

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120718\
 Data File : VL032944.D
 Acq On : 7 Dec 2018 21:11
 Operator : SY/AP
 Sample : J6262-07DL 10X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL

Manual Integrations
 APPROVED

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 12/11/2018 10:09:27 AM

Quant Time: Dec 08 03:58:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec 0
 QLast Update : Fri Dec 07 09:35:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	1284153	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	3225569	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	3055066	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2336667	10.35	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.50%

Target Compounds						Qvalue
9) Propene	3.05	41	13672	0.356	ppbv	83
13) Ethanol	3.67	45	27283m	2.061	ppbv	
15) Acetone	3.93	43	101759	0.923	ppbv #	83
20) Methylene Chloride	4.41	84	37710	0.700	ppbv	97
26) Hexane	5.78	57	78423	0.652	ppbv #	51
53) Toluene	9.95	91	175095	0.696	ppbv	99

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

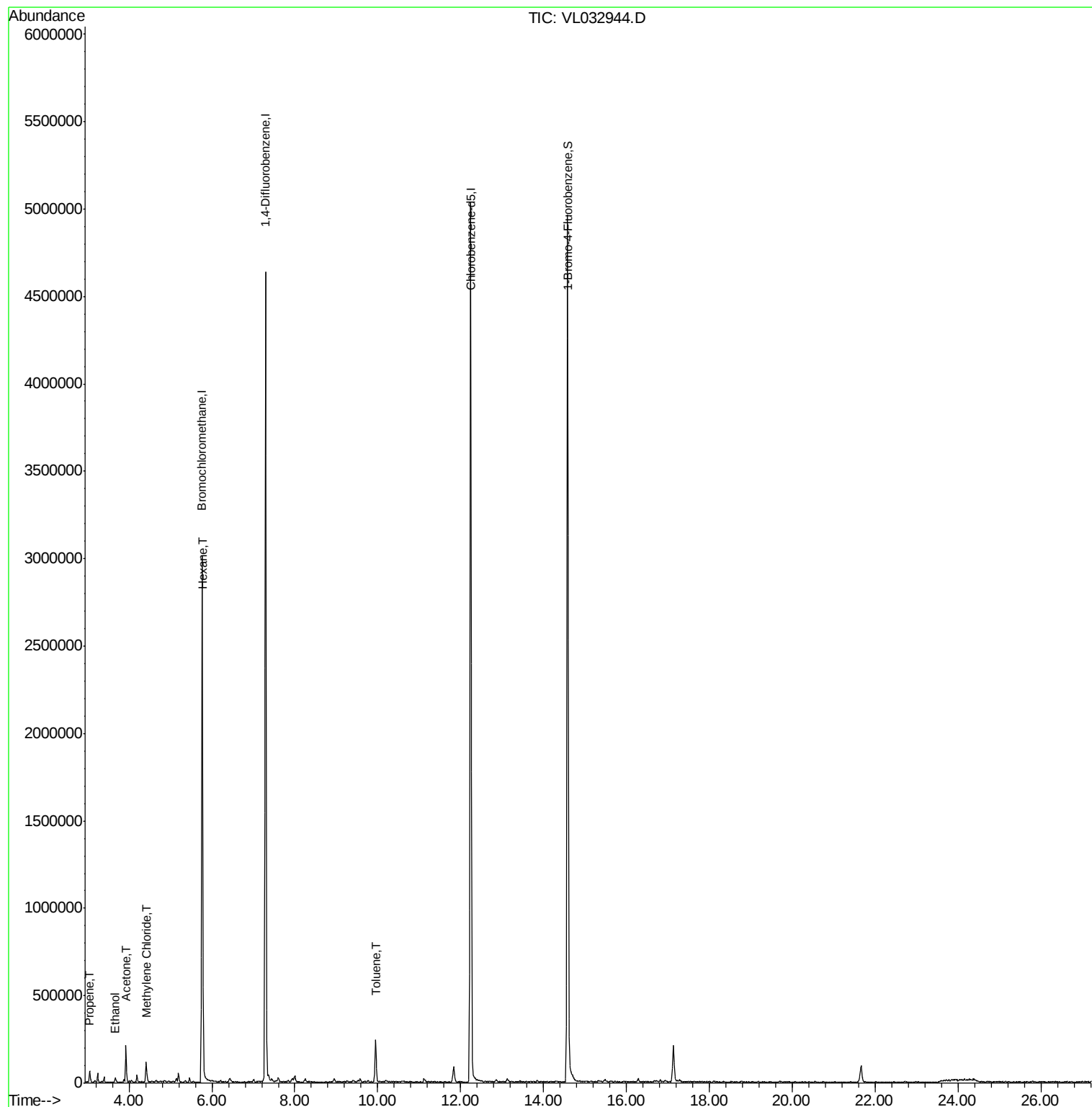
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120718\
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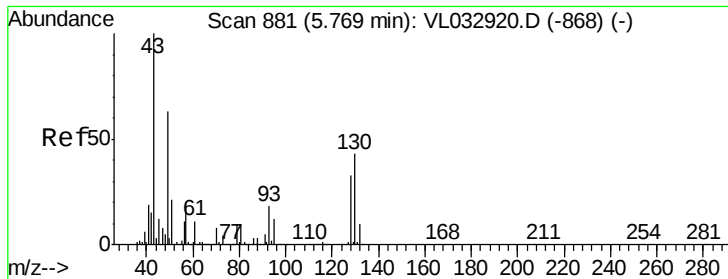
Instrument :
MSVOA_L
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QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 879

