

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL103018\
 Data File : VL032703.D
 Acq On : 30 Oct 2018 18:06
 Operator : SY/AP
 Sample : J5702-01DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 FIA-1DDL

Manual Integrations
 APPROVED

MMDadoda
 10/31/2018 10:40:02 AM

Quant Time: Oct 31 05:43:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL101818AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct 25 05:43:18 2018
 QLast Update : Thu Oct 25 05:15:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1372578	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3333269	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3340988	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.59	95	2535034	10.19	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	3.02	51	1174679	10.943	ppbv	99
9) Propene	3.06	41	299121m	6.771	ppbv	
13) Ethanol	3.67	45	42274	3.348	ppbv	95
15) Acetone	3.90	43	4101202	32.357	ppbv	99
19) Isopropyl Alcohol	4.04	45	440370	4.879	ppbv #	93
20) Methylene Chloride	4.43	84	20715m	0.322	ppbv	
25) Ethyl Acetate	5.79	43	43281	0.148	ppbv #	94
53) Toluene	9.96	91	40763m	0.131	ppbv	

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

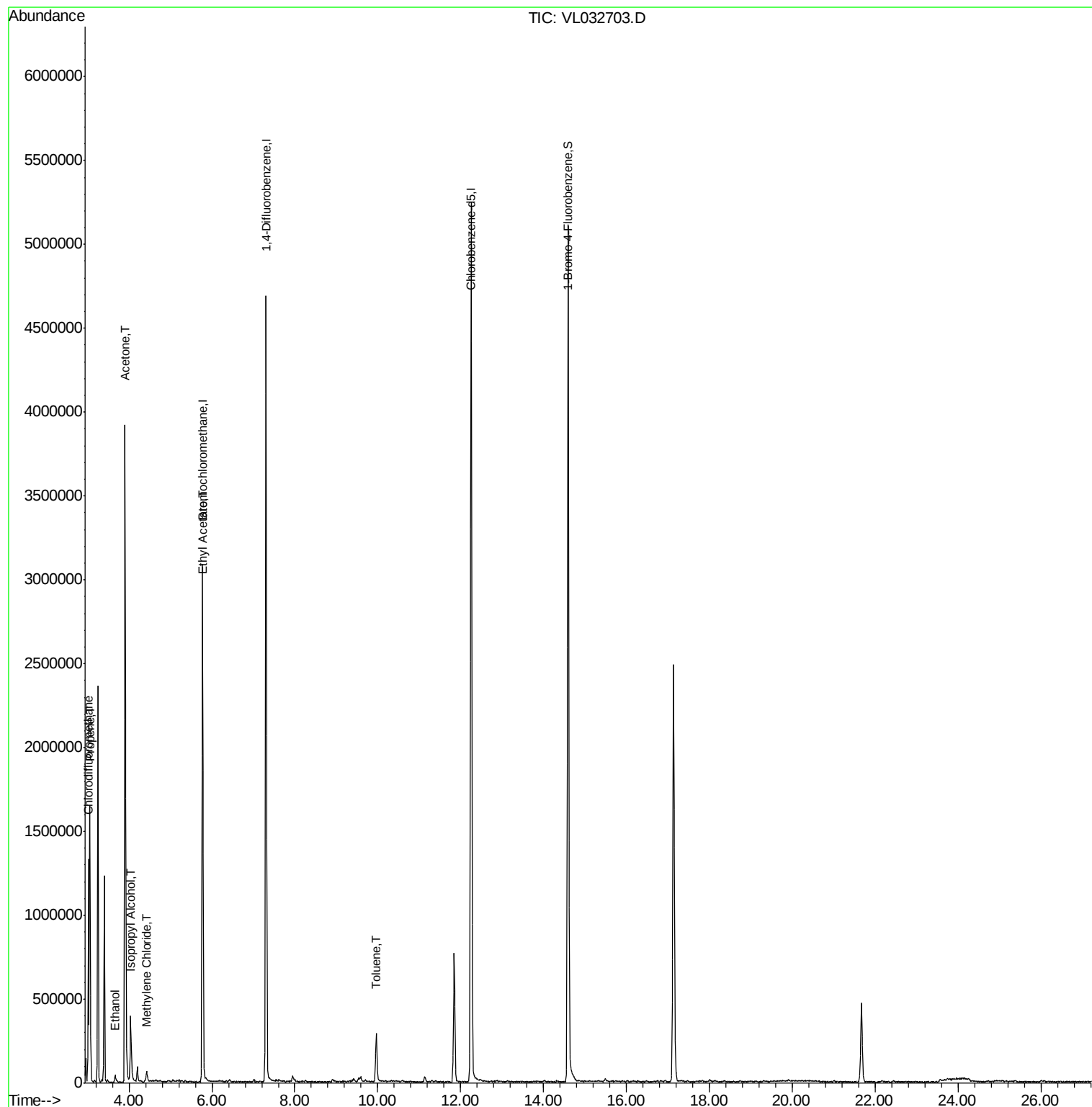
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL103018\
Data File : VL032703.D
Acq On : 30 Oct 2018 18:06
Operator : SY/AP
Sample : J5702-01DL 10X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

