

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121718\
 Data File : VL033003.D
 Acq On : 17 Dec 2018 19:53
 Operator : SY/AP
 Sample : J6382-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 P0068-IA002-181212-01DL

Manual Integrations
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Quant Time: Dec 19 15:24:47 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	5.77	49	1271472	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3077689	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3348901	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.59	95	2449570	9.90	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.05	41	30878m	0.811	ppbv	
13) Ethanol	3.65	45	327117	24.952	ppbv	96
15) Acetone	3.91	43	160785m	1.473	ppbv	
22) trans-1,2-Dichloroethene	4.97	96	13352	0.201	ppbv #	76
26) Hexane	5.78	57	129772	1.090	ppbv #	45
36) Benzene	7.01	78	104778	0.463	ppbv	99
44) 2,2,4-Trimethylpentane	7.99	57	208009	0.541	ppbv #	89
53) Toluene	9.95	91	885223	3.687	ppbv	100
59) m/p-Xylene	13.13	91	244696	0.755	ppbv #	100

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

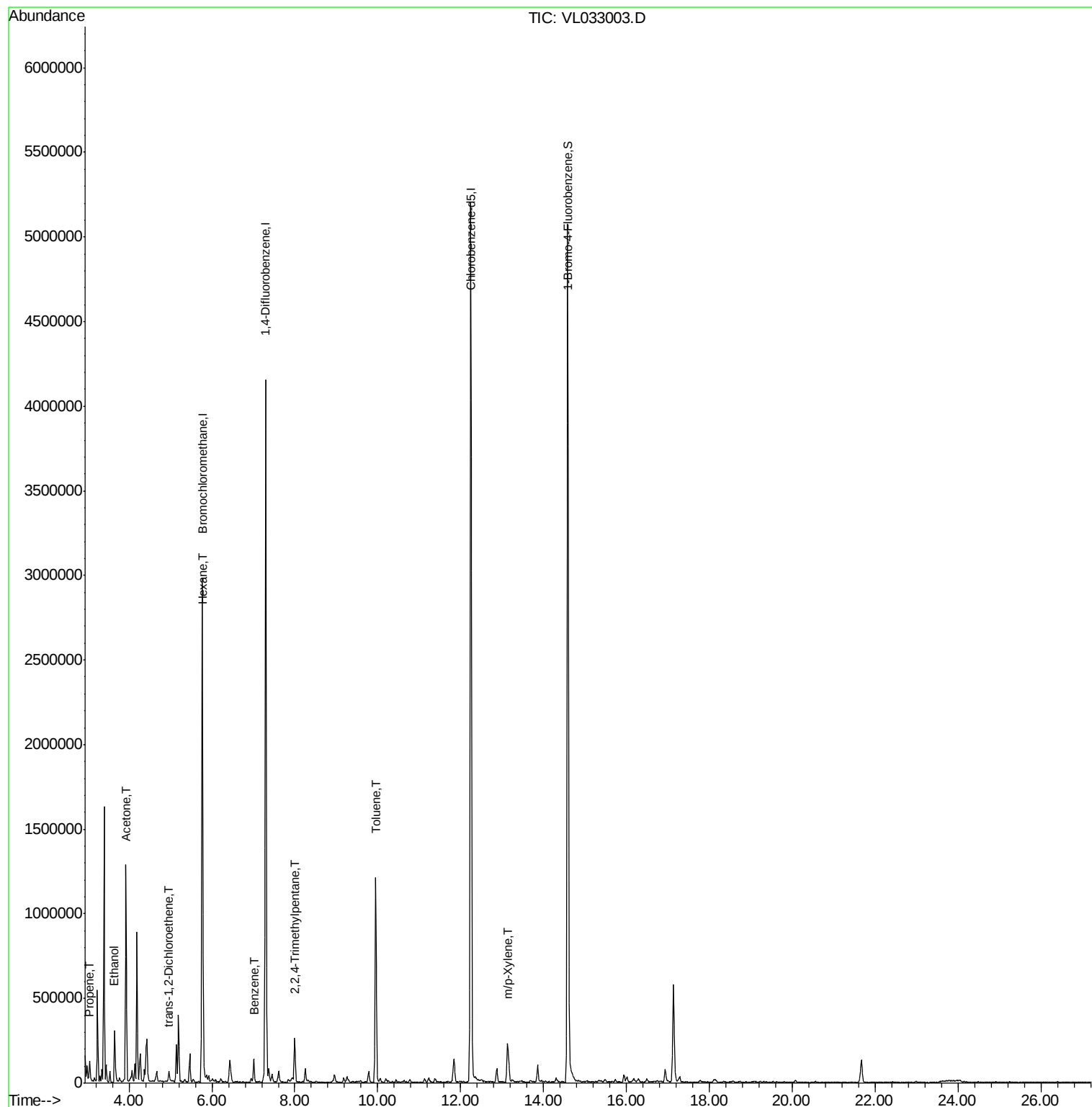
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL121718\
Data File : VL033003.D
Acq On : 17 Dec 2018 19:53
Operator : SY/AP
Sample : J6382-02DL 10X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

