

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL082018\
 Data File : VL032415.D
 Acq On : 20 Aug 2018 22:01
 Operator : SY/AP
 Sample : J4472-02DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-2DL

Manual Integrations
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 8/22/2018 10:50:37 AM

Quant Time: Aug 21 03:05:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081518AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Wed Aug 15 14:58:02 2018
 QLast Update : Wed Aug 15 14:58:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.81	49	1684046	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.35	114	3228495	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.30	117	3259614	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.64	95	2449228	9.85	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.07	41	10560	0.16	ppbv	92
11) Trichlorofluoromethane	4.05	101	16823m	0.09	ppbv	
13) Ethanol	3.71	45	16955m	0.99	ppbv	
15) Acetone	3.96	43	95211	0.60	ppbv	96
19) Isopropyl Alcohol	4.09	45	43178	0.40	ppbv #	85
20) Methylene Chloride	4.45	84	14008	0.23	ppbv	86
76) 1,4-Dichlorobenzene	17.37	146	165208m	0.78	ppbv	

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

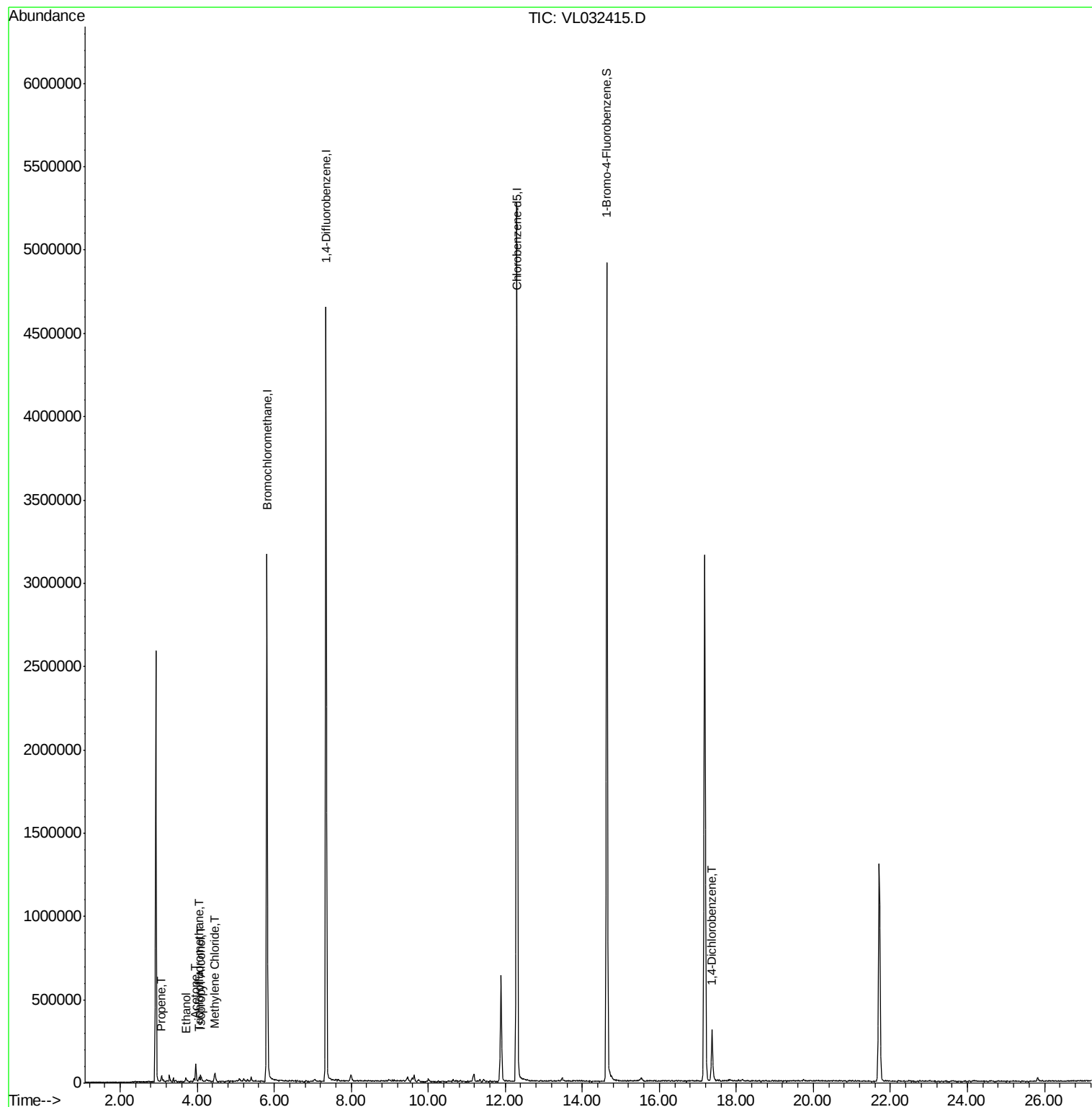
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL082018\
Data File : VL032415.D
Acq On : 20 Aug 2018 22:01
Operator : SY/AP
Sample : J4472-02DL 40X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