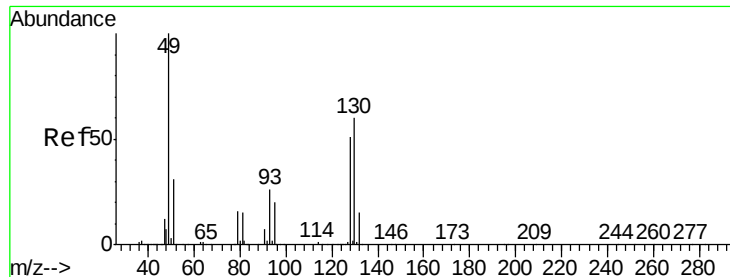
Instrument :
MSVOA_L
ClientSampleId :
FIA-1DDL

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Quant Time: Oct 31 05:43:18 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL101818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct
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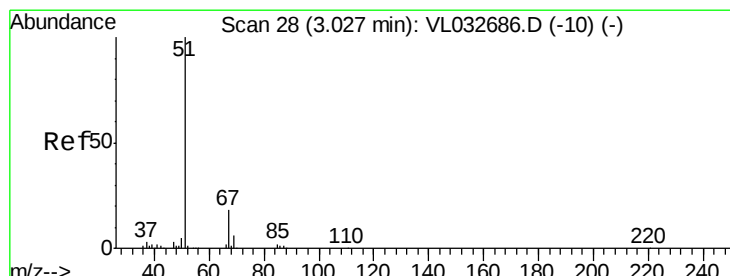
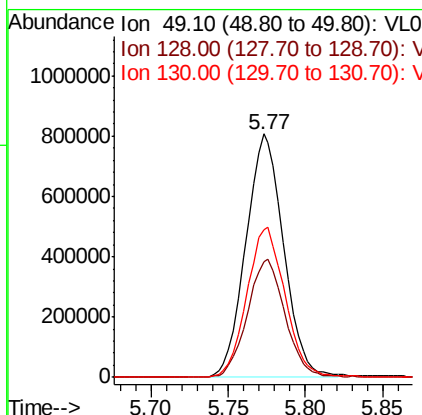
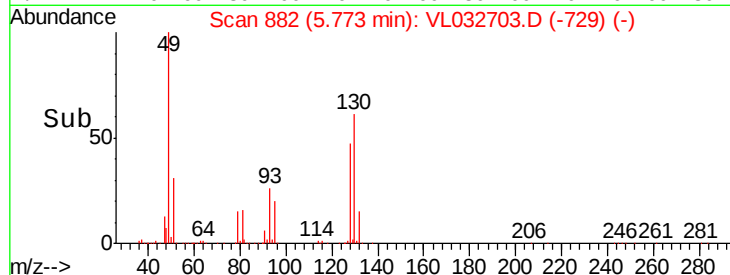
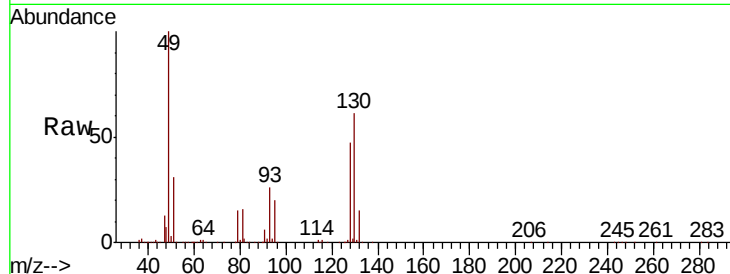
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.77 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: VL032703.D
 Acq: 30 Oct 2018 18:06

Instrument :
 MSVOA_L
 ClientSampleId :
 FIA-1DDL

Tot Ion:	49	Resp:	1372578
Ion	Ratio	Lower	Upper
49	100		
128	49.0	22.3	66.8
130	63.3	28.4	85.3

