

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071818\
 Data File : VL032273.D
 Acq On : 18 Jul 2018 23:08
 Operator : SY/AP
 Sample : J3454-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 B-3DL

Manual Integrations
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 7/20/2018 2:53:17 PM

Quant Time: Jul 19 02:58:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL071818AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 18 14:38:53 2018
 QLast Update : Wed Jul 18 14:38:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.84	49	1725330	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.37	114	3595002	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.33	117	4205011	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.67	95	3302545	9.69	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	3.06	51	29130m	0.15	ppbv	
13) Ethanol	3.72	45	167321m	6.92	ppbv	
15) Acetone	3.97	43	255091	1.41	ppbv	98
19) Isopropyl Alcohol	4.11	45	36983m	0.30	ppbv	
20) Methylene Chloride	4.48	84	40421	0.58	ppbv	93
26) Hexane	5.86	57	246372	1.36	ppbv #	43
34) 2-Butanone	5.42	43	24688	0.10	ppbv	95

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

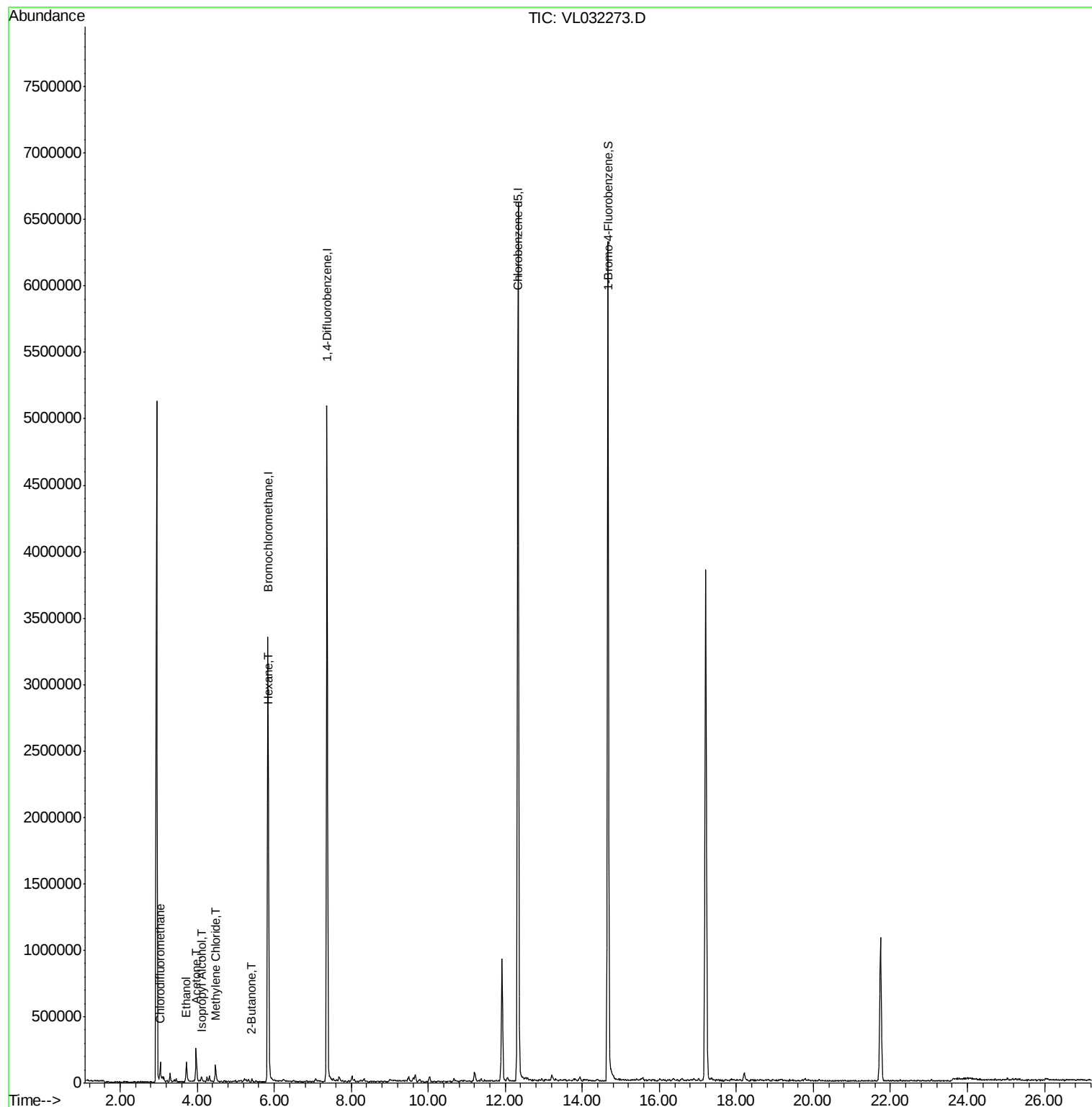
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL071818\
Data File : VL032273.D
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Operator : SY/AP
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Misc : 400ml/MSVOA L
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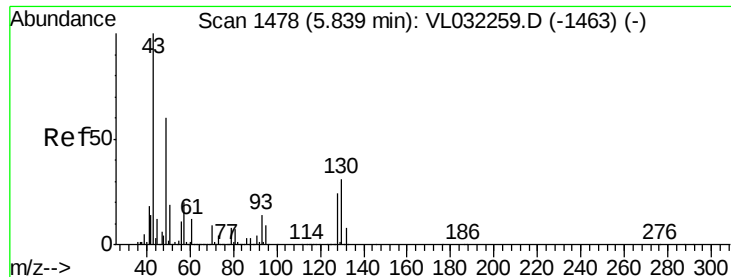
Instrument :
MSVOA_L
ClientSampleId :
B-3DL