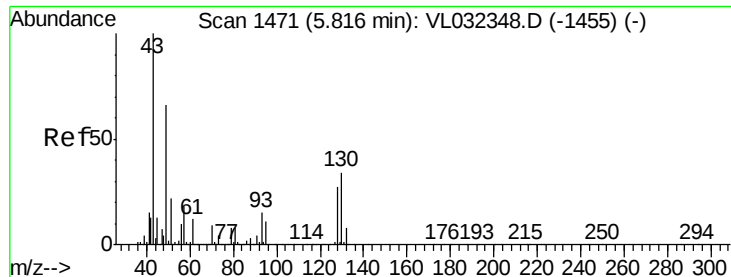
Instrument :
MSVOA_L
ClientSampleId :
SS-2DL

Manual Integrations
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Quant Time: Aug 21 03:05:31 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL081518AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug
QLast Update : Wed Aug 15 14:58:02 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.81 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VL032415.D

Acq: 20 Aug 2018 22:01

Instrument :

MSVOA_L

ClientSampleId :

SS-2DL

Tot Ion: 49 Resp: 1684046

Ion Ratio Lower Upper

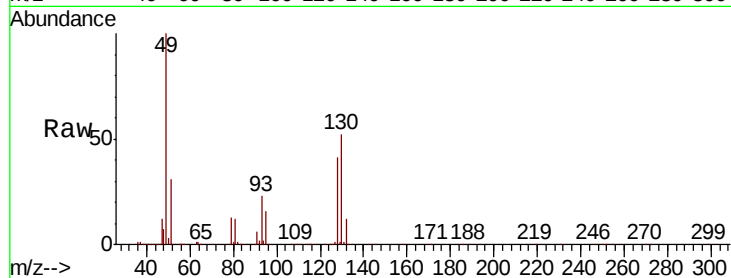
49 100

128 41.2 20.5 61.6

130 52.7 26.2 78.5

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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

1200000

1000000

800000

600000

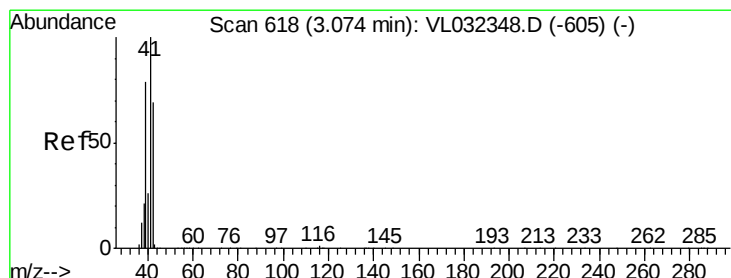
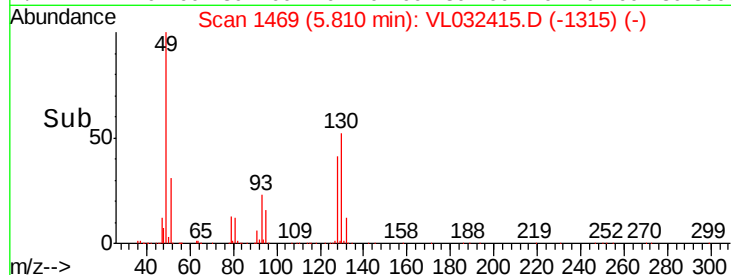
400000