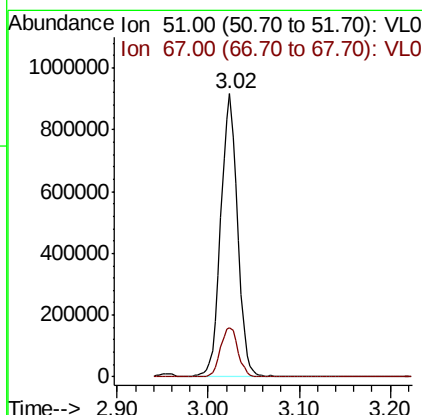
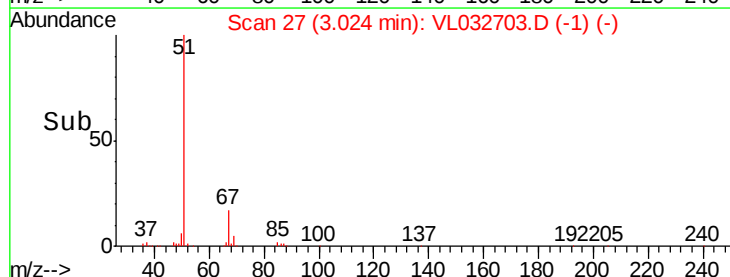
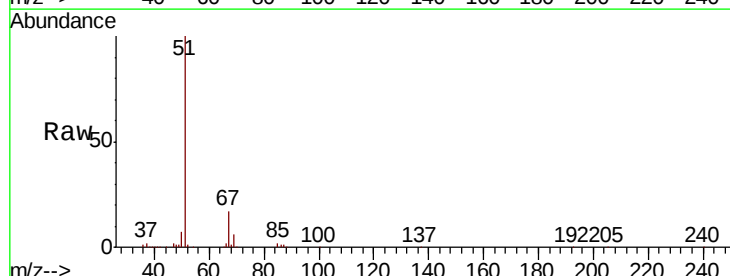
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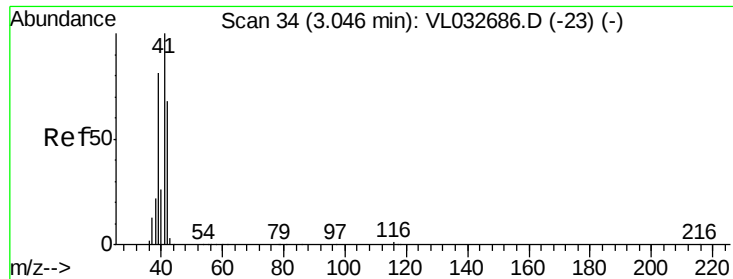
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#3
 Chlorodifluoromethane
 Concen: 10.943 ppbv
 RT: 3.02 min Scan# 27
 Delta R.T. -0.00 min
 Lab File: VL032703.D
 Acq: 30 Oct 2018 18:06

Tgt Ion:	51	Resp:	1174679
Ion	Ratio	Lower	Upper
51	100		
67	18.3	15.2	22.8





#9

Propene

Concen: 6.771 ppbv m

RT: 3.06 min Scan# 38

Delta R.T. 0.02 min

Lab File: VL032703.D

Acq: 30 Oct 2018 18:06

Instrument :

MSVOA_L

ClientSampled :

FIA-1DDL

Tot Ion: 41 Resp: 299121

Ion Ratio Lower Upper

41 100

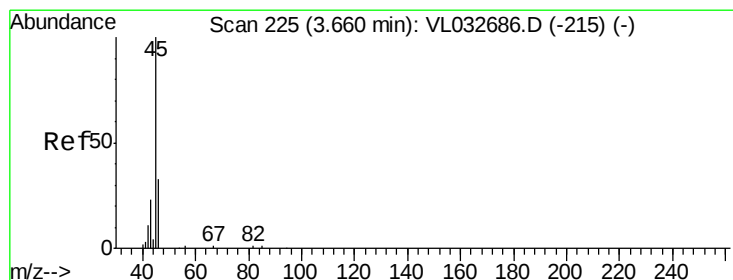
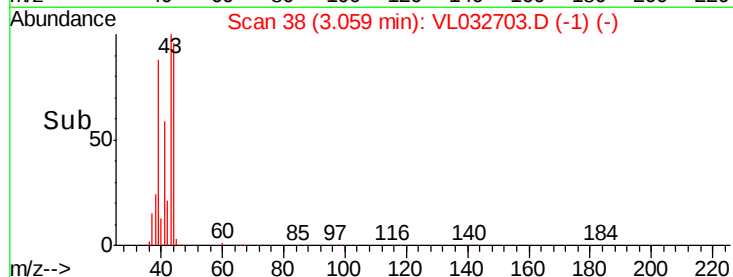
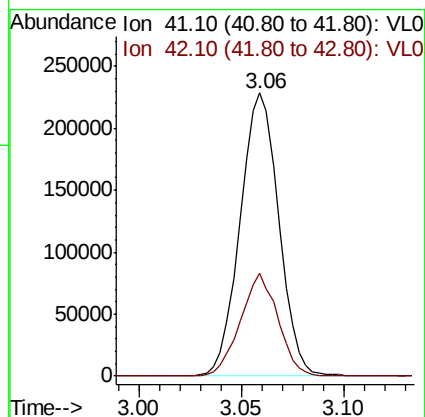
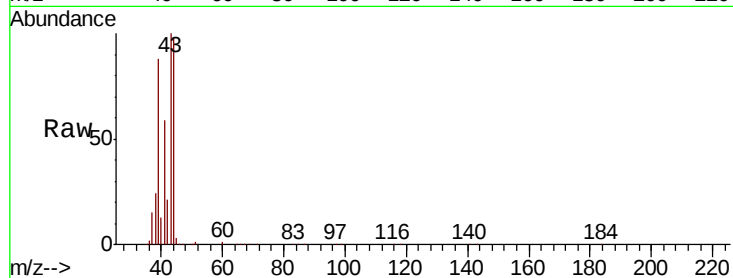
42 142.3 55.4 83.0#