Delta R.T. -0.01 min

Lab File: VL032944.D

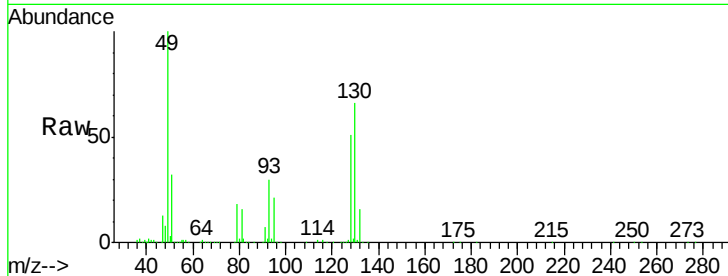
Acq: 7 Dec 2018 21:11

Instrument :

MSVOA_L

ClientSampled :

QA1DL



Tgt Ion: 49 Resp: 1284153

Ion Ratio Lower Upper

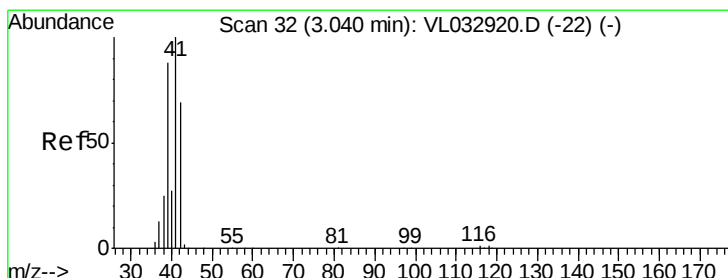
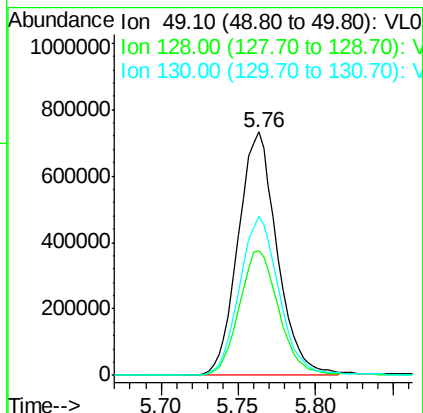
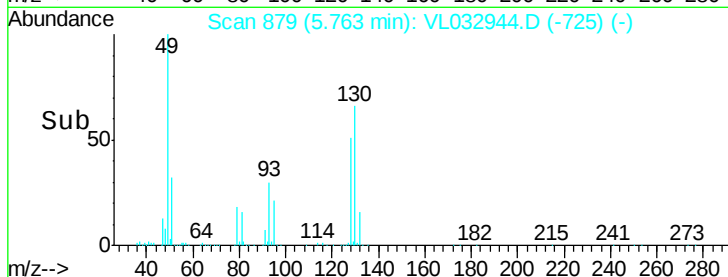
49 100

