

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081618\
 Data File : VL032394.D
 Acq On : 17 Aug 2018 2:22
 Operator : SY/AP
 Sample : J4457-11DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS03-MIVIDL

Manual Integrations
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 8/20/2018 3:11:57 PM

Quant Time: Aug 17 04:15:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081518AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-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	1757244	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.35	114	3372812	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.30	117	3387547	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.64	95	2571393	9.95	ppbv	0.00	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.69	45	1503622	84.03	ppbv	96
15) Acetone	3.95	43	178099	1.07	ppbv	98
19) Isopropyl Alcohol	4.07	45	52858	0.47	ppbv #	87
29) Chloroform	5.90	83	57265	0.24	ppbv	100
35) Carbon Tetrachloride	7.19	117	27092m	0.14	ppbv	
52) Tetrachloroethene	11.44	164	524837	6.22	ppbv	95

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

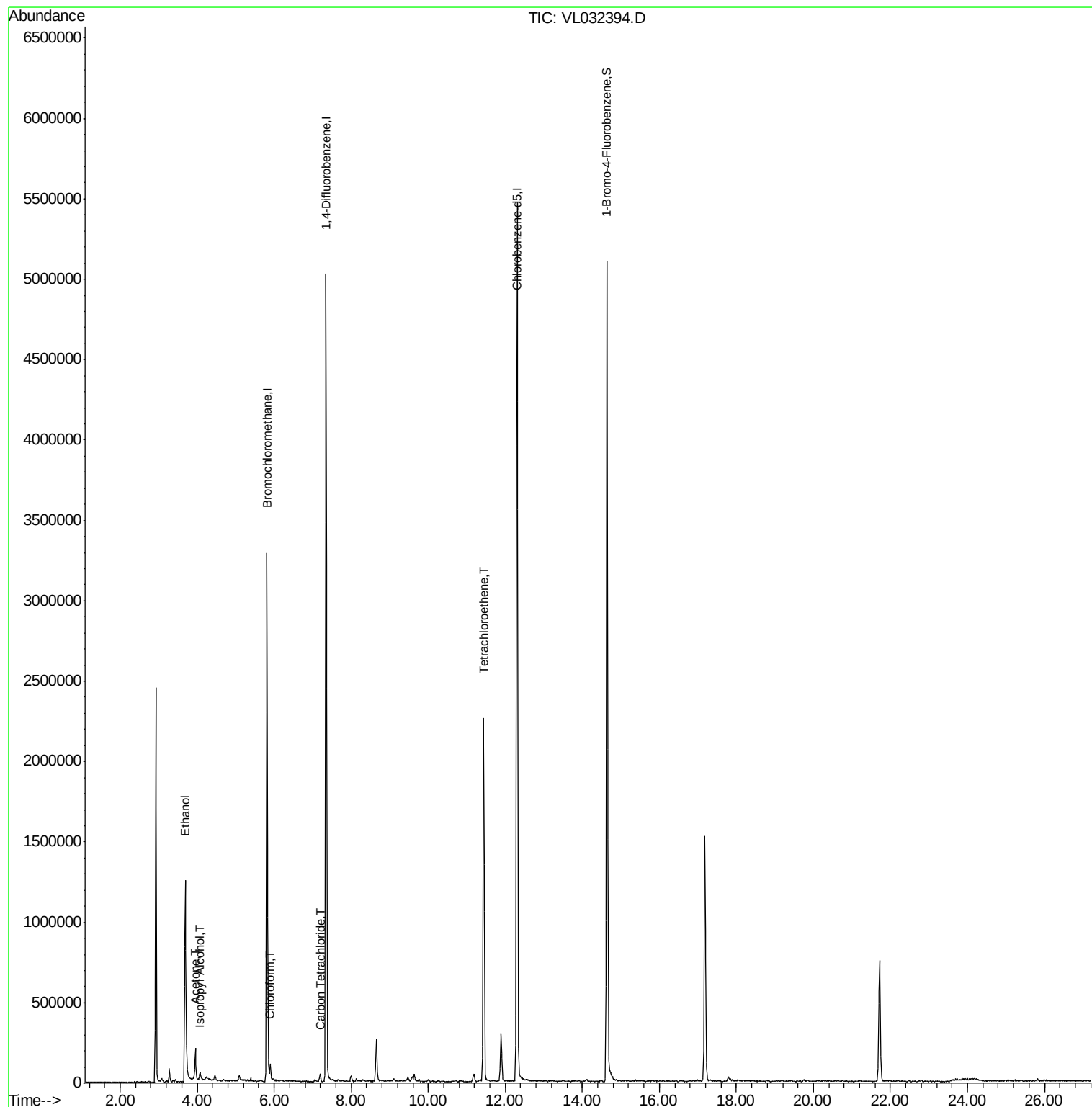
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL081618\
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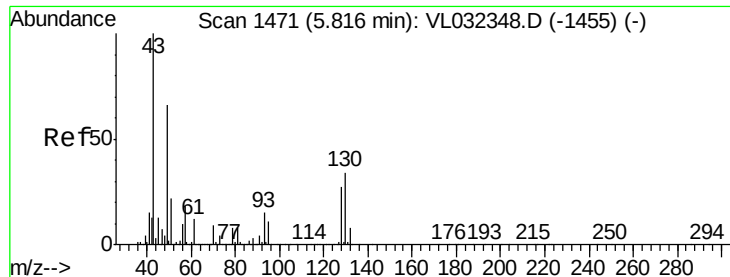
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL081518AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug
QLast Update : Wed Aug 15 14:58:02 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.81 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VL032394.D