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#13

Ethanol

Concen: 3.348 ppbv

RT: 3.67 min Scan# 227

Delta R.T. 0.01 min

Lab File: VL032703.D

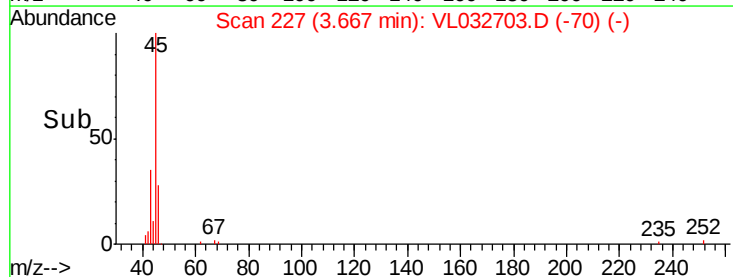
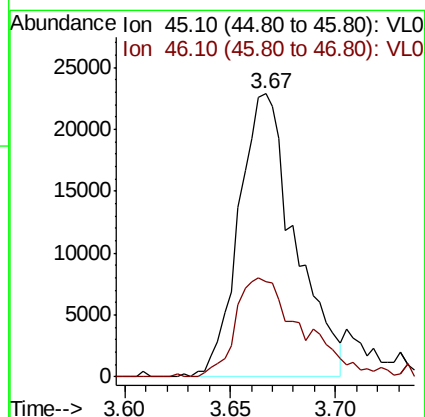
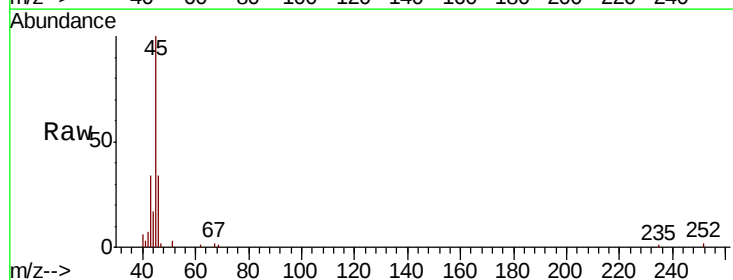
Acq: 30 Oct 2018 18:06

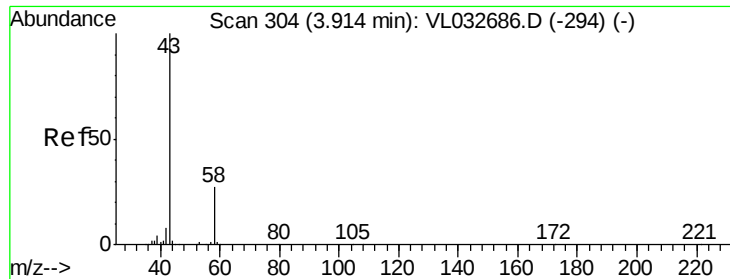
Tgt Ion: 45 Resp: 42274

Ion Ratio Lower Upper

45 100

46 41.9 15.4 61.8





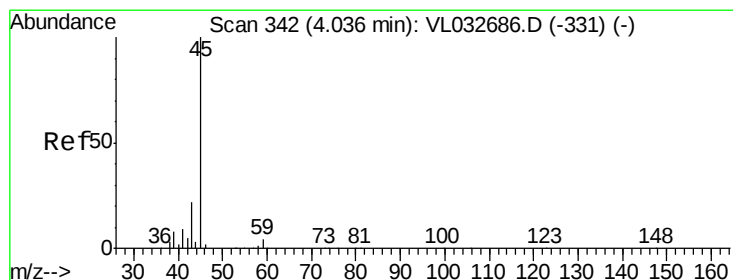
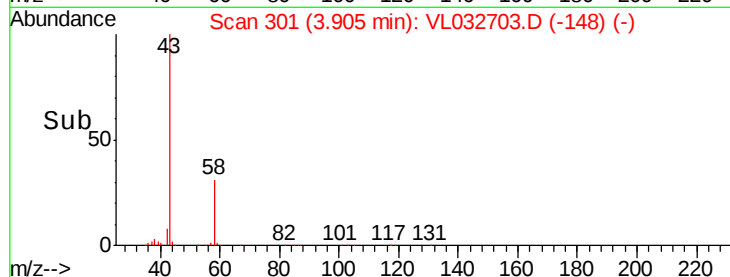
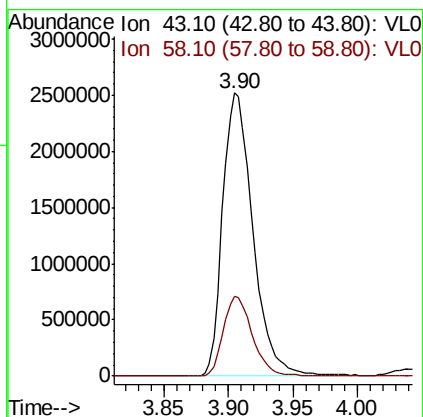
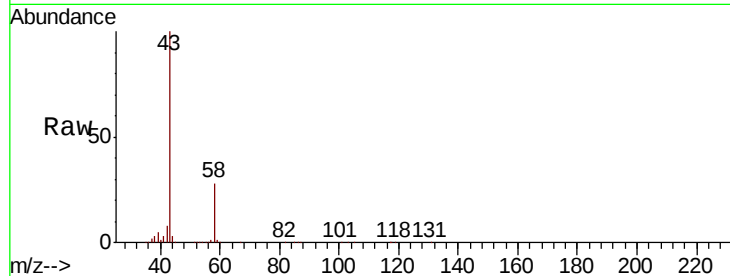
#15
Acetone
Concen: 32.357 ppbv
RT: 3.90 min Scan# 301
Delta R.T. -0.01 min
Lab File: VL032703.D
Acq: 30 Oct 2018 18:06