200000

0

5.75 5.80 5.85 5.90

Time-->



#9

Propene

Concen: 0.16 ppbv

RT: 3.07 min Scan# 617

Delta R.T. -0.00 min

Lab File: VL032415.D

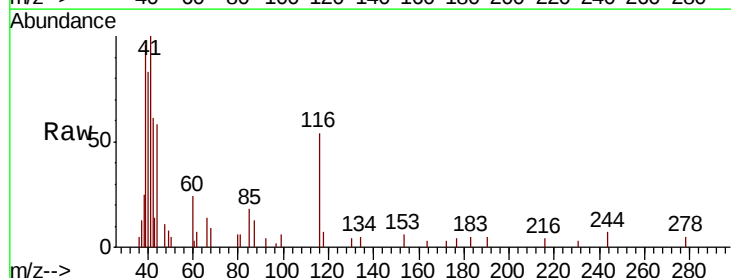
Acq: 20 Aug 2018 22:01

Tgt Ion: 41 Resp: 10560

Ion Ratio Lower Upper

41 100

42 63.5 55.9 83.9



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

6000

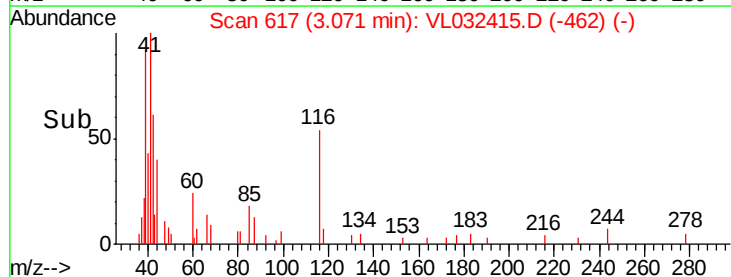
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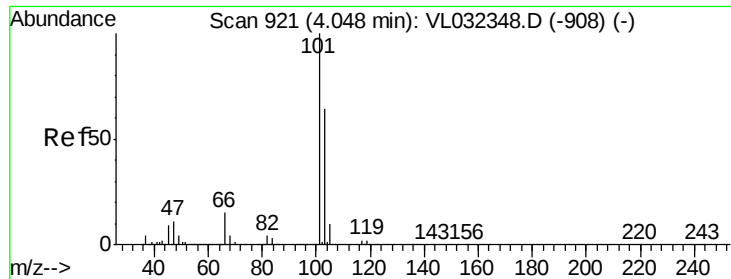
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0

3.05 3.10

Time-->





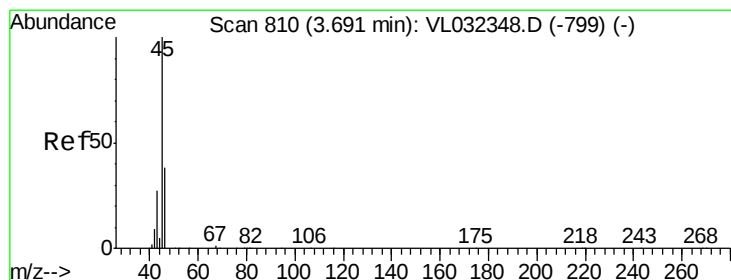
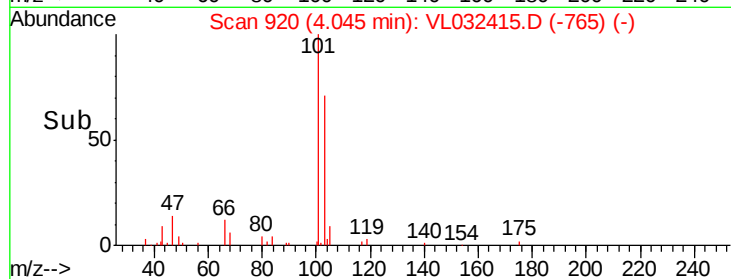
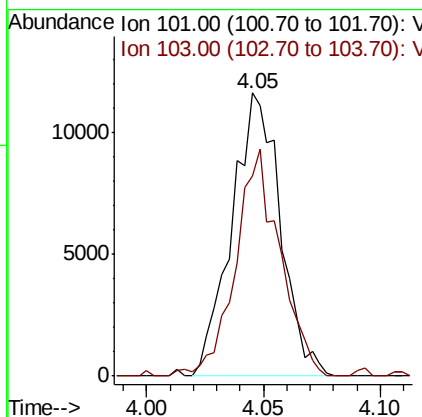
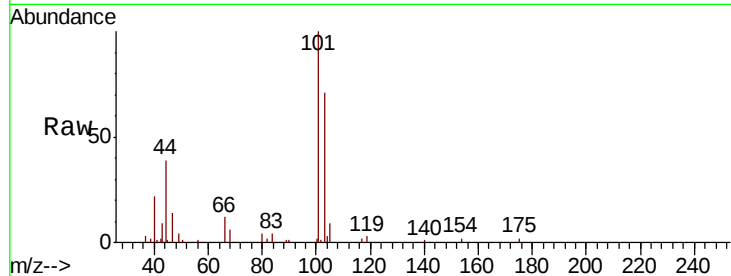
#11
 Trichlorofluoromethane
 Concen: 0.09 ppbv m
 RT: 4.05 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VL032415.D
 Acq: 20 Aug 2018 22:01