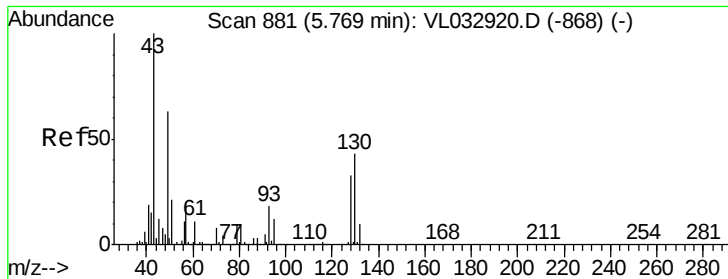
Instrument :
MSVOA_L
ClientSampleId :
P0068-IA002-181212-01DL

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Quant Time: Dec 19 15:24:47 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec
QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 880

Delta R.T. -0.00 min

Lab File: VL033003.D

Acq: 17 Dec 2018 19:53

Instrument :

MSVOA_L

ClientSampleId :

P0068-IA002-181212-01DL

Tot Ion: 49 Resp: 1271472

Ion Ratio Lower Upper

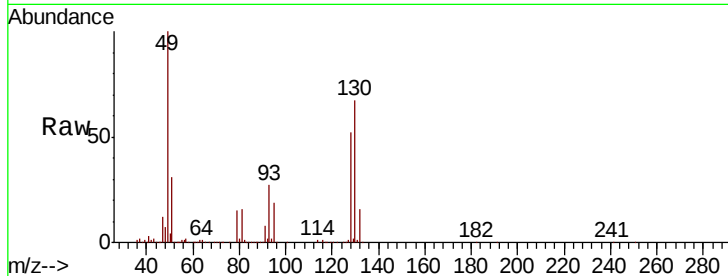
49 100

128 53.0 26.3 78.8

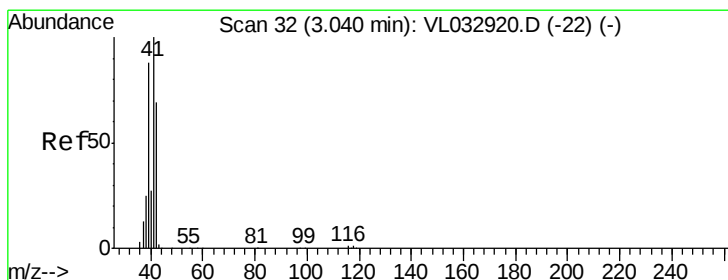
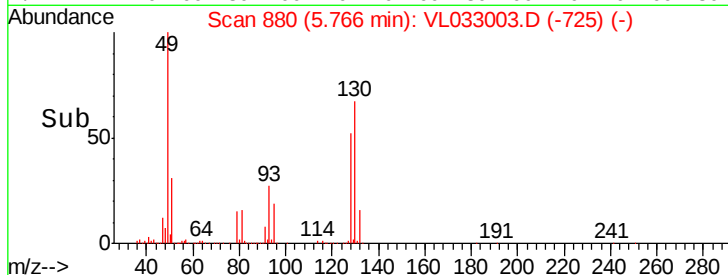
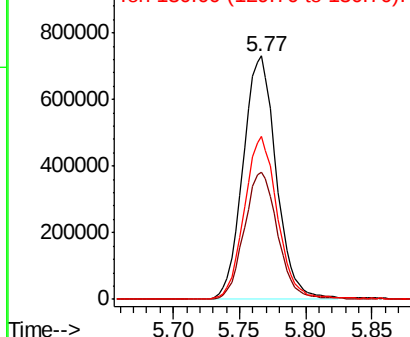
130 67.5 33.9 101.7

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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



#9

Propene

Concen: 0.811 ppbv m

RT: 3.05 min Scan# 35

Delta R.T. 0.01 min

Lab File: VL033003.D

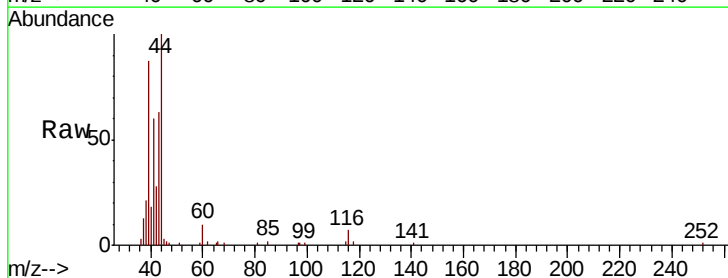
Acq: 17 Dec 2018 19:53

Tgt Ion: 41 Resp: 30878

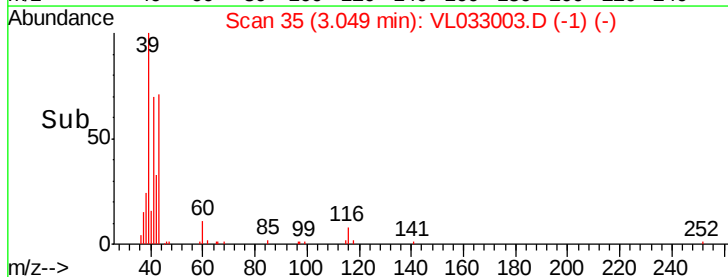
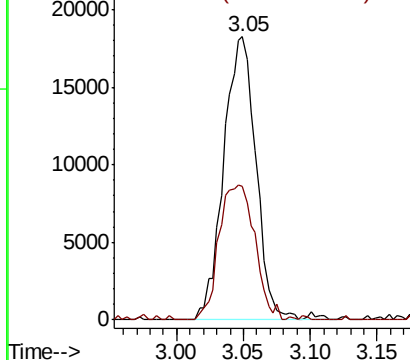
Ion Ratio Lower Upper

