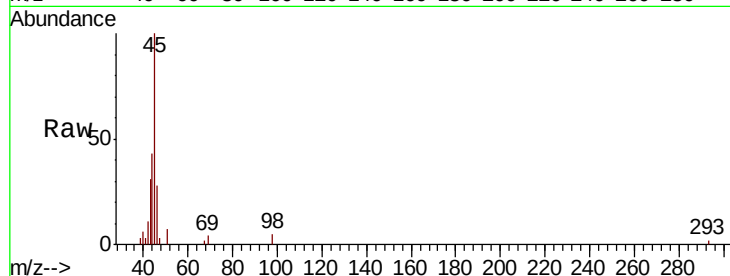
#13
Ethanol
Concen: 0.863 ppbv m
RT: 3.67 min Scan# 227
Delta R.T. 0.02 min
Lab File: VL033192.D
Acq: 13 Feb 2019 18:27

Instrument :
MSVOA_L
ClientSampled :
FM-AADL

Tgt Ion: 45 Resp: 16823
Ion Ratio Lower Upper
45 100
46 34.7 15.0 60.2

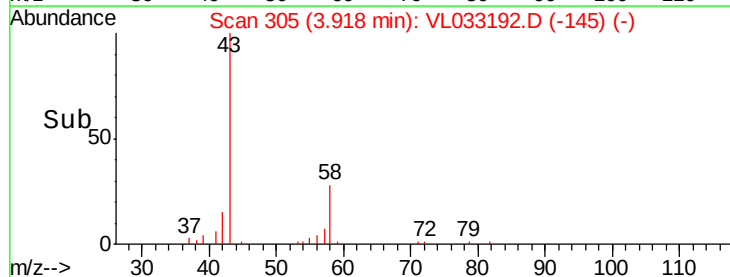
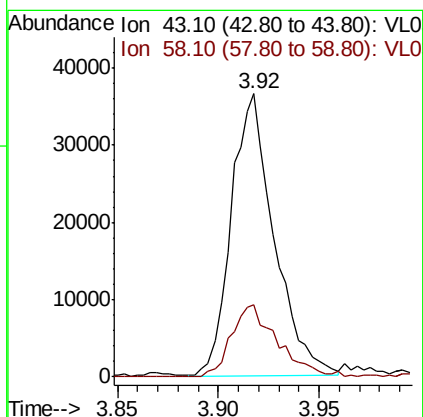
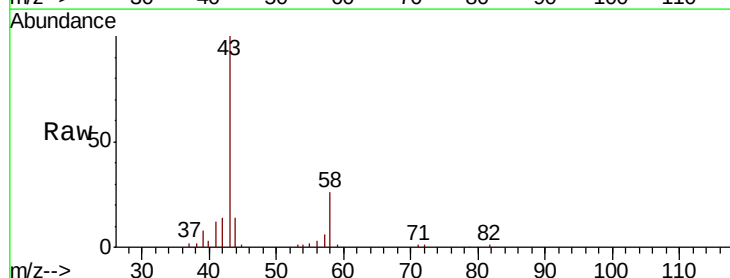
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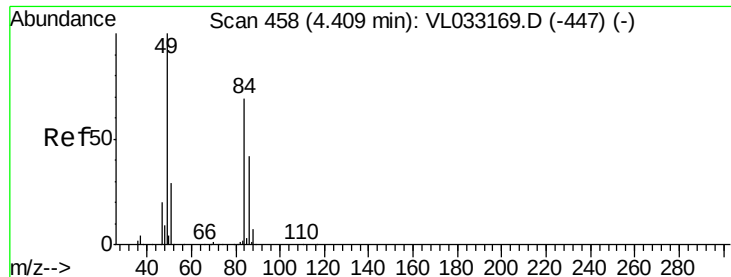
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#15
Acetone
Concen: 0.490 ppbv
RT: 3.92 min Scan# 305
Delta R.T. 0.01 min
Lab File: VL033192.D
Acq: 13 Feb 2019 18:27