Manual Integrations
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Quant Time: Jul 19 02:58:40 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL071818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul
QLast Update : Wed Jul 18 14:38:53 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.84 min Scan# 1477

Delta R.T. -0.00 min

Lab File: VL032273.D

Acq: 18 Jul 2018 23:08

Instrument :

MSVOA_L

ClientSampleId :

B-3DL

Tot Ion: 49 Resp: 1725330

Ion Ratio Lower Upper

49 100

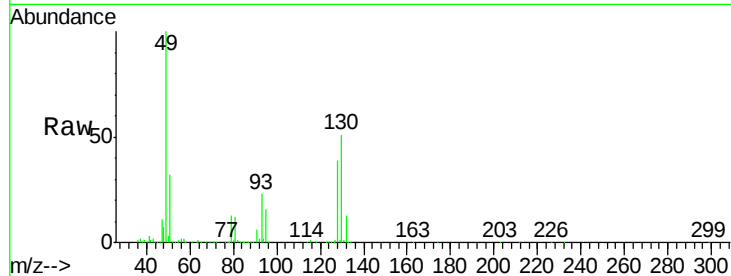
128 40.2 20.1 60.2

130 50.8 25.9 77.6

Manual Integrations
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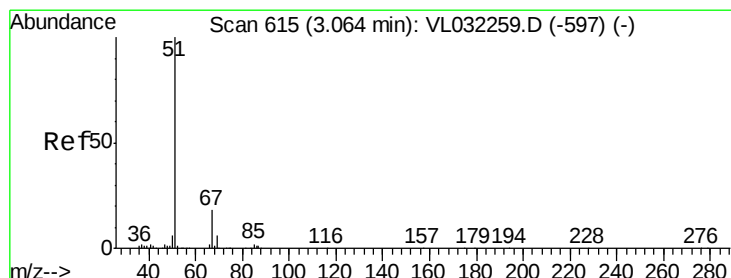
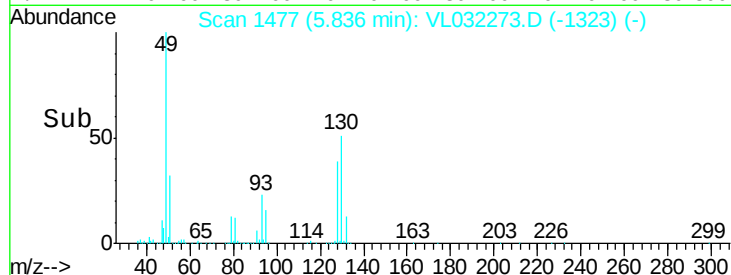
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.84