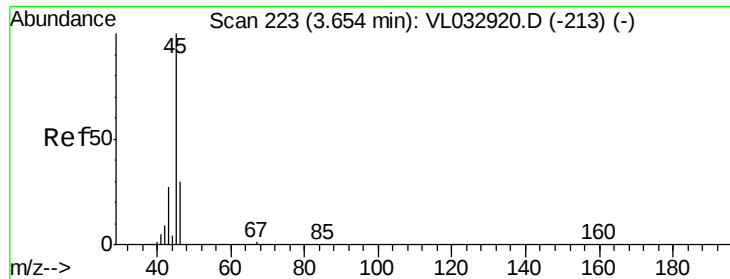
41 100

42 307.2 56.2 84.2#



Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 42.10 (41.80 to 42.80): VL0





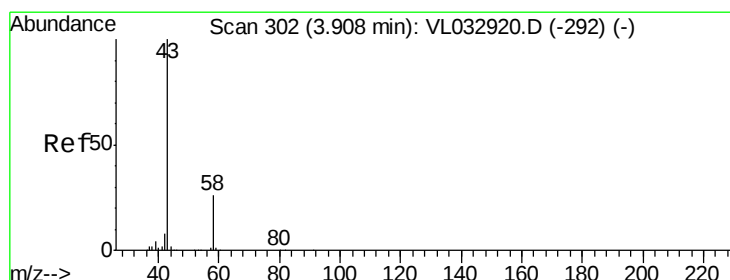
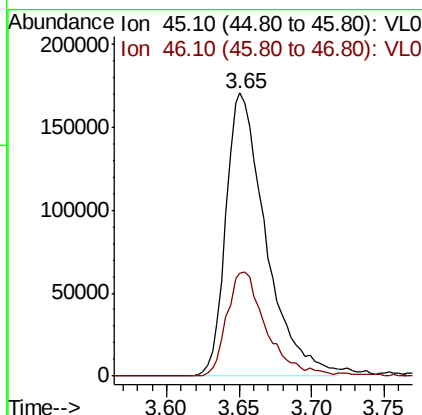
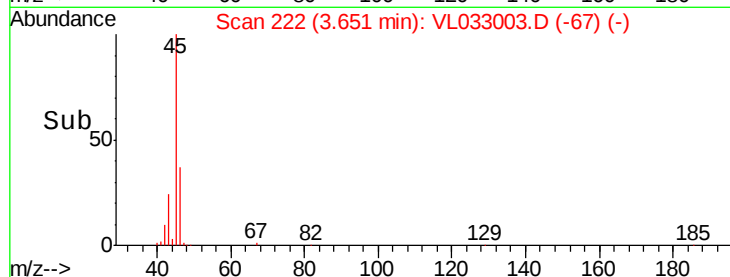
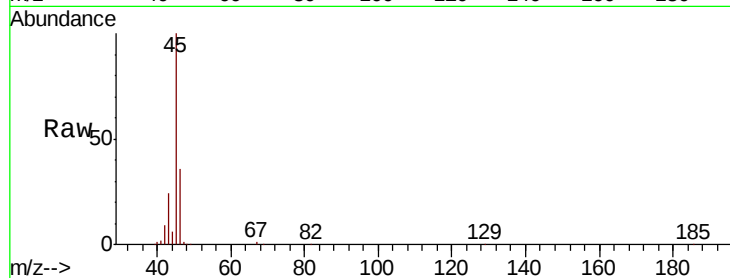
#13
Ethanol
Concen: 24.952 ppbv
RT: 3.65 min Scan# 222
Delta R.T. -0.00 min
Lab File: VL033003.D
Acq: 17 Dec 2018 19:53