Instrument :
 MSVOA_L
 ClientSampled :
 SS-2DL

Tot Ion:101 Resp: 16823
 Ion Ratio Lower Upper
 101 100
 103 70.6 51.4 77.0

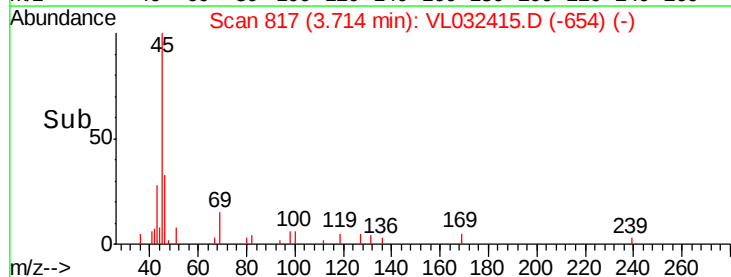
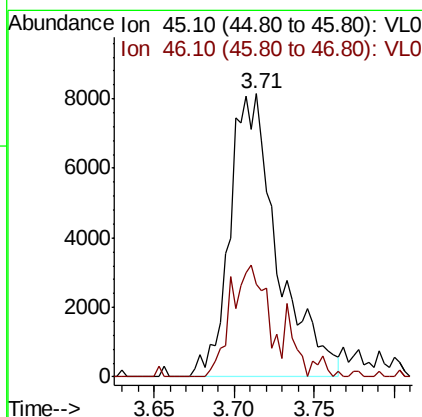
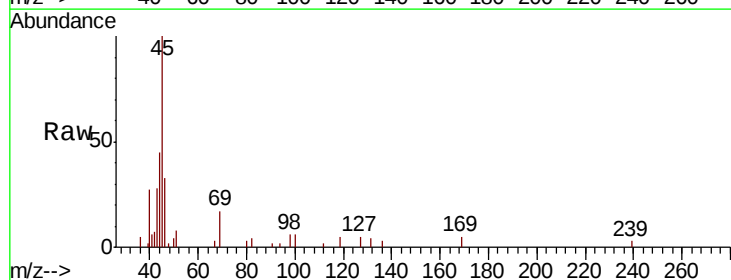
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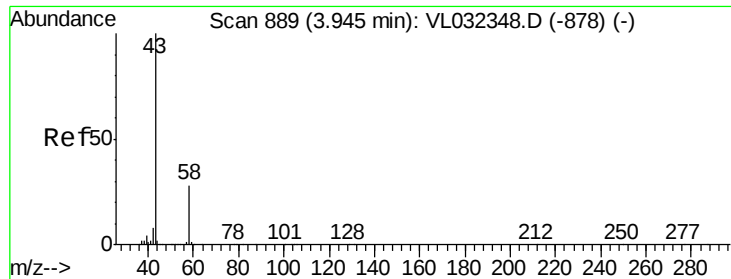
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#13
 Ethanol
 Concen: 0.99 ppbv m
 RT: 3.71 min Scan# 817
 Delta R.T. 0.02 min
 Lab File: VL032415.D
 Acq: 20 Aug 2018 22:01