Time-->



#3

Chlorodifluoromethane

Concen: 0.15 ppbv m

RT: 3.06 min Scan# 613

Delta R.T. -0.01 min

Lab File: VL032273.D

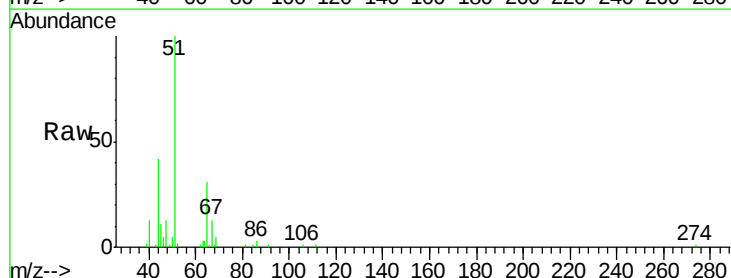
Acq: 18 Jul 2018 23:08

Tgt Ion: 51 Resp: 29130

Ion Ratio Lower Upper

51 100

67 19.7 14.2 21.4

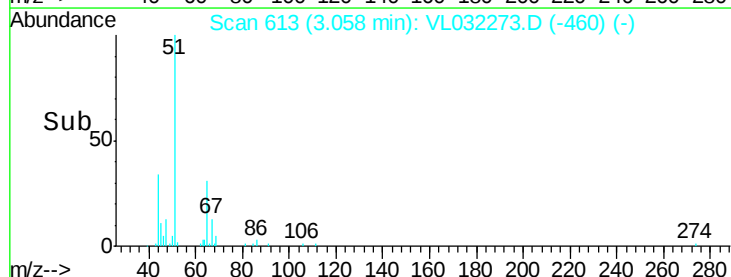


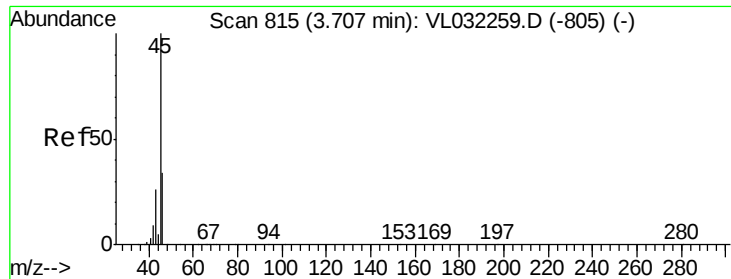
Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0

3.06

Time-->





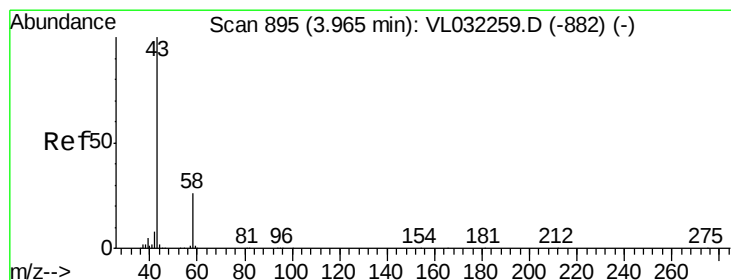
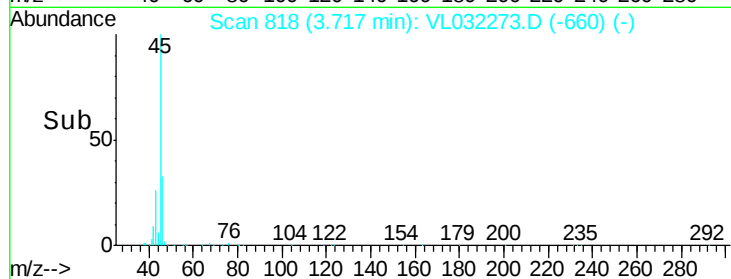
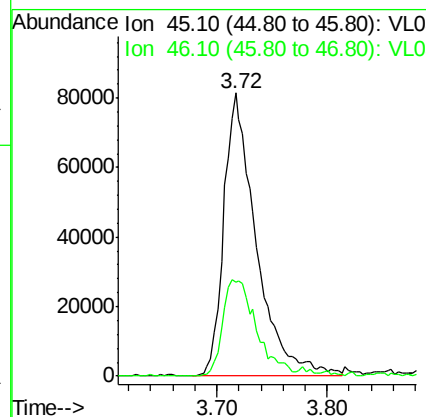
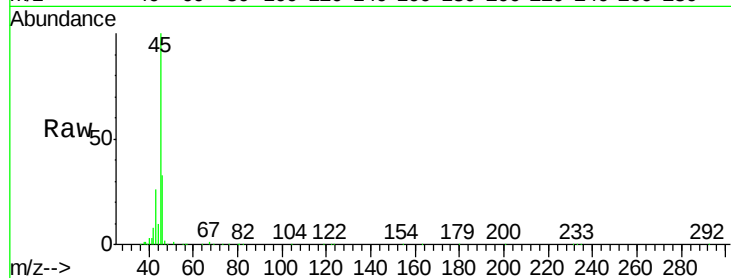
#13
Ethanol
Concen: 6.92 ppbv m
RT: 3.72 min Scan# 818
Delta R.T. 0.01 min
Lab File: VL032273.D
Acq: 18 Jul 2018 23:08