128 52.7 26.3 78.8

130 67.1 33.9 101.7

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#9

Propene

Concen: 0.356 ppbv

RT: 3.05 min Scan# 36

Delta R.T. 0.01 min

Lab File: VL032944.D

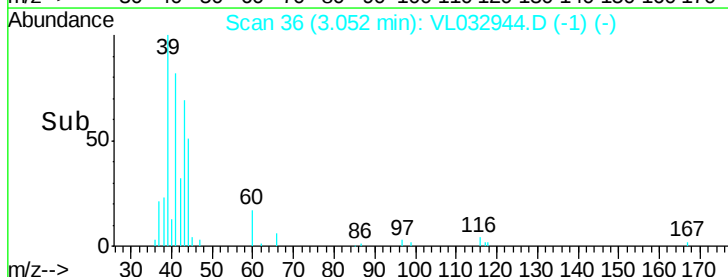
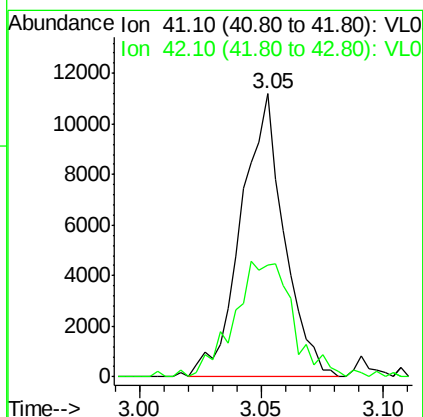
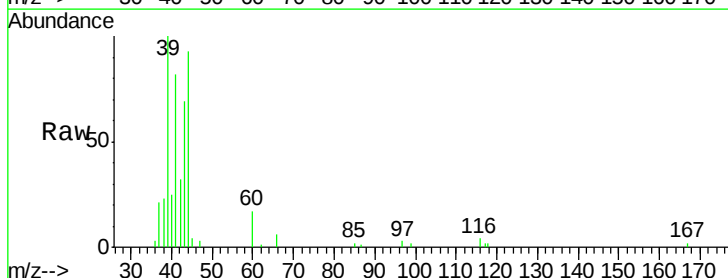
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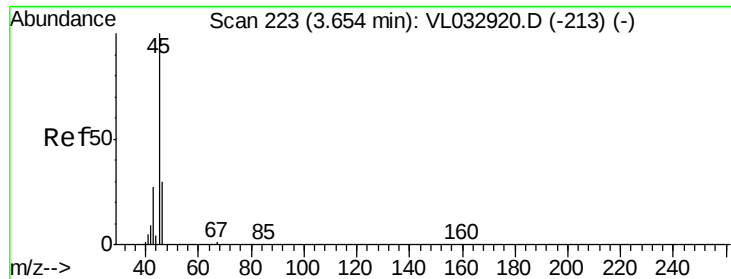
Tgt Ion: 41 Resp: 13672