Tgt Ion: 45 Resp: 16955
 Ion Ratio Lower Upper
 45 100
 46 0.0 15.6 62.4#





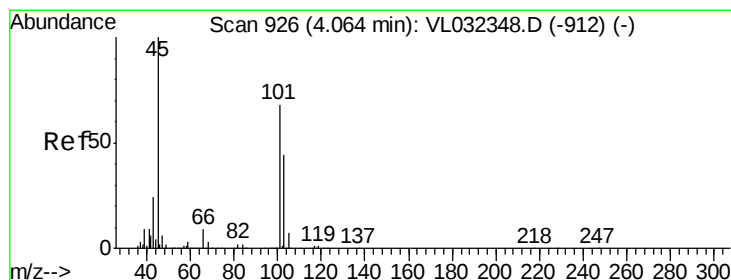
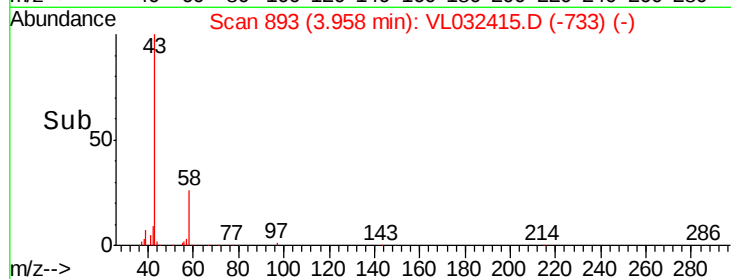
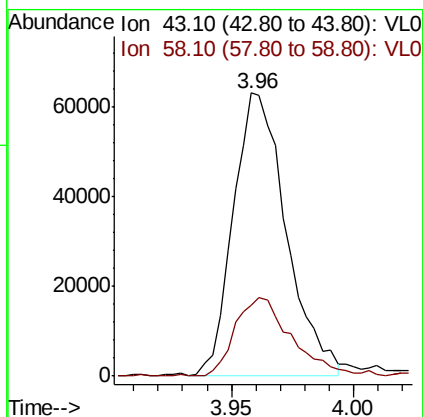
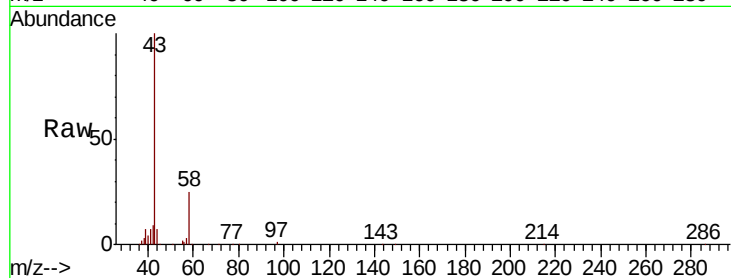
#15
Acetone
Concen: 0.60 ppbv
RT: 3.96 min Scan# 893
Delta R.T. 0.01 min
Lab File: VL032415.D
Acq: 20 Aug 2018 22:01

Instrument :
MSVOA_L
ClientSampleId :
SS-2DL

Tot Ion	43	Resp	95211
Ion Ratio	Lower	Upper	
43	100		
58	30.1	22.4	33.6

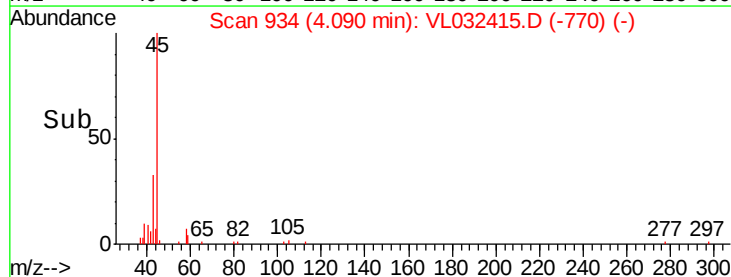
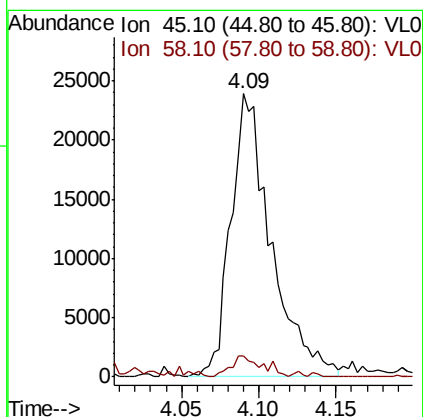
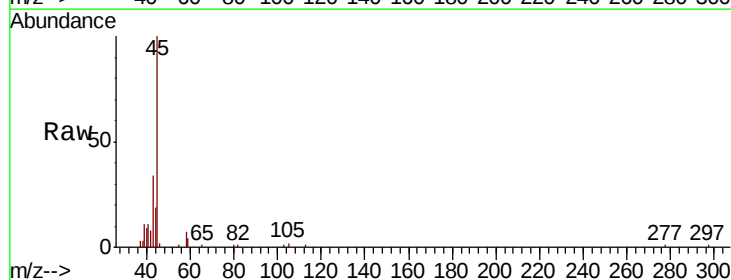
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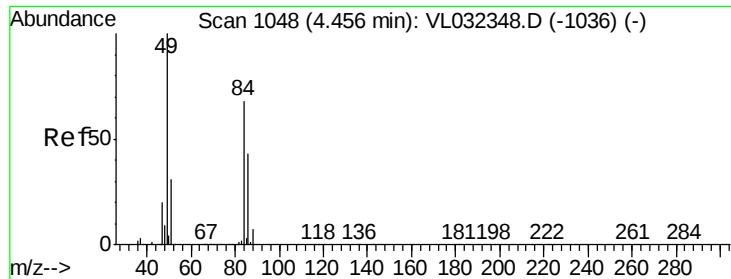
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#19
Isopropyl Alcohol
Concen: 0.40 ppbv
RT: 4.09 min Scan# 934
Delta R.T. 0.03 min
Lab File: VL032415.D
Acq: 20 Aug 2018 22:01