Instrument :
MSVOA_L
ClientSampleId :
B-3DL

Tot Ion	45	Resp	167321
Ion Ratio	100	Lower	Upper
46	37.3	15.2	60.8

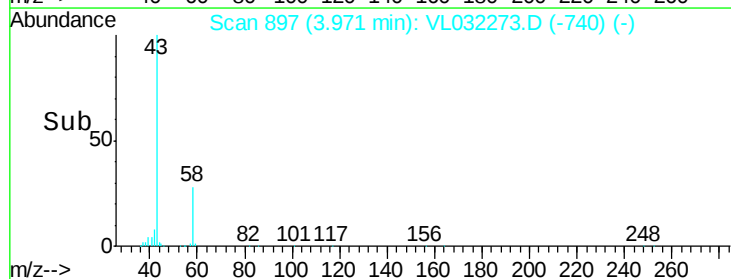
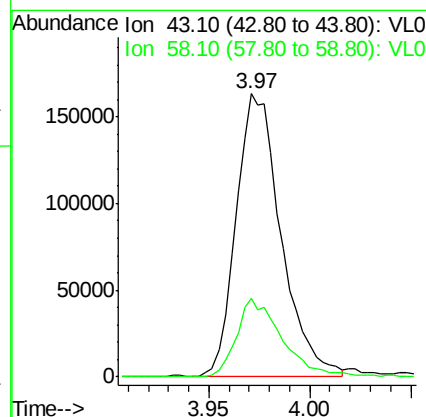
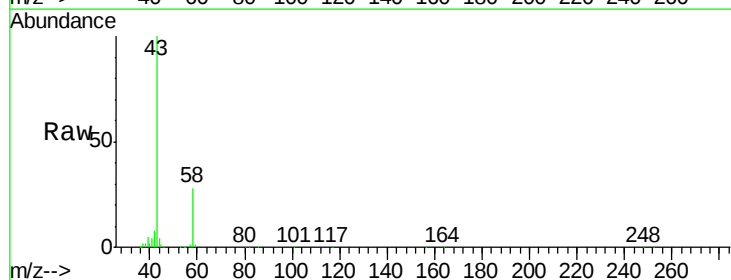
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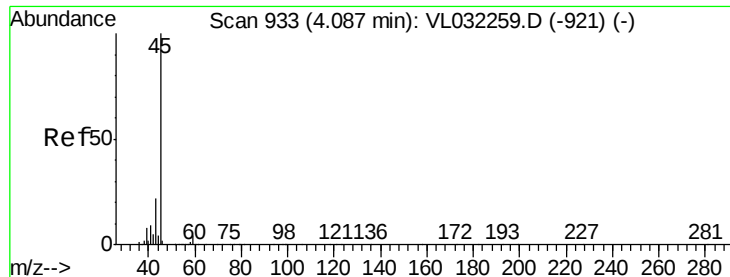
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#15
Acetone
Concen: 1.41 ppbv
RT: 3.97 min Scan# 897
Delta R.T. 0.01 min
Lab File: VL032273.D
Acq: 18 Jul 2018 23:08

Tgt Ion	43	Resp	255091
Ion Ratio	100	Lower	Upper
58	28.4	21.8	32.6





#19

Isopropyl Alcohol

Concen: 0.30 ppbv m

RT: 4.11 min Scan# 941

Delta R.T. 0.03 min

Lab File: VL032273.D

Acq: 18 Jul 2018 23:08

Instrument :

MSVOA_L

ClientSampleId :