Ion Ratio Lower Upper

41 100

42 56.3 56.2 84.2





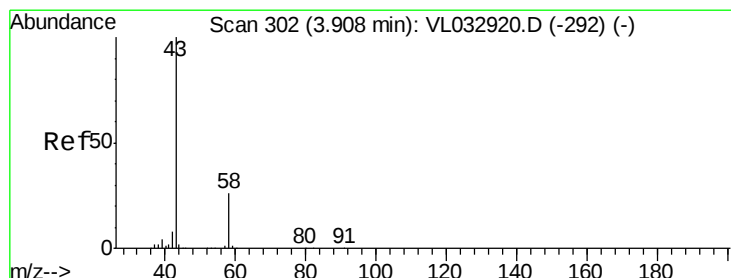
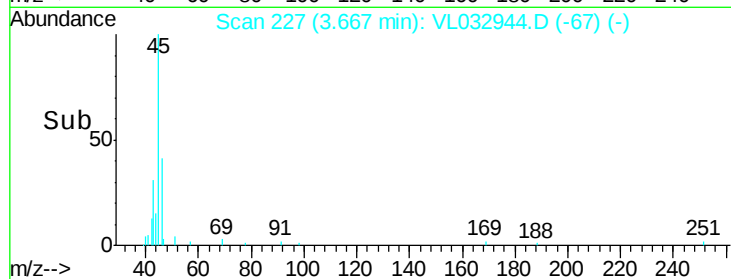
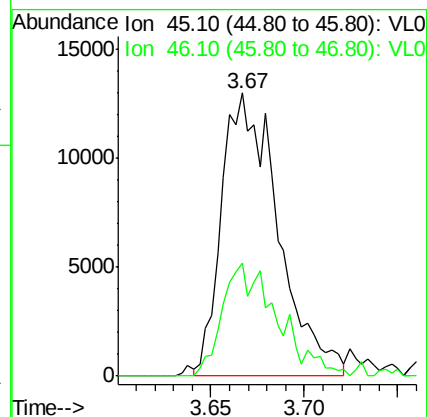
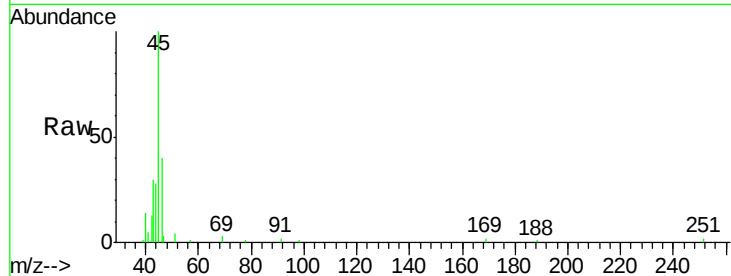
#13
Ethanol
Concen: 2.061 ppbv m
RT: 3.67 min Scan# 227
Delta R.T. 0.01 min
Lab File: VL032944.D
Acq: 7 Dec 2018 21:11

Instrument :
MSVOA_L
ClientSampled :
QA1DL

Tgt Ion: 45 Resp: 27283
Ion Ratio Lower Upper
45 100
46 0.0 13.8 55.4#

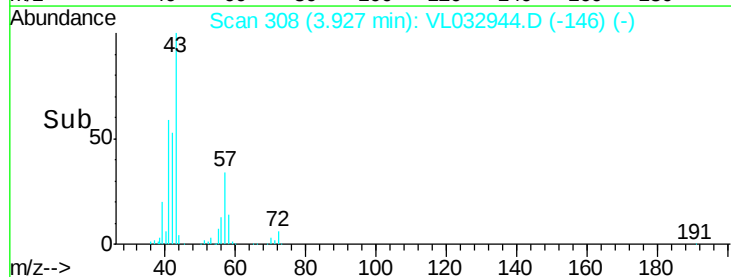
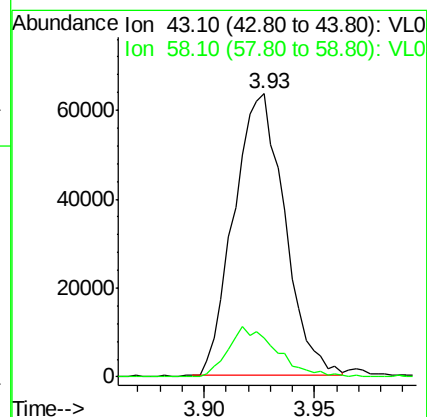
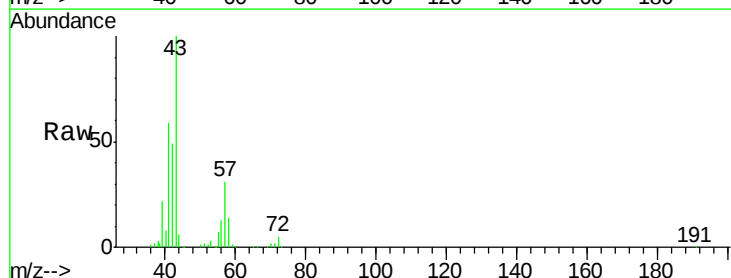
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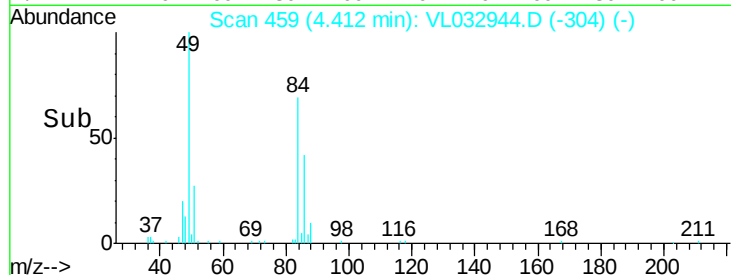
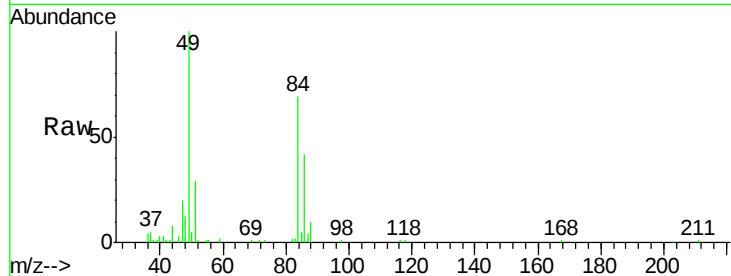
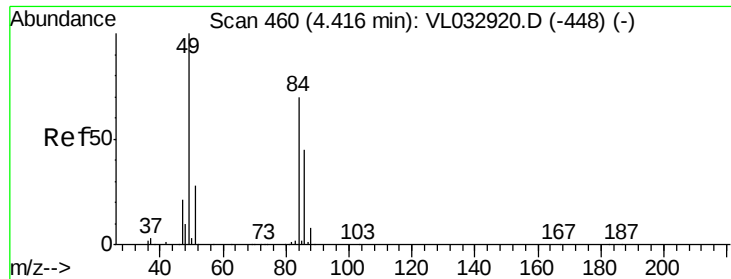
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#15
Acetone
Concen: 0.923 ppbv
RT: 3.93 min Scan# 308
Delta R.T. 0.02 min
Lab File: VL032944.D
Acq: 7 Dec 2018 21:11