Acq: 17 Aug 2018 2:22

Instrument :

MSVOA_L

ClientSampleId :

SS03-MIVIDL

Tot Ion: 49 Resp: 1757244

Ion Ratio Lower Upper

49 100

128 40.5 20.5 61.6

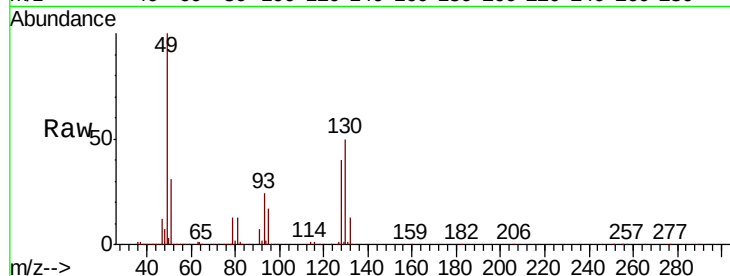
130 50.8 26.2 78.5

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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

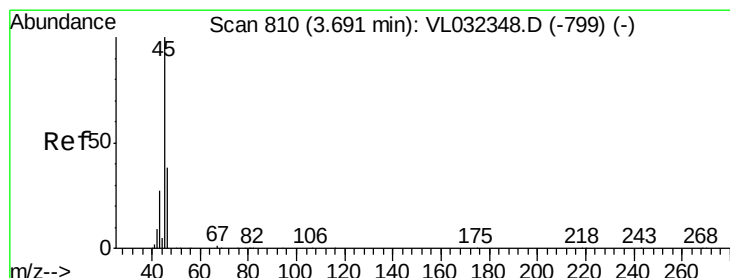
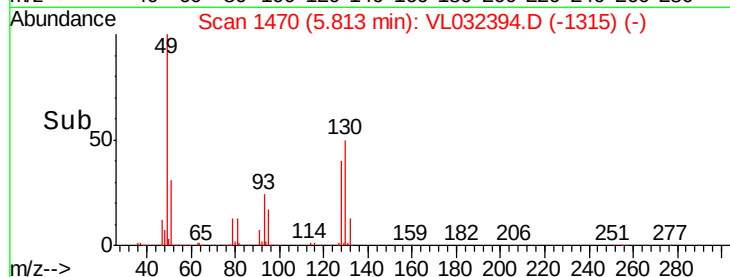
400000

200000

0

5.75 5.80 5.85 5.90

Time-->



#13

Ethanol

Concen: 84.03 ppbv

RT: 3.69 min Scan# 809

Delta R.T. -0.00 min

Lab File: VL032394.D

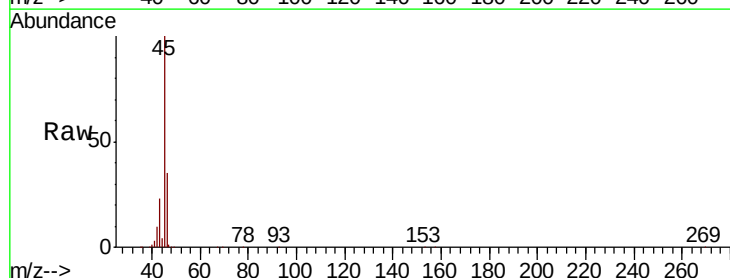
Acq: 17 Aug 2018 2:22

Tgt Ion: 45 Resp: 1503622

Ion Ratio Lower Upper

45 100

46 36.8 15.6 62.4



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

800000

600000

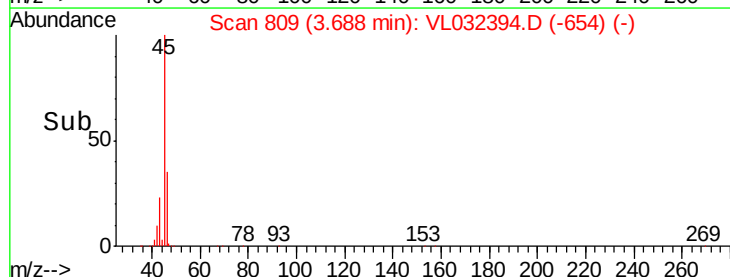
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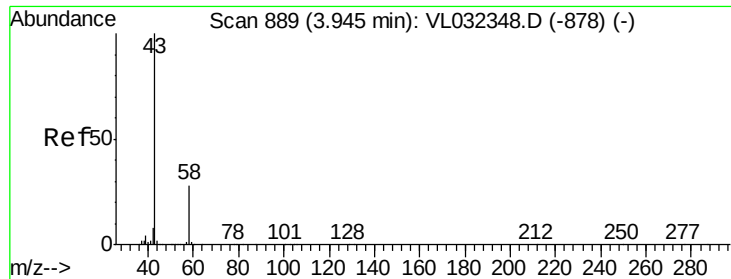
200000