Instrument :
MSVOA_L
ClientSampleId :
P0068-IA002-181212-01DL

Tot Ion: 45 Resp: 327117
Ion Ratio Lower Upper
45 100
46 37.0 13.8 55.4

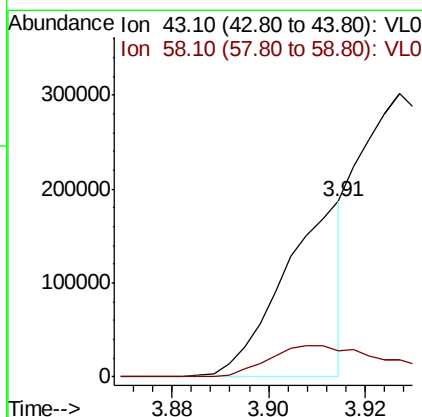
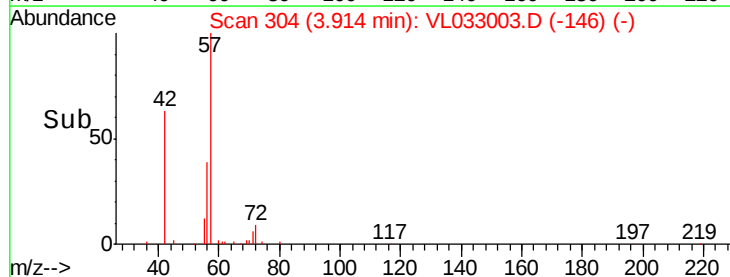
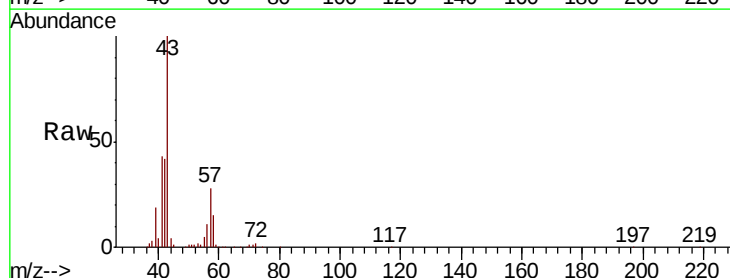
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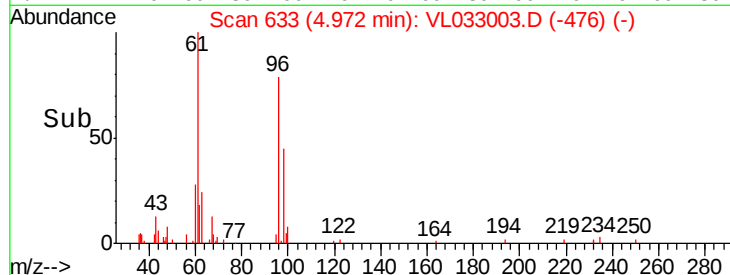
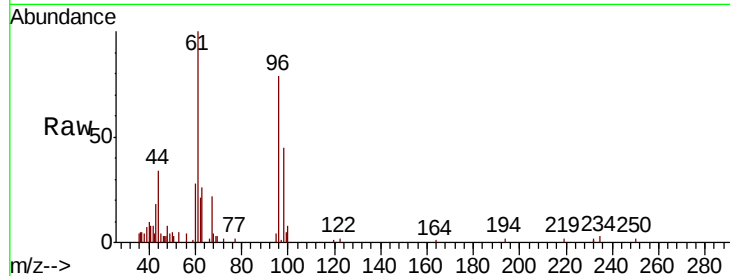
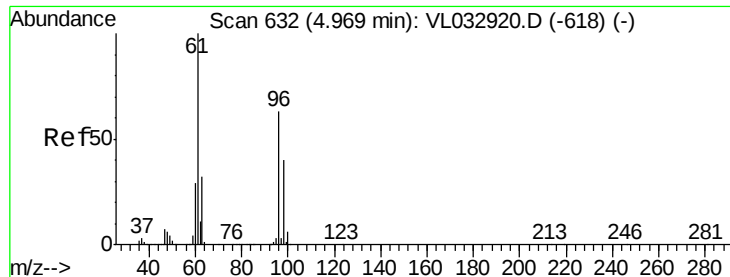
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#15
Acetone
Concen: 1.473 ppbv m
RT: 3.91 min Scan# 304
Delta R.T. 0.01 min
Lab File: VL033003.D
Acq: 17 Dec 2018 19:53

Tgt Ion: 43 Resp: 160785
Ion Ratio Lower Upper
43 100
58 37.4 20.6 30.8#





#22

trans-1,2-Dichloroethene

Concen: 0.201 ppbv

RT: 4.97 min Scan# 633

Delta R.T. 0.00 min

Lab File: VL033003.D

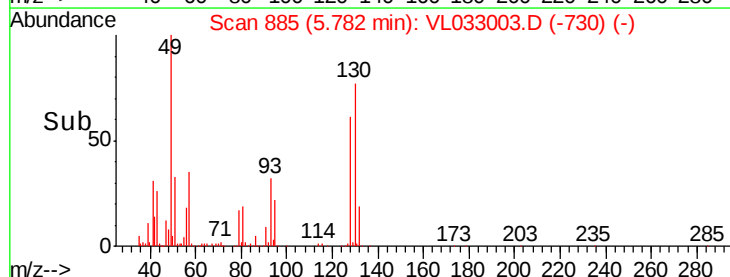
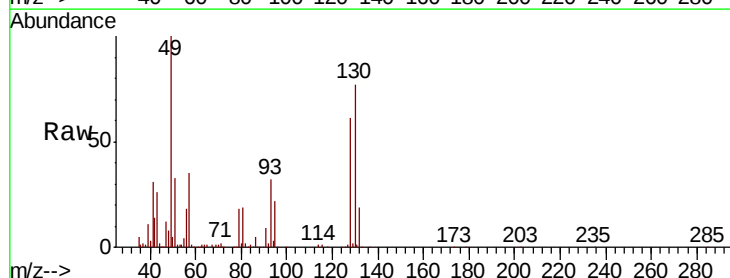
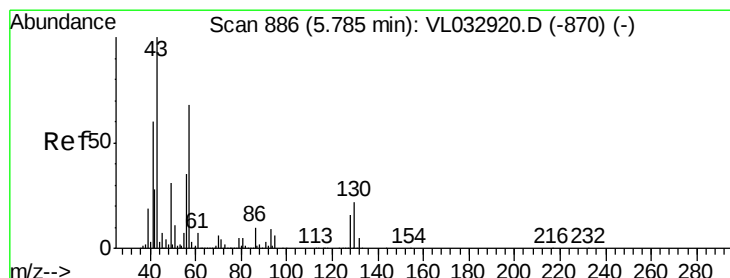
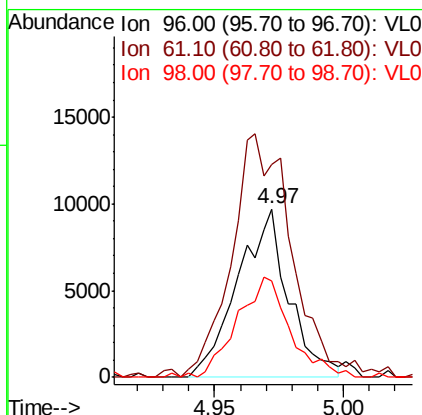
Acq: 17 Dec 2018 19:53