Tgt Ion: 43 Resp: 101759
Ion Ratio Lower Upper
43 100
58 17.0 20.6 30.8#





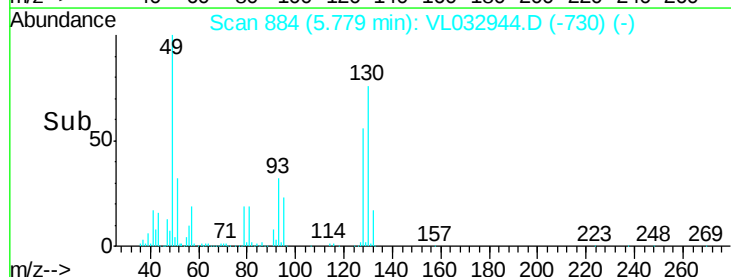
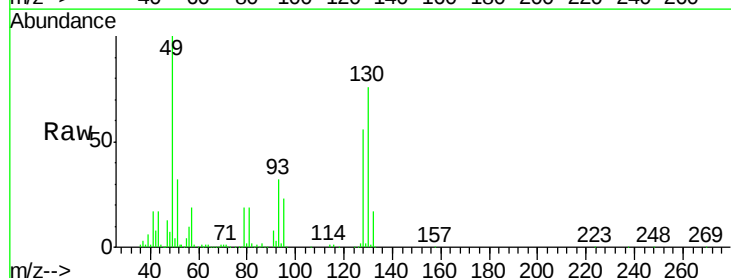
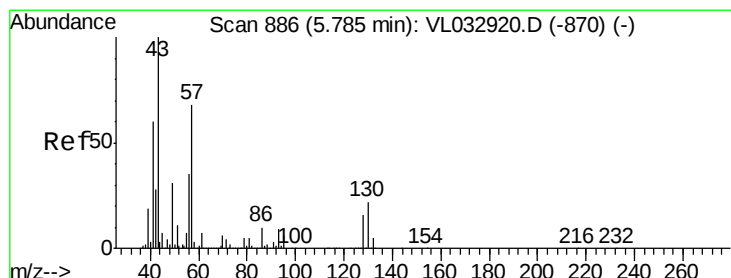
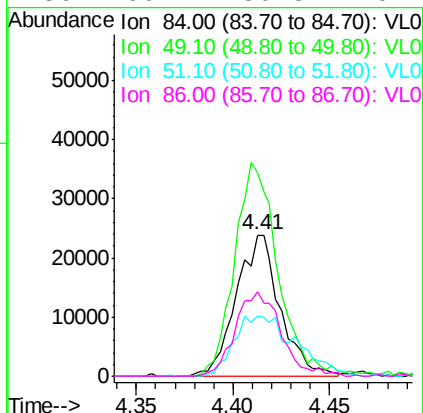
#20
Methylene Chloride
Concen: 0.700 ppbv
RT: 4.41 min Scan# 459
Delta R.T. -0.00 min
Lab File: VL032944.D
Acq: 7 Dec 2018 21:11