B-3DL

Tot Ion: 45 Resp: 36983

Ion Ratio Lower Upper

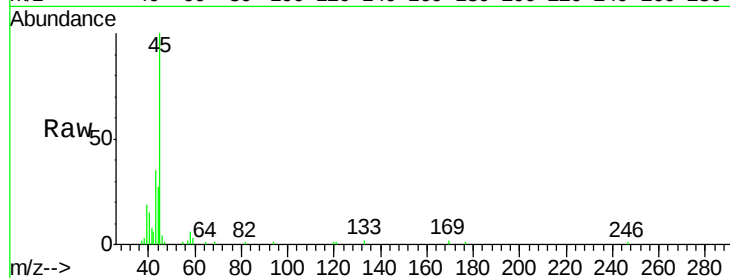
45 100

58 9.2 1.5 2.3#

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Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

4.11

20000

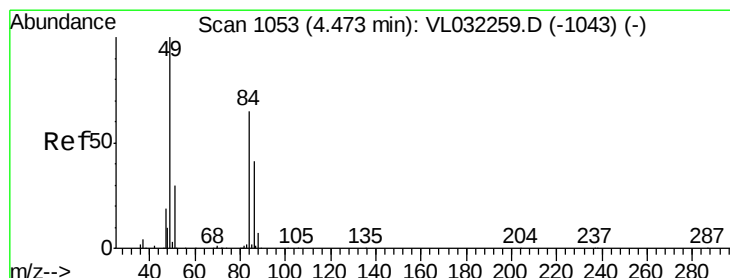
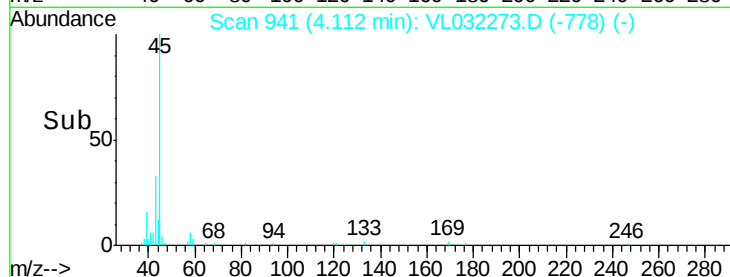
15000

10000

5000

0

Time-->



#20

Methylene Chloride

Concen: 0.58 ppbv

RT: 4.48 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VL032273.D

Acq: 18 Jul 2018 23:08

Tgt Ion: 84 Resp: 40421

Ion Ratio Lower Upper

84 100

49 162.5 122.4 183.6

51 50.8 36.8 55.2

86 57.5 50.7 76.1

Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

60000

50000

40000

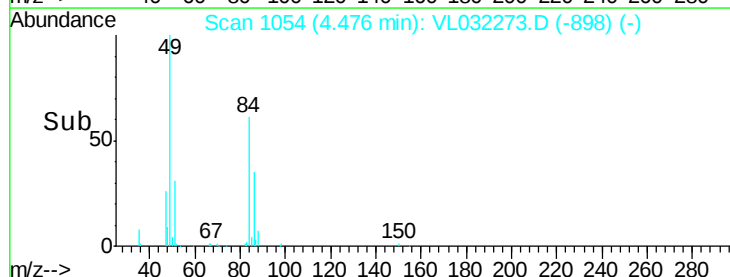
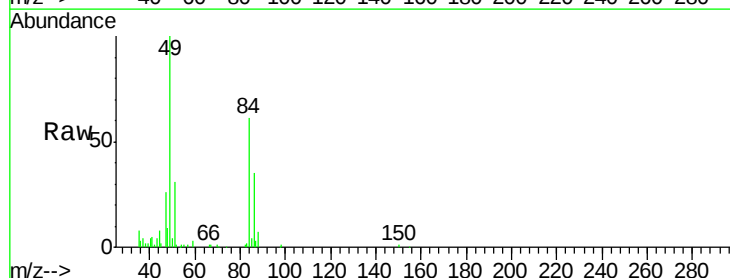
30000