Tgt Ion: 43 Resp: 54434
Ion Ratio Lower Upper
43 100
58 27.9 21.1 31.7





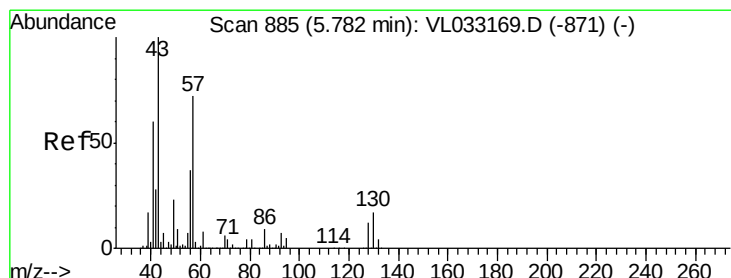
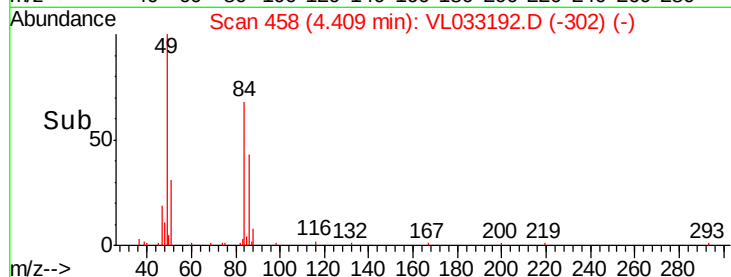
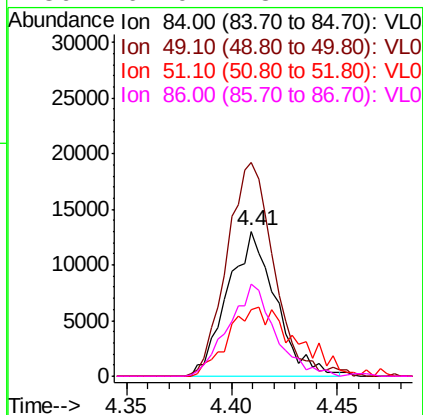
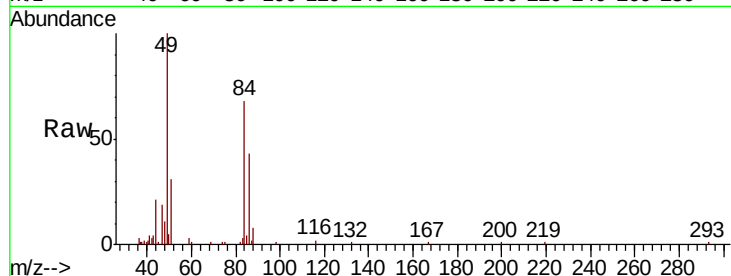
#20
Methylene Chloride
Concen: 0.466 ppbv
RT: 4.41 min Scan# 458
Delta R.T. 0.00 min
Lab File: VL033192.D
Acq: 13 Feb 2019 18:27

Instrument :
MSVOA_L
ClientSampleId :
FM-AADL

Tgt Ion	Ratio	Lower	Upper
84	100		
49	147.3	115.8	173.8
51	46.3	33.0	49.6
86	64.0	48.2	72.2