Tgt Ion:	84	Resp:	37710
Ion	Ratio	Lower	Upper
84	100		
49	144.6	113.8	170.8
51	42.4	31.8	47.8
86	60.1	50.8	76.2

Instrument :
MSVOA_L
ClientSampleId :
QA1DL

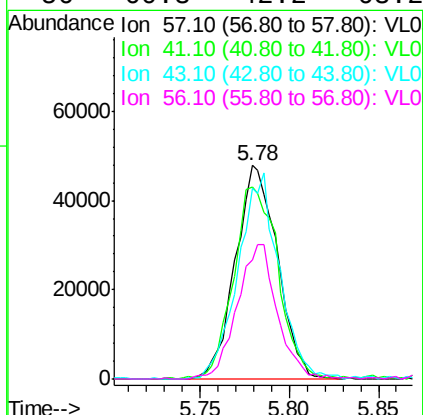
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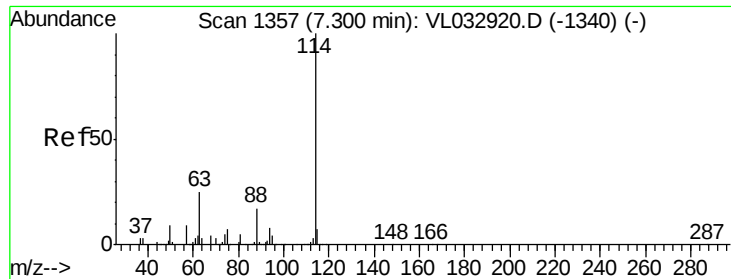
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#26
Hexane
Concen: 0.652 ppbv
RT: 5.78 min Scan# 884
Delta R.T. -0.01 min
Lab File: VL032944.D
Acq: 7 Dec 2018 21:11

Tgt Ion:	57	Resp:	78423
Ion	Ratio	Lower	Upper
57	100		
41	96.7	72.2	108.2
43	94.9	171.9	257.9#
56	60.3	42.2	63.2





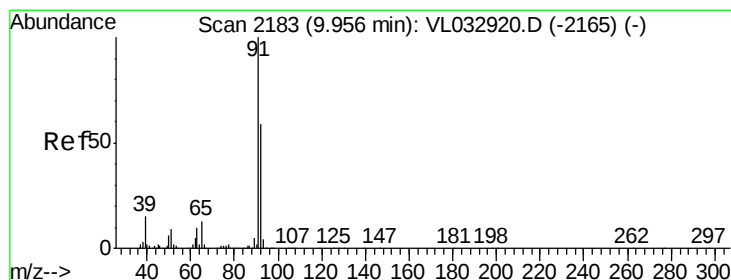
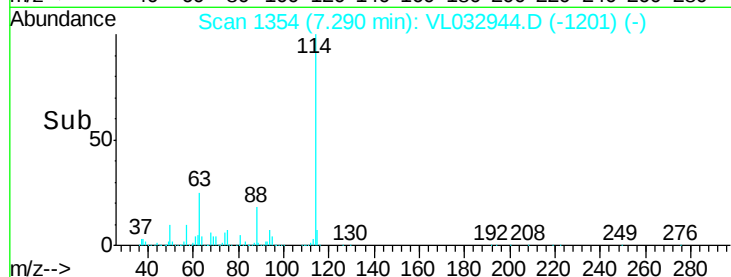
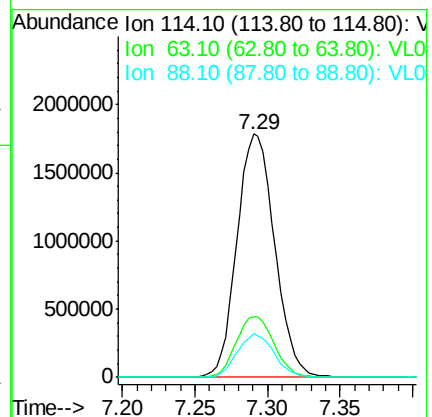
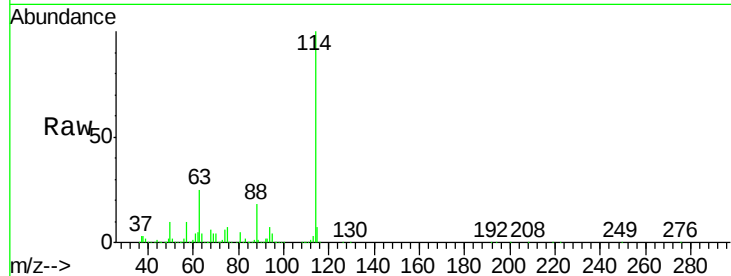
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: VL032944.D
 Acq: 7 Dec 2018 21:11