Tot Ion:	96	Resp:	13352
Ion Ratio	Lower	Upper	
96	100		
61	121.5	127.1	190.7#
98	54.5	51.3	76.9

Instrument :
MSVOA_L
ClientSampleId :
P0068-IA002-181212-01DL

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#26

Hexane

Concen: 1.090 ppbv

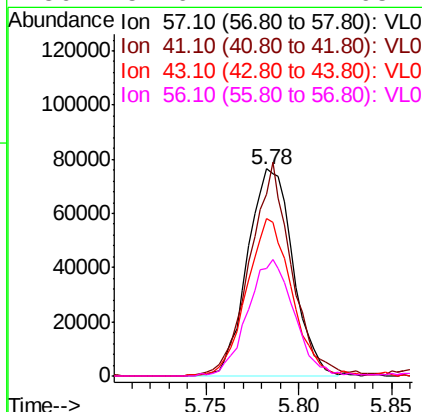
RT: 5.78 min Scan# 885

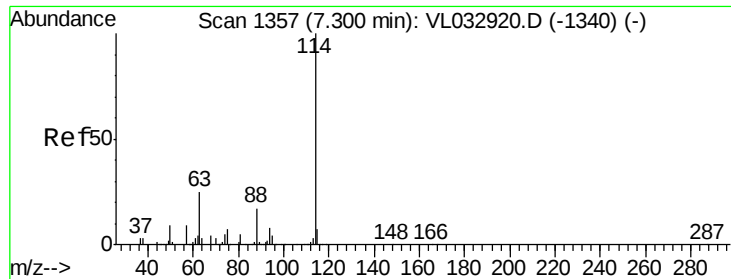
Delta R.T. -0.00 min

Lab File: VL033003.D

Acq: 17 Dec 2018 19:53

Tgt Ion:	57	Resp:	129772
Ion Ratio	Lower	Upper	
57	100		
41	95.4	72.2	108.2
43	76.3	171.9	257.9#
56	57.6	42.2	63.2





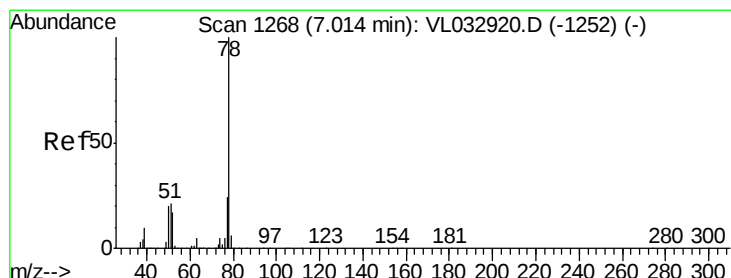
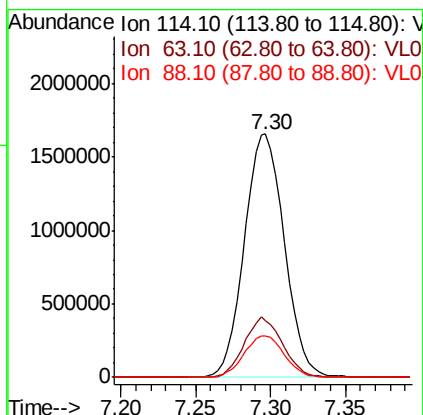
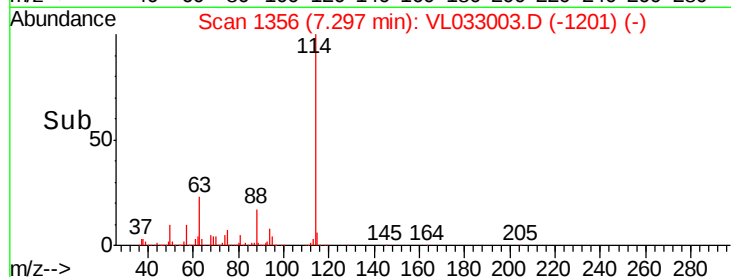
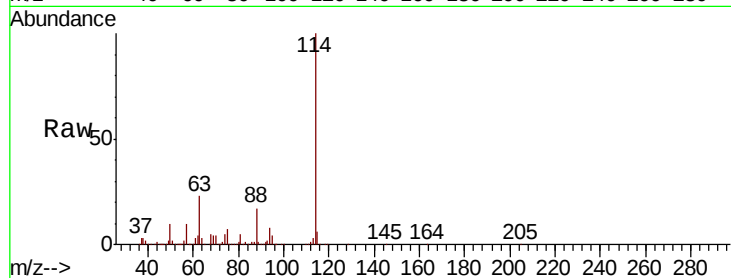
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.30 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VL033003.D
 Acq: 17 Dec 2018 19:53

Instrument :
 MSVOA_L
 ClientSampleId :
 P0068-IA002-181212-01DL

Tot Ion:114 Resp: 3077689
 Ion Ratio Lower Upper
 114 100
 63 24.0 20.1 30.1
 88 17.2 14.2 21.4