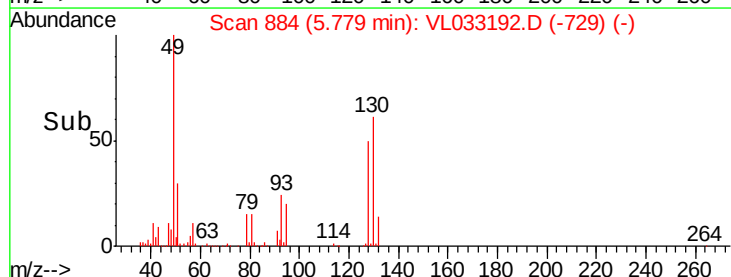
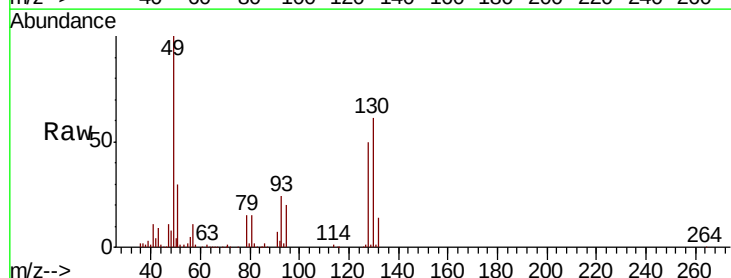
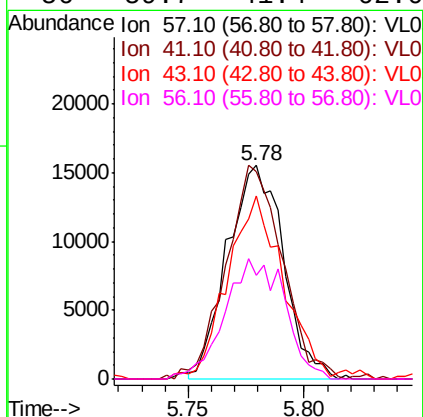
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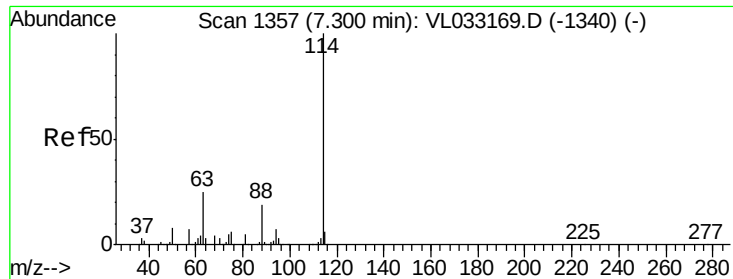
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#26
Hexane
Concen: 0.222 ppbv
RT: 5.78 min Scan# 884
Delta R.T. -0.00 min
Lab File: VL033192.D
Acq: 13 Feb 2019 18:27

Tgt Ion	Ratio	Lower	Upper
57	100		
41	101.0	69.4	104.2
43	87.3	176.7	265.1#
56	59.7	41.4	62.0





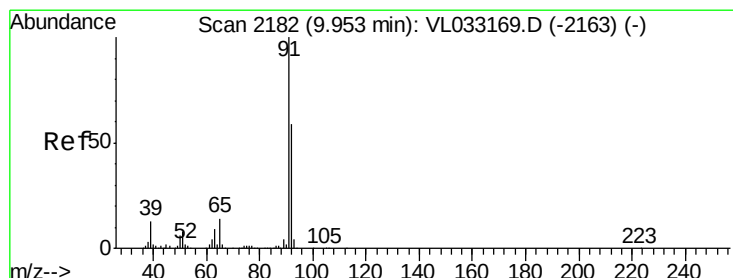
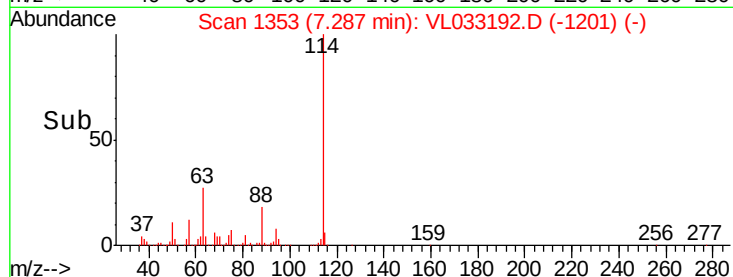
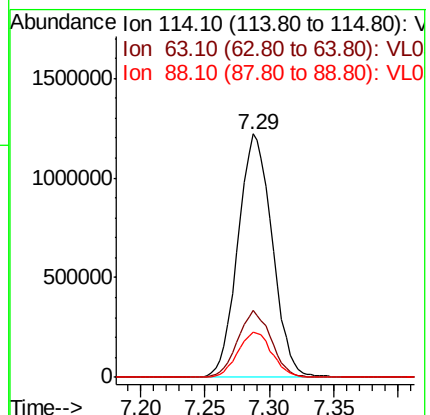
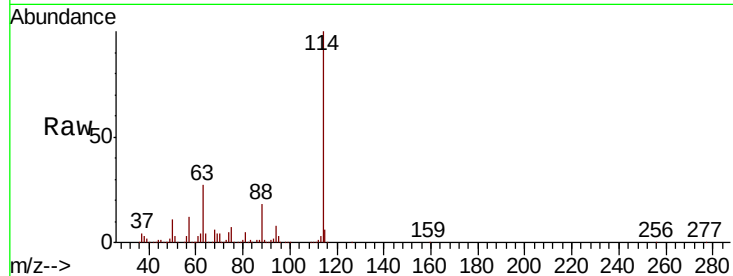
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.01 min
Lab File: VL033192.D
Acq: 13 Feb 2019 18:27