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL

Tgt Ion: 114 Resp: 3225569
 Ion Ratio Lower Upper
 114 100
 63 25.3 20.1 30.1
 88 17.6 14.2 21.4

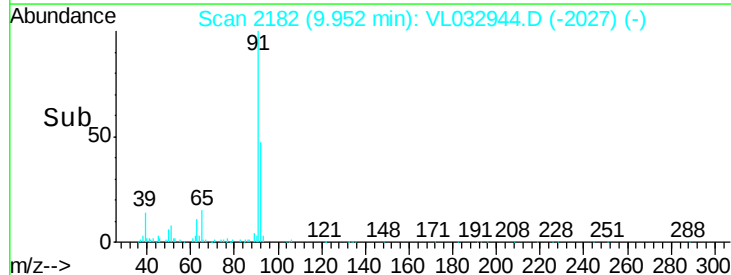
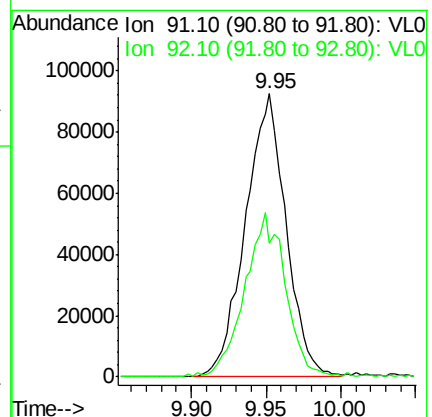
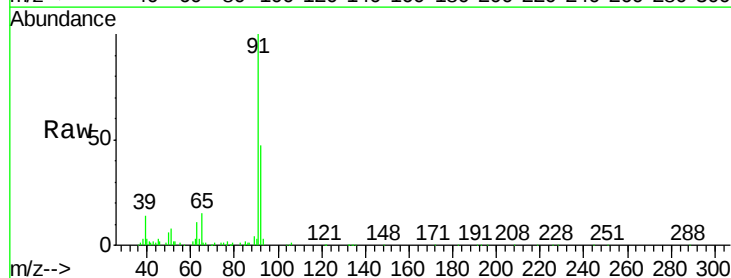
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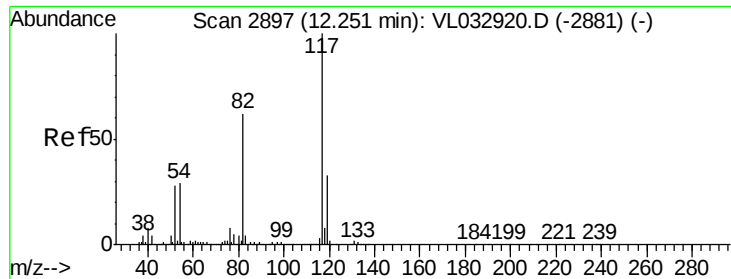
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#53
 Toluene
 Concen: 0.696 ppbv
 RT: 9.95 min Scan# 2182
 Delta R.T. -0.00 min
 Lab File: VL032944.D
 Acq: 7 Dec 2018 21:11