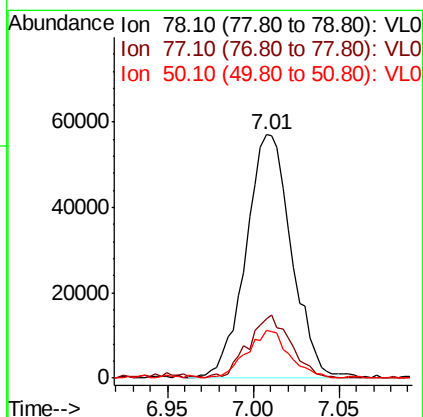
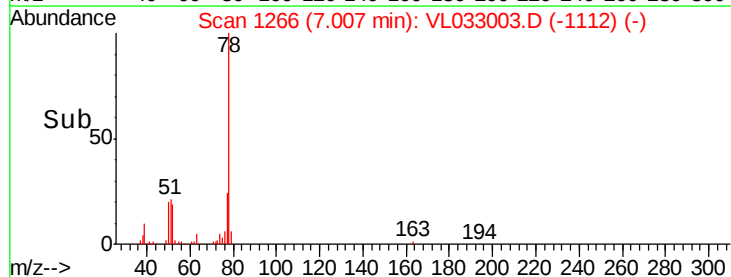
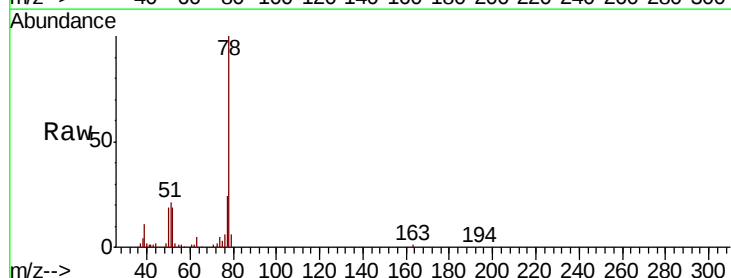
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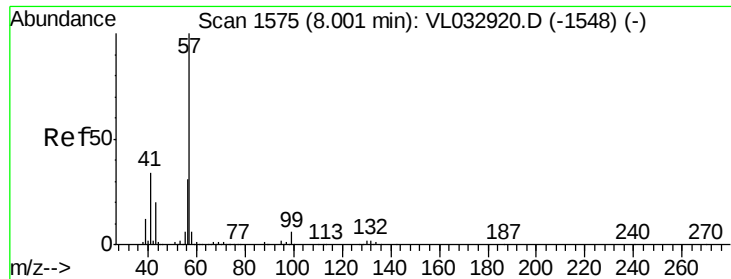
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#36
 Benzene
 Concen: 0.463 ppbv
 RT: 7.01 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: VL033003.D
 Acq: 17 Dec 2018 19:53

Tgt Ion: 78 Resp: 104778
 Ion Ratio Lower Upper
 78 100
 77 24.3 18.9 28.3
 50 19.5 16.1 24.1





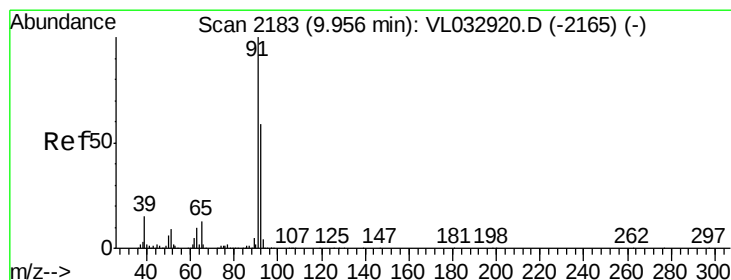
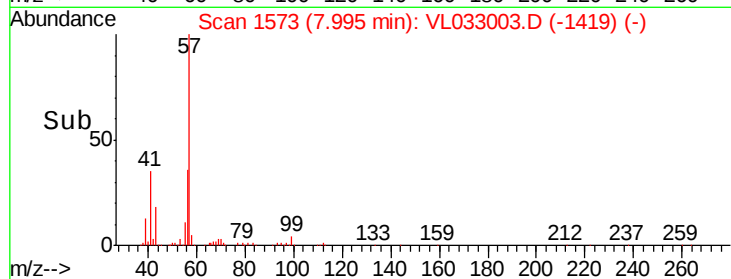
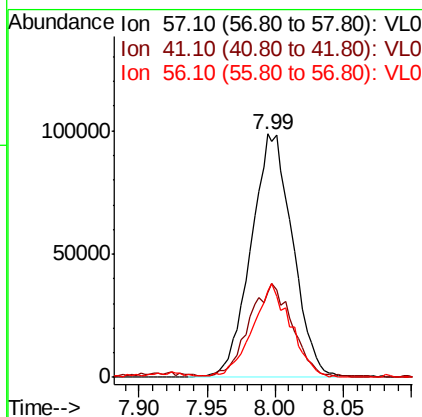
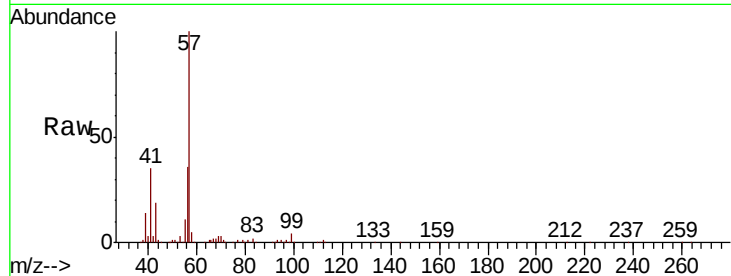
#44
 2,2,4-Trimethylpentane
 Concen: 0.541 ppbv
 RT: 7.99 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: VL033003.D
 Acq: 17 Dec 2018 19:53