Instrument :
MSVOA_L
ClientSampled :
FIA-1DDL

Tot Ion: 43 Resp: 4101202
Ion Ratio Lower Upper
43 100
58 27.3 22.1 33.1

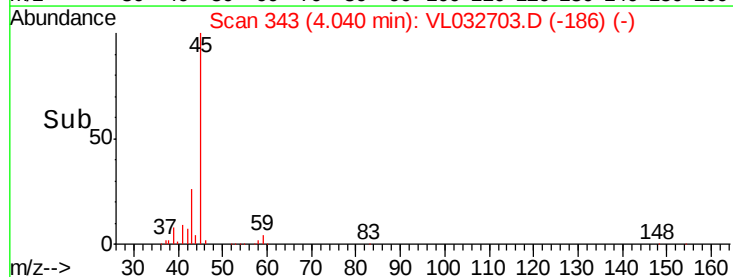
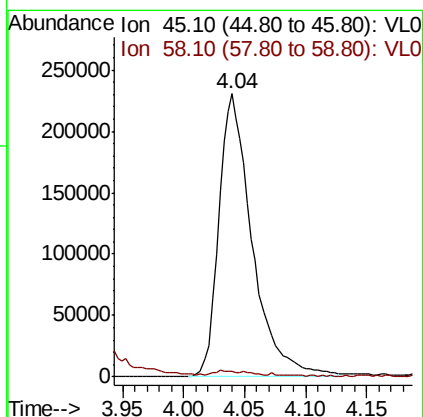
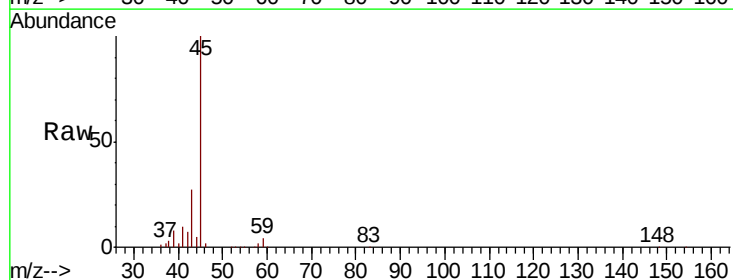
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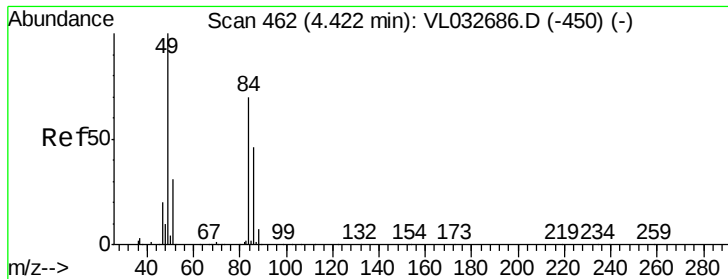
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#19
Isopropyl Alcohol
Concen: 4.879 ppbv
RT: 4.04 min Scan# 343
Delta R.T. 0.01 min
Lab File: VL032703.D
Acq: 30 Oct 2018 18:06

Tgt Ion: 45 Resp: 440370
Ion Ratio Lower Upper
45 100
58 0.0 2.0 3.0#





#20

Methylene Chloride

Concen: 0.322 ppbv

RT: 4.43 min Scan# 463

Delta R.T. 0.01 min

Lab File: VL032703.D

Acq: 30 Oct 2018 18:06

Instrument :