Instrument :
MSVOA_L
ClientSampleId :
FM-AADL

Tgt Ion: 114 Resp: 2259176
Ion Ratio Lower Upper
114 100
63 26.8 20.8 31.2
88 18.4 14.6 22.0

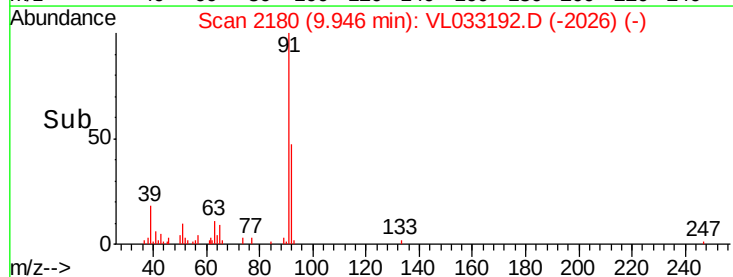
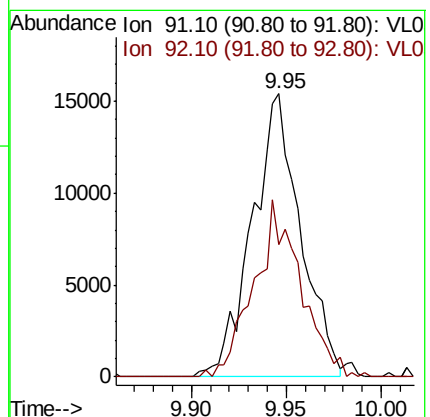
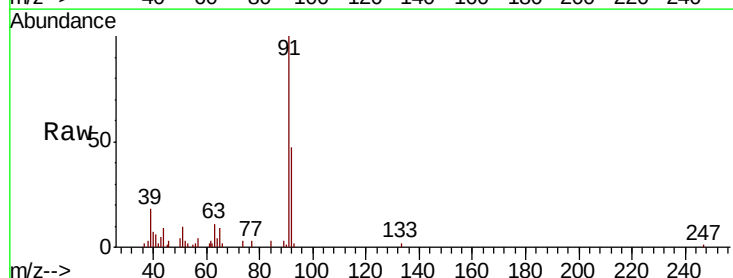
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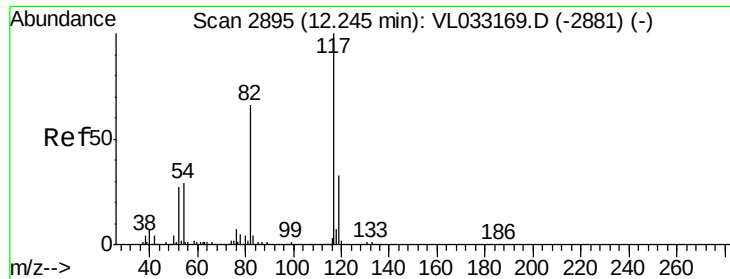
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#53
Toluene
Concen: 0.100 ppbv m
RT: 9.95 min Scan# 2180
Delta R.T. -0.01 min
Lab File: VL033192.D
Acq: 13 Feb 2019 18:27