Instrument :
 MSVOA_L
 ClientSampleID :
 P0068-IA002-181212-01DL

Tot Ion	Ratio	Lower	Upper
57	100		
41	40.9	27.0	40.4#
56	36.2	24.6	37.0

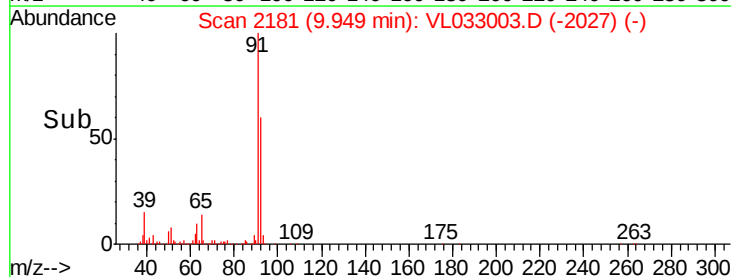
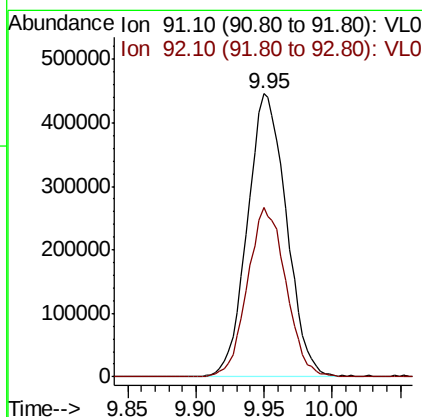
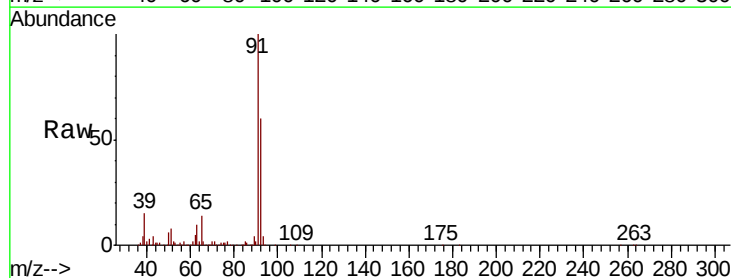
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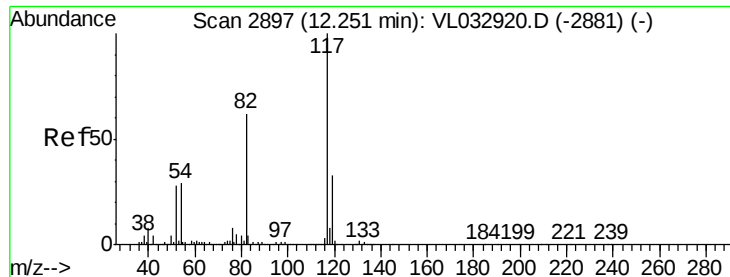
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#53
 Toluene
 Concen: 3.687 ppbv
 RT: 9.95 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: VL033003.D
 Acq: 17 Dec 2018 19:53

Tgt Ion	Ratio	Lower	Upper
91	100		
92	59.1	47.4	71.0





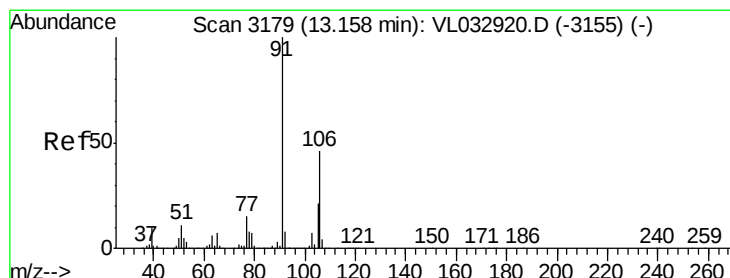
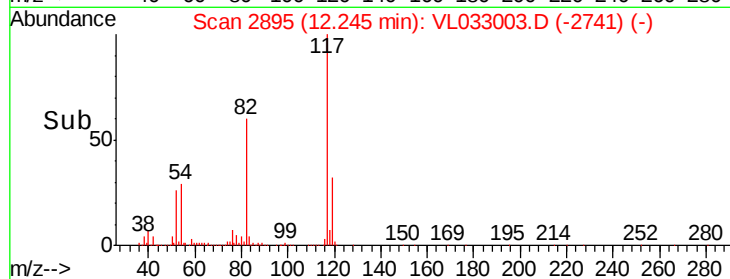
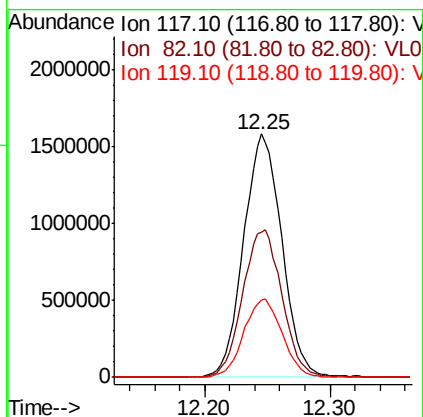
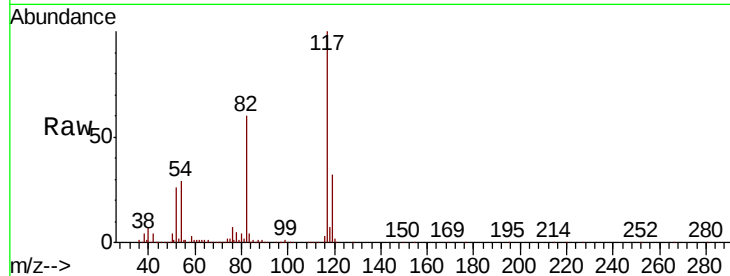
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2895
Delta R.T. -0.01 min
Lab File: VL033003.D
Acq: 17 Dec 2018 19:53