MSVOA_L

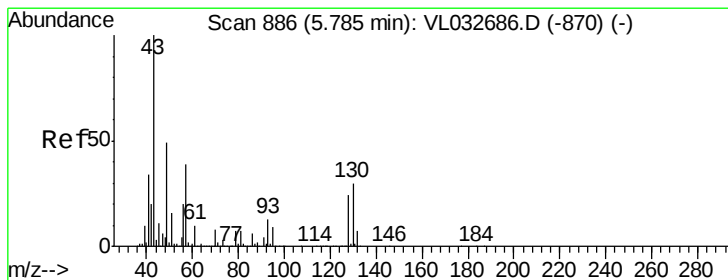
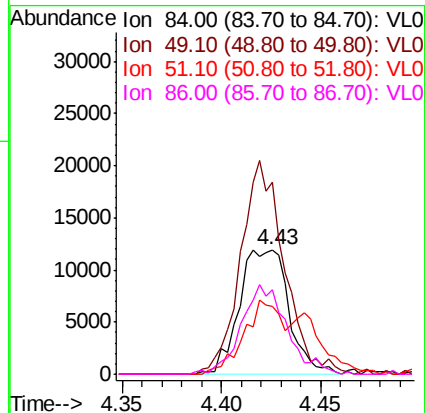
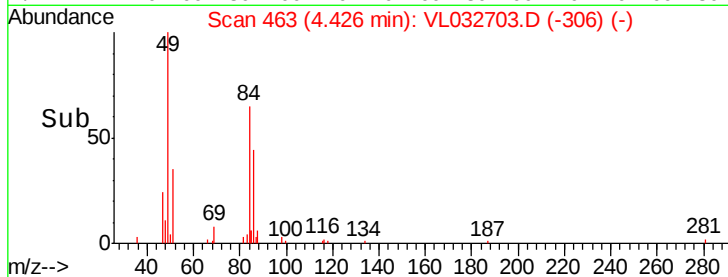
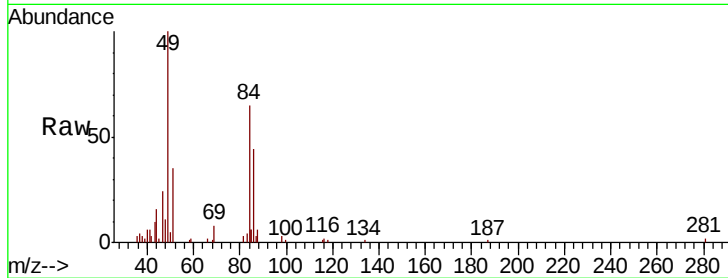
ClientSampled :

FIA-1DDL

Tot Ion:	84	Resp:	20715
Ion	Ratio	Lower	Upper
84	100		
49	154.2	113.5	170.3
51	54.3	34.8	52.2#
86	67.6	47.9	71.9

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#25

Ethyl Acetate

Concen: 0.148 ppbv

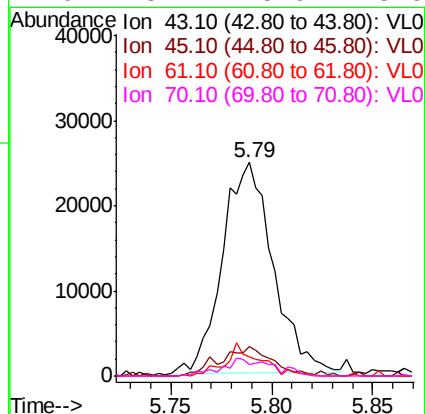
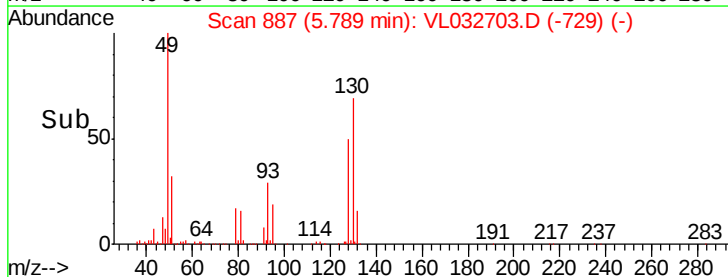
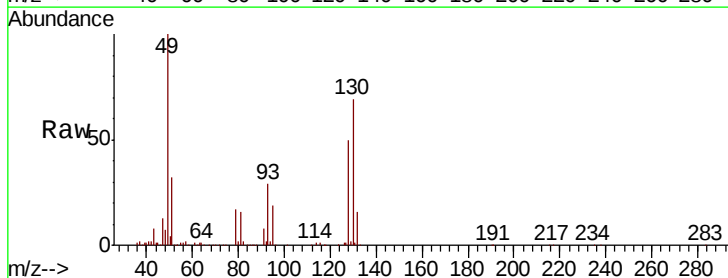
RT: 5.79 min Scan# 887