Tgt Ion: 91 Resp: 27236
Ion Ratio Lower Upper
91 100
92 60.1 48.0 72.0





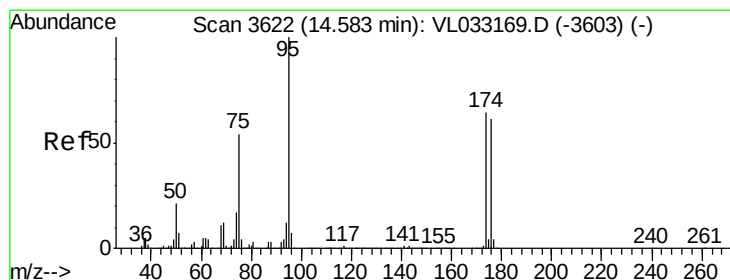
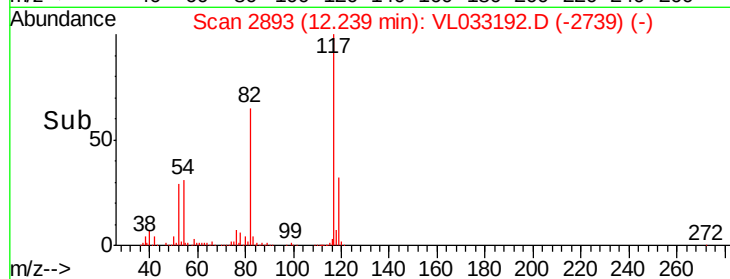
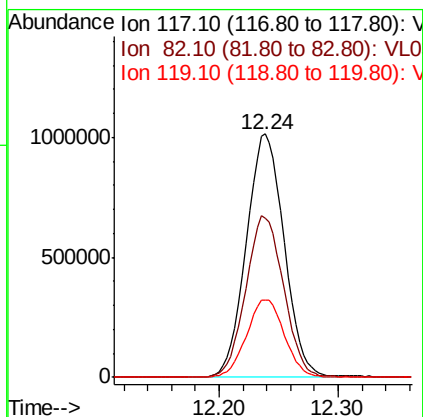
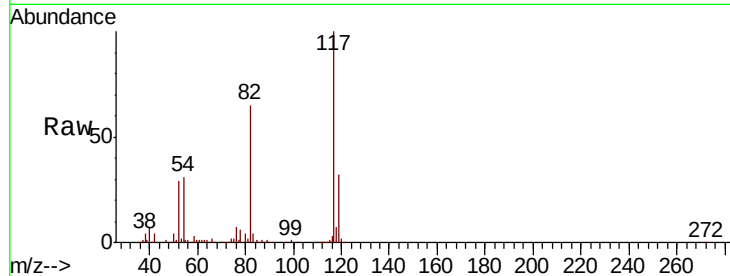
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2893
Delta R.T. -0.01 min
Lab File: VL033192.D
Acq: 13 Feb 2019 18:27

Instrument :
MSVOA_L
ClientSampled :
FM-AADL

Tgt Ion: 117 Resp: 2230078
Ion Ratio Lower Upper
117 100
82 66.9 53.8 80.8
119 32.1 46.9 70.3#

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.284 ppbv
RT: 14.58 min Scan# 3620
Delta R.T. -0.01 min
Lab File: VL033192.D
Acq: 13 Feb 2019 18:27

Tgt Ion: 95 Resp: 1787224
Ion Ratio Lower Upper
95 100
174 62.8 51.1 76.7
175 4.5 3.8 5.6