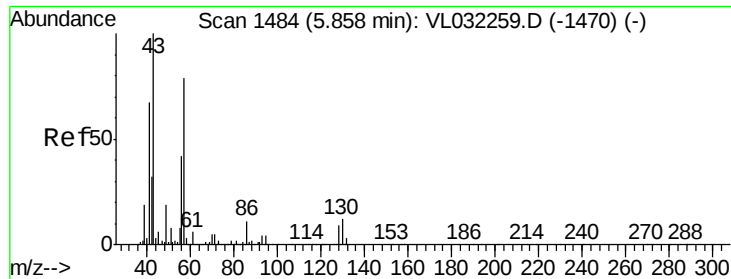
20000

10000

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Time-->





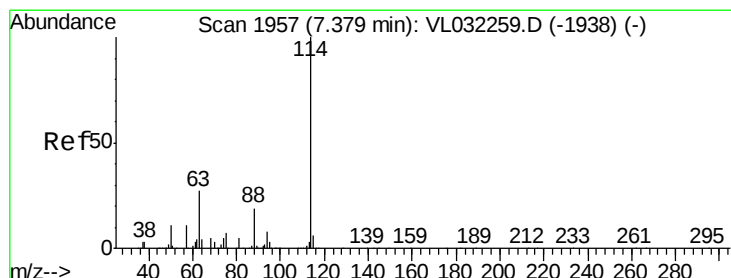
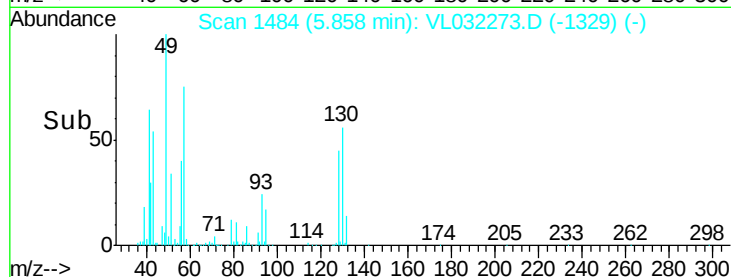
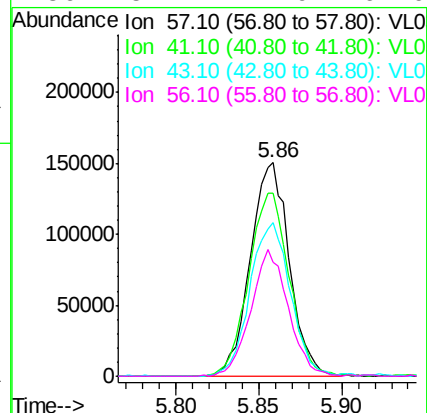
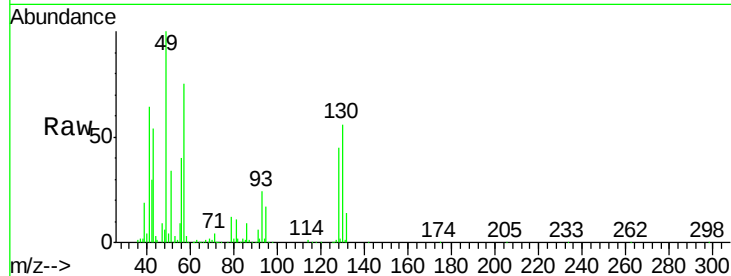
#26
Hexane
Concen: 1.36 ppbv
RT: 5.86 min Scan# 1484
Delta R.T. -0.00 min
Lab File: VL032273.D
Acq: 18 Jul 2018 23:08

Instrument :
MSVOA_L
ClientSampled :
B-3DL

Tot Ion	Ratio	Lower	Upper
57	100		
41	89.7	67.9	101.9
43	75.8	175.9	263.9#
56	57.1	41.9	62.9