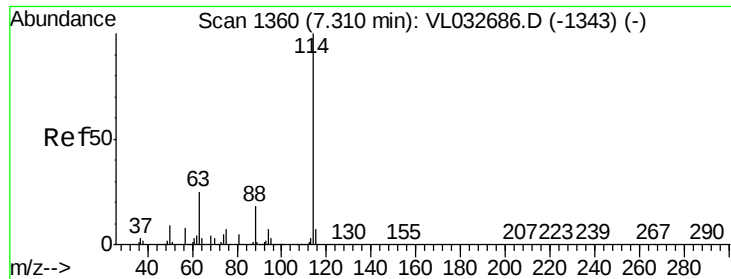
Delta R.T. 0.01 min

Lab File: VL032703.D

Acq: 30 Oct 2018 18:06

Tgt Ion:	43	Resp:	43281
Ion	Ratio	Lower	Upper
43	100		
45	15.0	8.0	12.0#
61	10.5	8.0	12.0
70	8.4	5.9	8.9





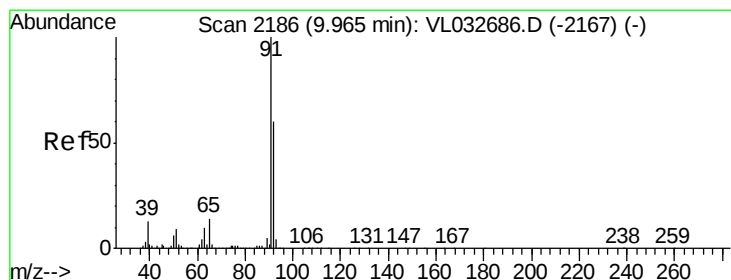
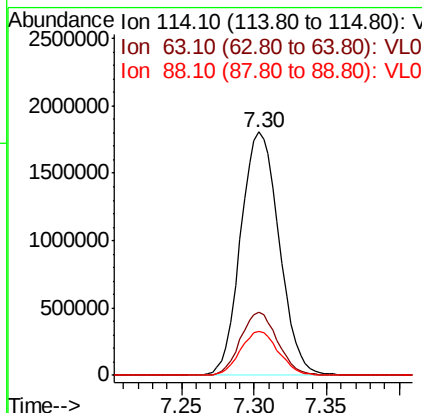
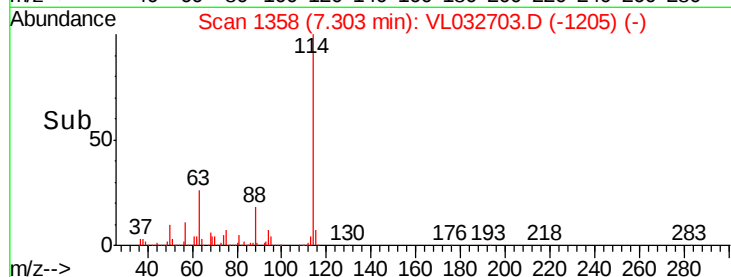
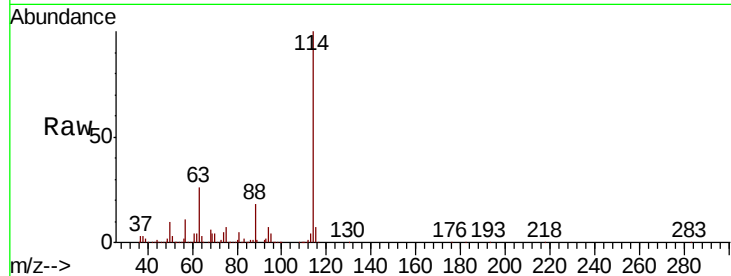
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.30 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: VL032703.D
 Acq: 30 Oct 2018 18:06