Tgt Ion	45	Resp	43178
Ion Ratio	Lower	Upper	
45	100		
58	7.1	1.4	2.0#





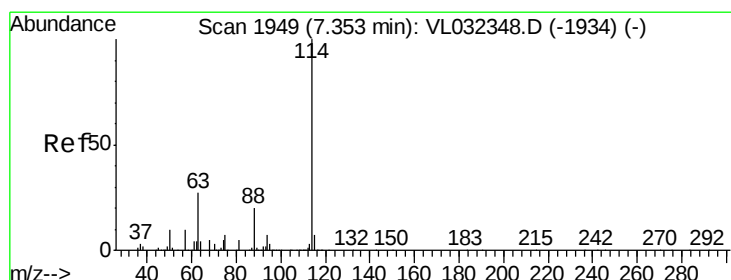
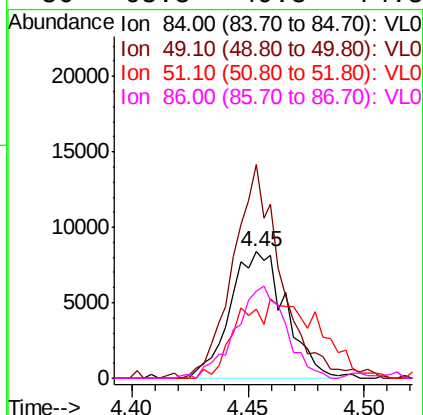
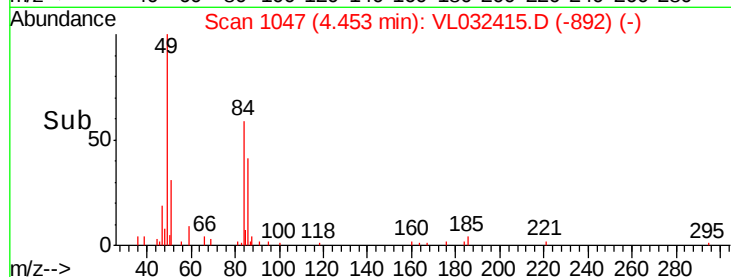
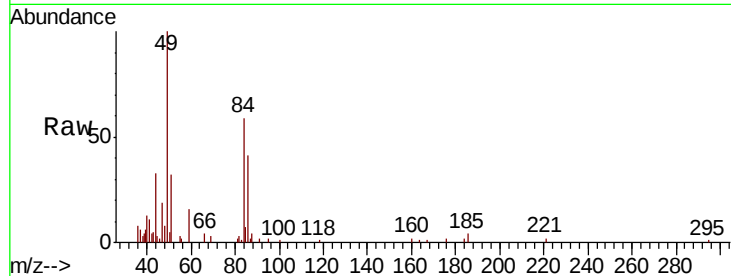
#20
Methvlene Chloride
Concen: 0.23 ppbv
RT: 4.45 min Scan# 1047
Delta R.T. -0.00 min
Lab File: VL032415.D
Acq: 20 Aug 2018 22:01

Instrument :
MSVOA_L
ClientSampleId :
SS-2DL

Tot Ion:	84	Resp:	14008
Ion	Ratio	Lower	Upper
84	100		
49	166.7	117.3	175.9
51	54.8	36.6	55.0
86	68.8	49.8	74.8