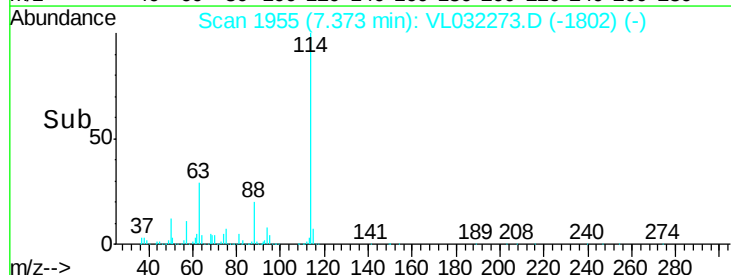
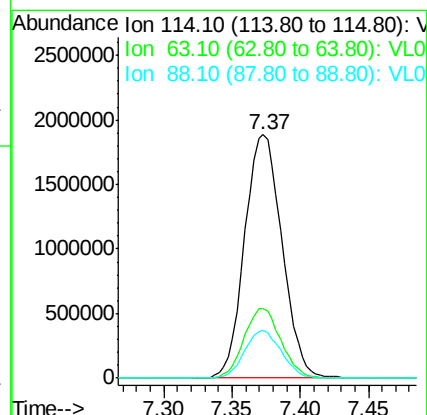
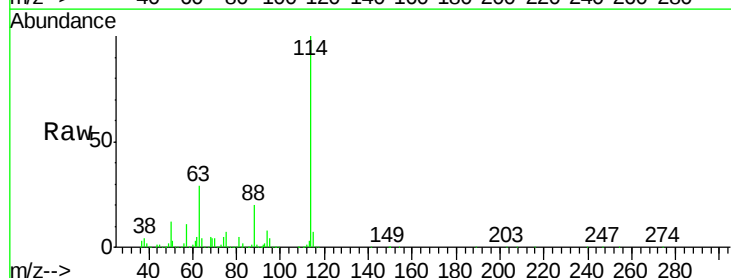
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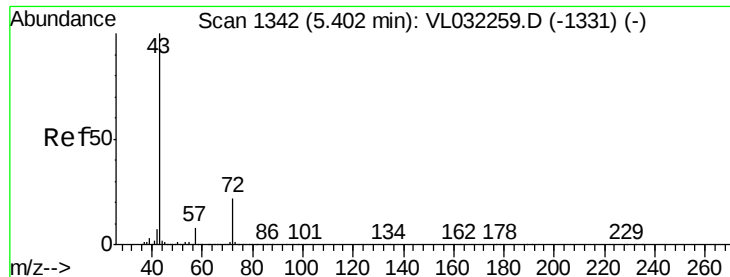
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#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.37 min Scan# 1955
Delta R.T. -0.01 min
Lab File: VL032273.D
Acq: 18 Jul 2018 23:08

Tgt Ion	Ratio	Lower	Upper
114	100		
63	28.4	22.6	33.8
88	19.2	15.2	22.8





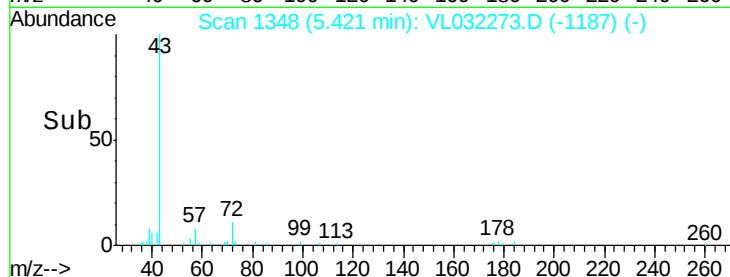
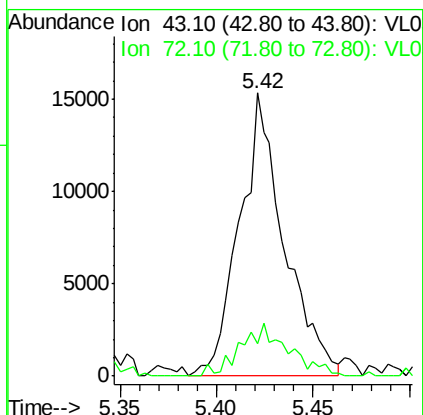
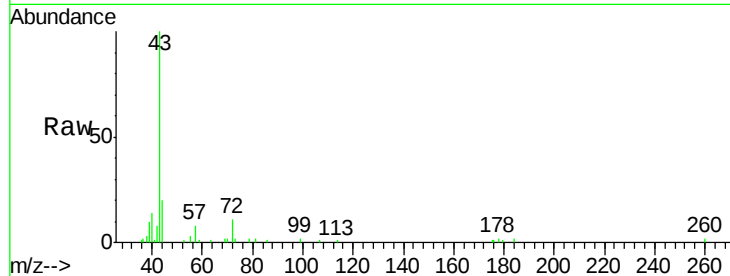
#34
2-Butanone
Concen: 0.10 ppbv
RT: 5.42 min Scan# 1348
Delta R.T. 0.02 min
Lab File: VL032273.D
Acq: 18 Jul 2018 23:08