Instrument :
MSVOA_L
ClientSampleId :
P0068-IA002-181212-01DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	63.1	47.8	71.8
119	32.4	43.1	64.7#

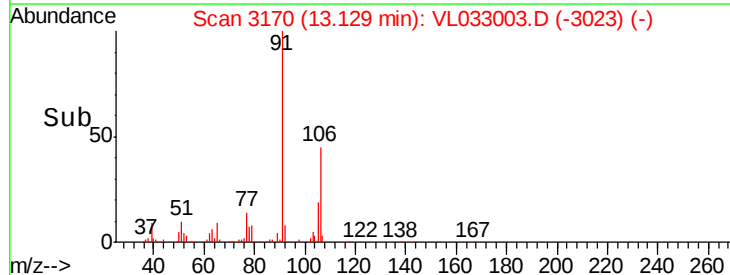
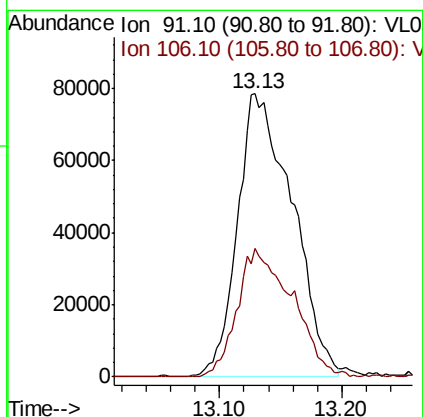
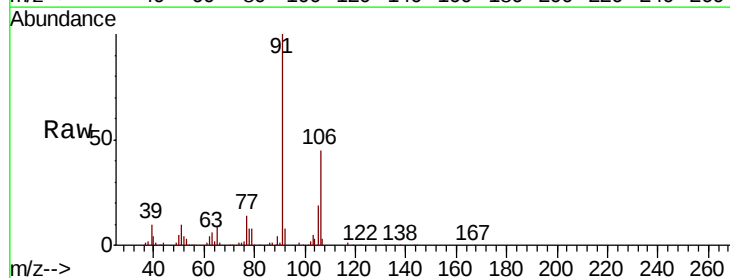
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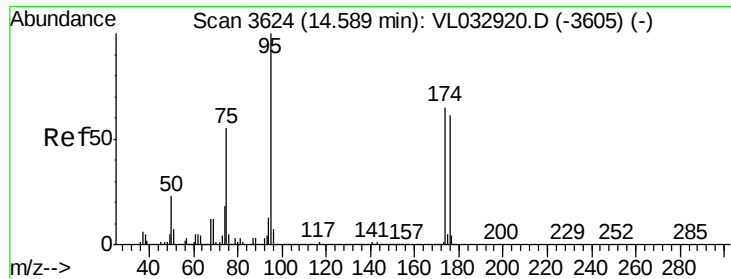
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#59
m/p-Xylene
Concen: 0.755 ppbv
RT: 13.13 min Scan# 3170
Delta R.T. -0.03 min
Lab File: VL033003.D
Acq: 17 Dec 2018 19:53

Tgt Ion	Ratio	Lower	Upper
91	100		
106	45.8	0.0	0.0#





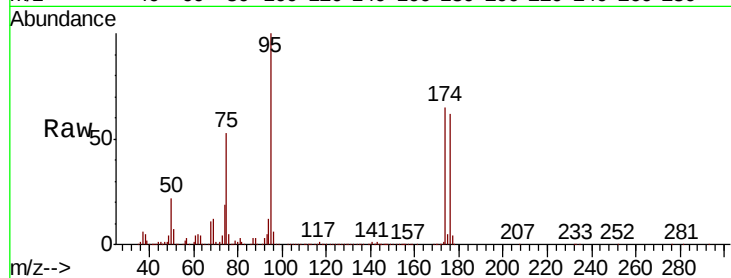
#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.901 ppbv
 RT: 14.59 min Scan# 3623
 Delta R.T. -0.00 min
 Lab File: VL033003.D
 Acq: 17 Dec 2018 19:53

Instrument :
 MSVOA_L
 ClientSampleId :
 P0068-IA002-181212-01DL

Tot Ion: 95 Resp: 2449570
 Ion Ratio Lower Upper
 95 100
 174 66.8 51.4 77.0
 175 4.9 3.8 5.6

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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