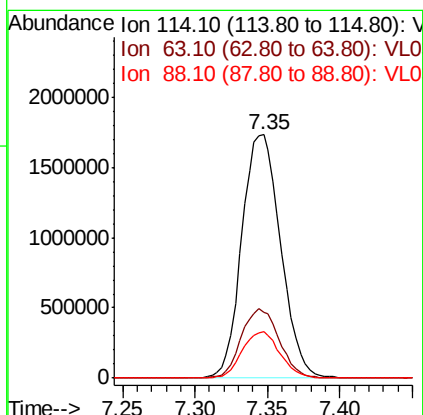
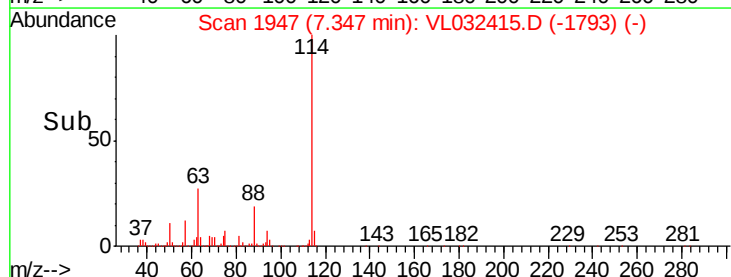
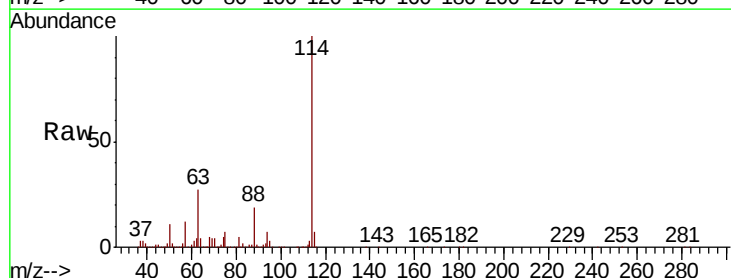
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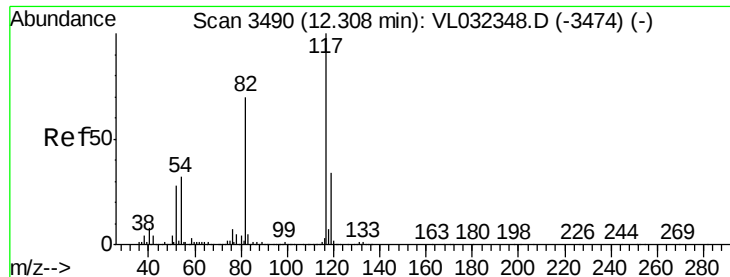
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#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.35 min Scan# 1947
Delta R.T. -0.01 min
Lab File: VL032415.D
Acq: 20 Aug 2018 22:01

Tgt Ion:	114	Resp:	3228495
Ion	Ratio	Lower	Upper
114	100		
63	28.1	22.0	33.0
88	18.6	15.3	22.9





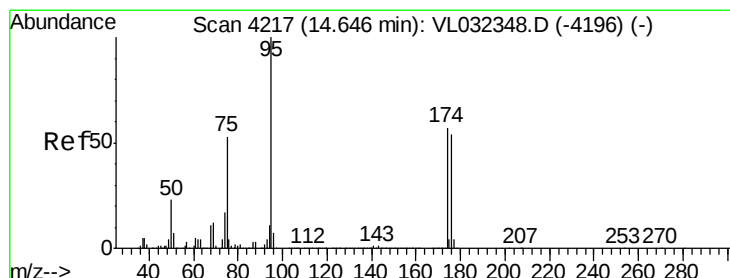
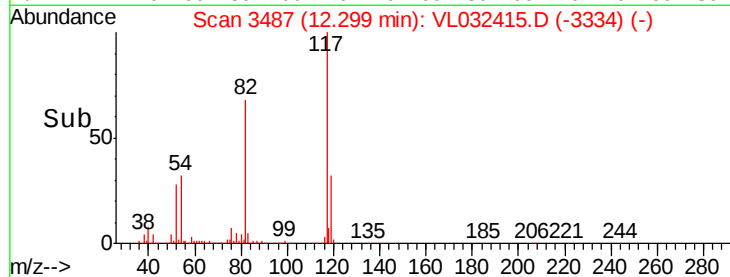
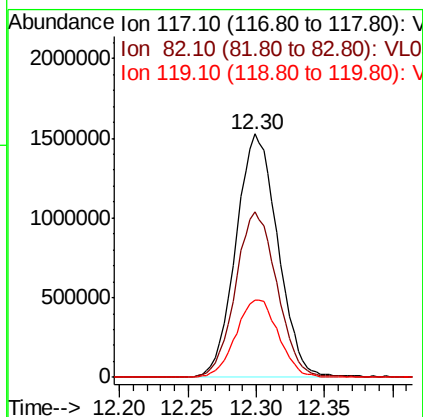
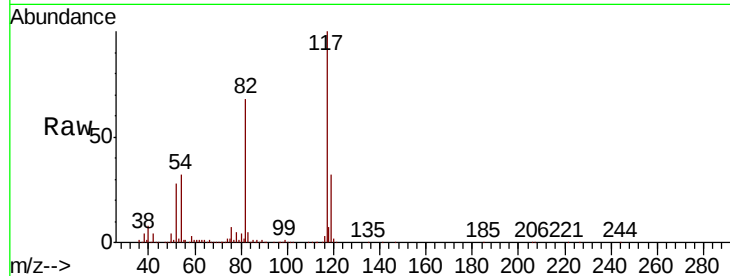
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.30 min Scan# 3487
Delta R.T. -0.01 min
Lab File: VL032415.D
Acq: 20 Aug 2018 22:01