Instrument :
 MSVOA_L
 ClientSampleId :
 FIA-1DDL

Tot Ion	Ratio	Lower	Upper
114	100		
63	25.2	21.7	32.5
88	17.9	14.9	22.3

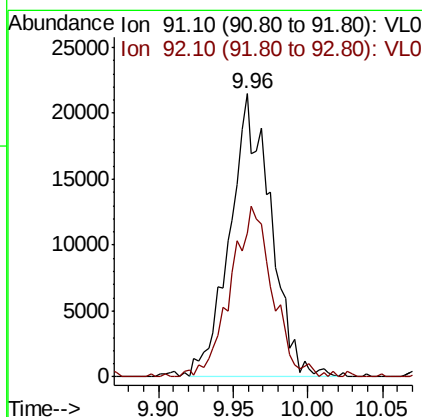
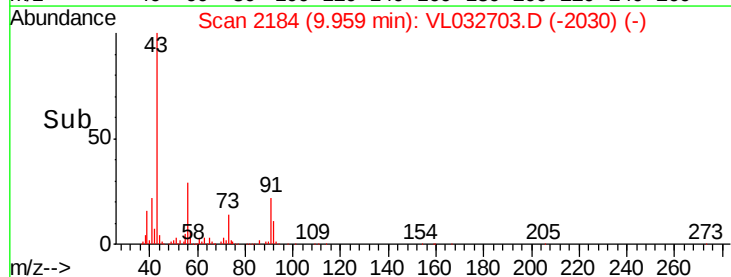
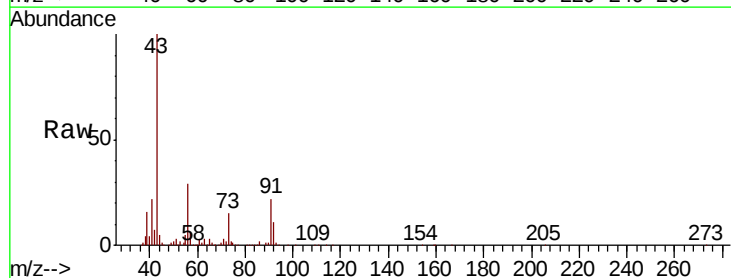
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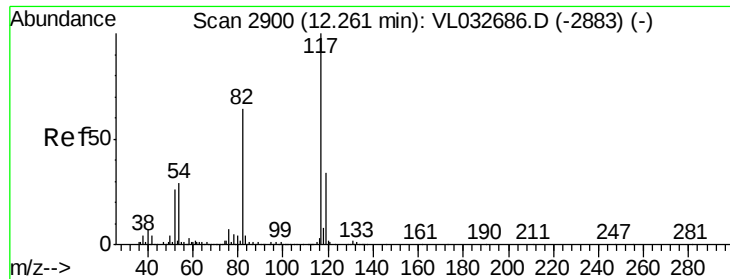
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#53
 Toluene
 Concen: 0.131 ppbv m
 RT: 9.96 min Scan# 2184
 Delta R.T. -0.00 min
 Lab File: VL032703.D
 Acq: 30 Oct 2018 18:06

Tgt Ion	Ratio	Lower	Upper
91	100		
92	62.0	48.4	72.6





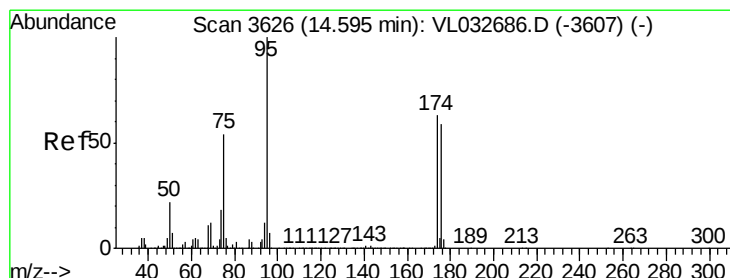
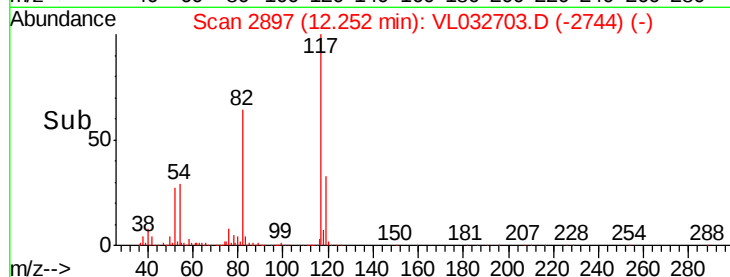
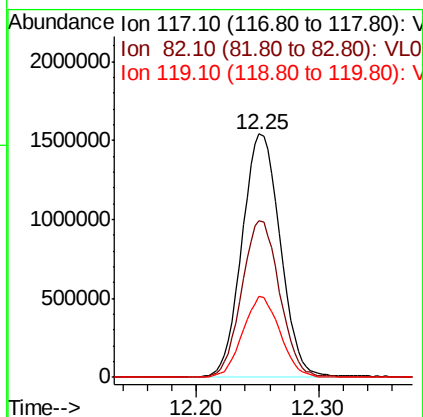
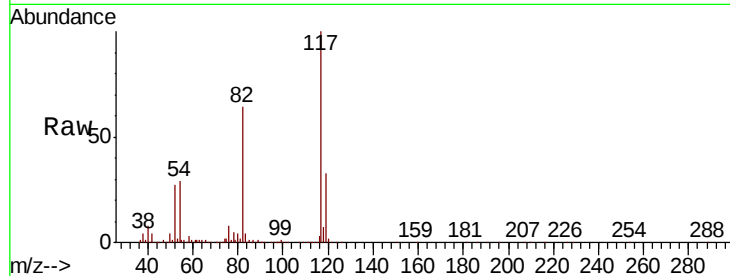
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Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2897
Delta R.T. -0.01 min
Lab File: VL032703.D
Acq: 30 Oct 2018 18:06

Instrument :
MSVOA_L
ClientSampleId :
FIA-1DDL

Tot Ion:117 Resp: 3340988
Ion Ratio Lower Upper
117 100
82 64.1 52.7 79.1
119 32.5 26.7 40.1

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.191 ppbv
RT: 14.59 min Scan# 3623
Delta R.T. -0.01 min
Lab File: VL032703.D
Acq: 30 Oct 2018 18:06

Tgt Ion: 95 Resp: 2535034
Ion Ratio Lower Upper
95 100
174 63.5 46.0 69.0
175 4.8 3.4 5.0