Instrument :
MSVOA_L
ClientSampleId :
B-3DL

Tot Ion: 43 Resp: 24688
Ion Ratio Lower Upper
43 100
72 19.9 17.7 26.5

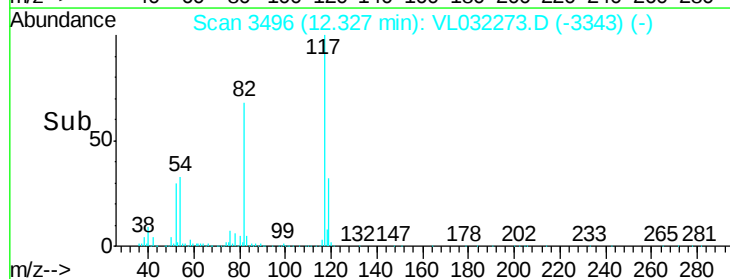
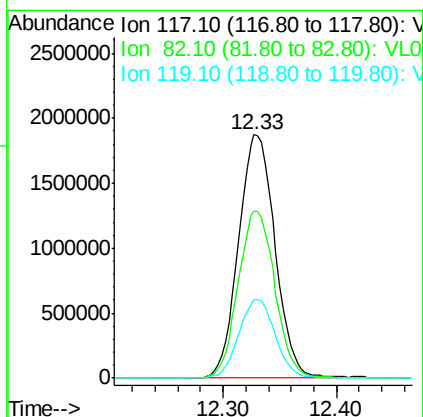
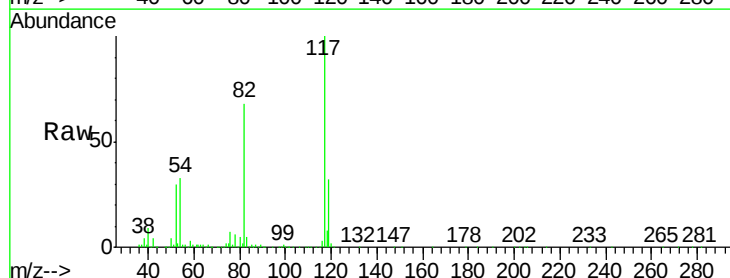
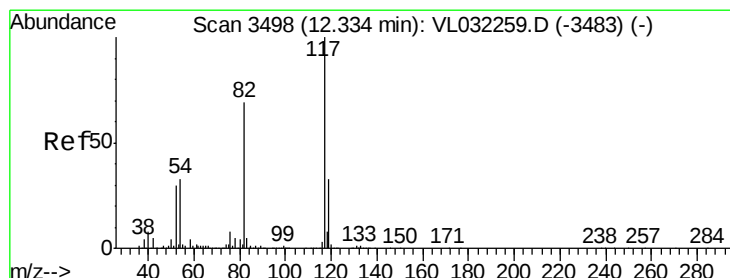
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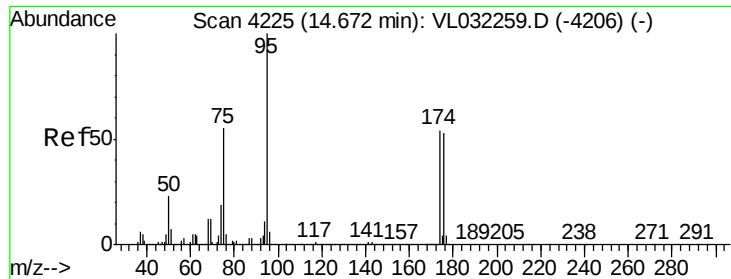
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#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.33 min Scan# 3496
Delta R.T. -0.01 min
Lab File: VL032273.D
Acq: 18 Jul 2018 23:08

Tgt Ion: 117 Resp: 4205011
Ion Ratio Lower Upper
117 100
82 69.7 53.9 80.9
119 32.4 25.5 38.3





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.69 ppbv
 RT: 14.67 min Scan# 4224
 Delta R.T. -0.00 min
 Lab File: VL032273.D
 Acq: 18 Jul 2018 23:08

Instrument :
 MSVOA_L
 ClientSampleId :
 B-3DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	55.9	44.3	66.5
175	4.1	3.3	4.9

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