Instrument :
MSVOA_L
ClientSampleId :
SS-2DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	68.0	55.1	82.7
119	32.4	46.0	69.0#

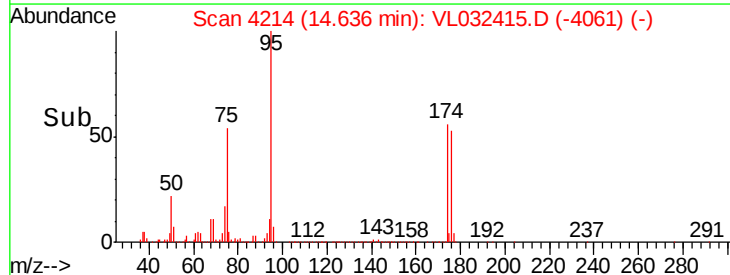
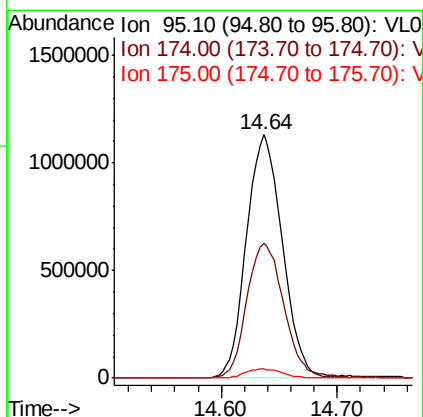
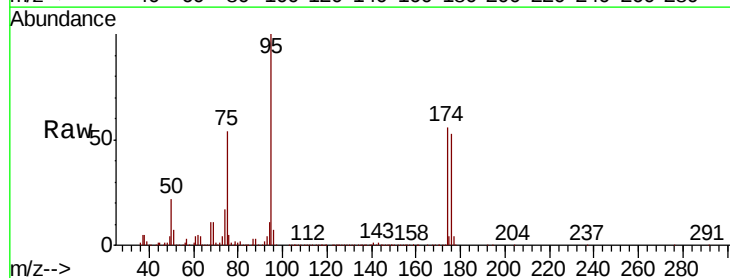
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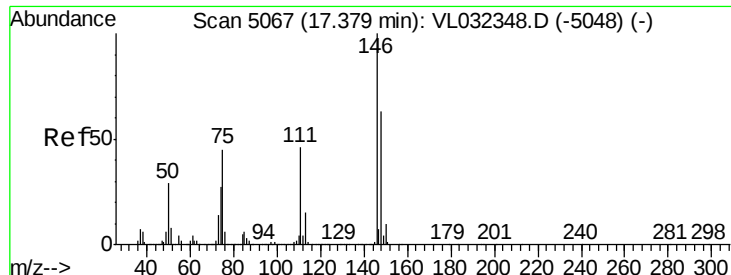
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.85 ppbv
RT: 14.64 min Scan# 4214
Delta R.T. -0.01 min
Lab File: VL032415.D
Acq: 20 Aug 2018 22:01

Tgt Ion	Ratio	Lower	Upper
95	100		
174	57.3	46.2	69.4
175	4.0	3.4	5.0





#76
 1,4-Dichlorobenzene
 Concen: 0.78 ppbv m
 RT: 17.37 min Scan# 5064
 Delta R.T. -0.01 min
 Lab File: VL032415.D
 Acq: 20 Aug 2018 22:01

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-2DL

Tot Ion	Ratio	Resp	Lower	Upper
146	100	165208		
111	45.7	23.8	71.4	
148	64.0	32.2	96.6	

Manual Integrations
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 8/22/2018 10:50:37 AM