Tgt Ion: 91 Resp: 175095
 Ion Ratio Lower Upper
 91 100
 92 58.6 47.4 71.0





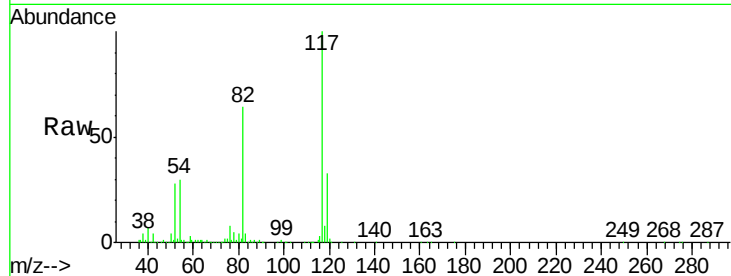
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2893
Delta R.T. -0.01 min
Lab File: VL032944.D
Acq: 7 Dec 2018 21:11

Instrument :
MSVOA_L
ClientSampled :
QA1DL

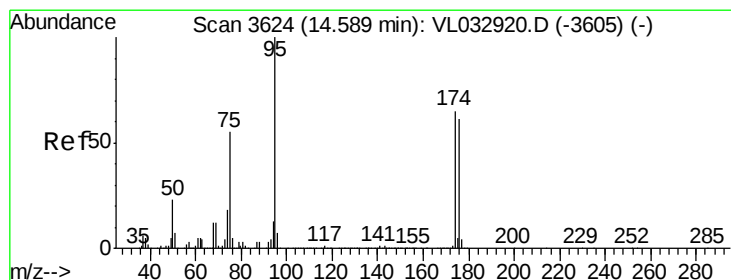
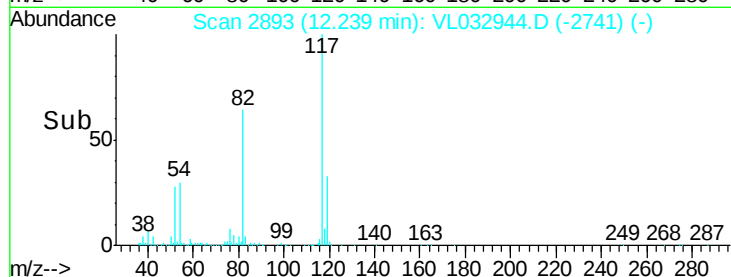
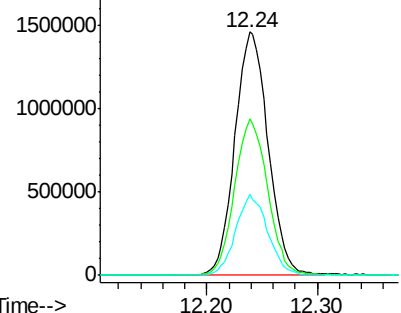
Tgt Ion: 117 Resp: 3055066
Ion Ratio Lower Upper
117 100
82 64.5 47.8 71.8
119 32.3 43.1 64.7#

Manual Integrations
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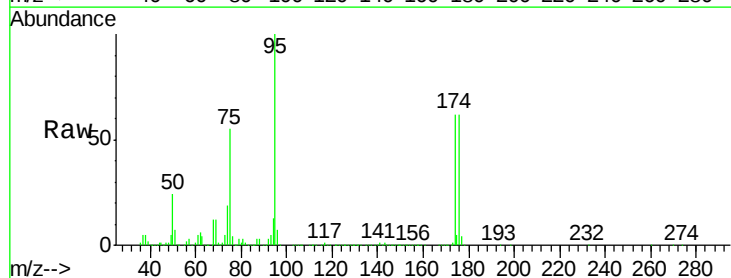


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.353 ppbv
RT: 14.58 min Scan# 3620
Delta R.T. -0.01 min
Lab File: VL032944.D
Acq: 7 Dec 2018 21:11

Tgt Ion: 95 Resp: 2336667
Ion Ratio Lower Upper
95 100
174 64.8 51.4 77.0
175 4.9 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