0

3.60 3.65 3.70 3.75 3.80

Time-->





#15

Acetone

Concen: 1.07 ppbv

RT: 3.95 min Scan# 891

Delta R.T. 0.01 min

Lab File: VL032394.D

Acq: 17 Aug 2018 2:22

Instrument :

MSVOA_L

ClientSampleId :

SS03-MIVIDL

Tot Ion: 43 Resp: 178099

Ion Ratio Lower Upper

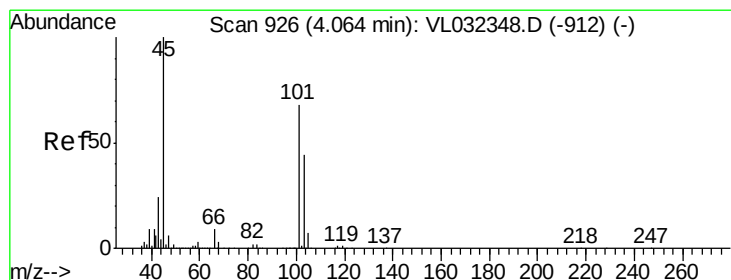
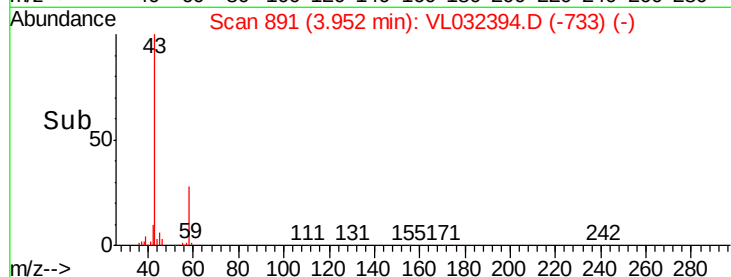
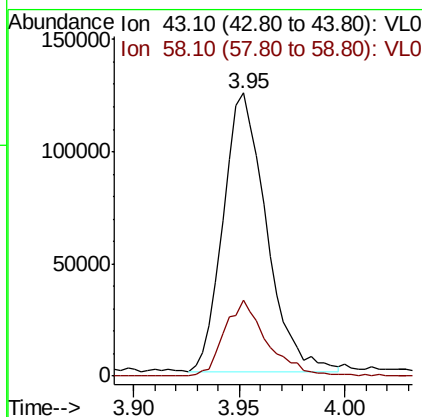
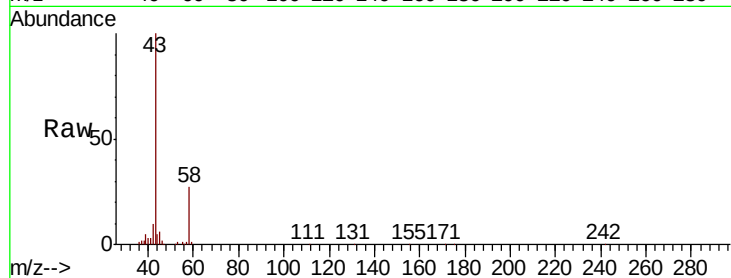
43 100

58 27.2 22.4 33.6

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#19

Isopropyl Alcohol

Concen: 0.47 ppbv

RT: 4.07 min Scan# 929

Delta R.T. 0.01 min

Lab File: VL032394.D

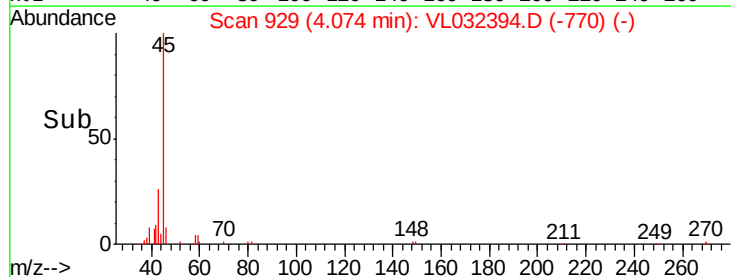
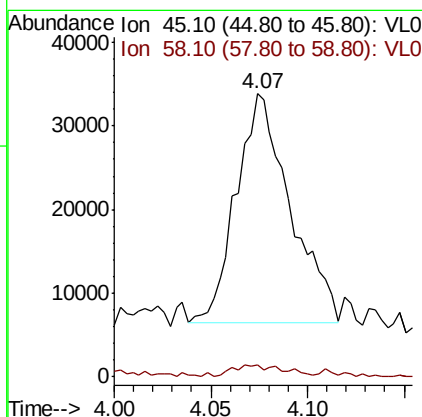
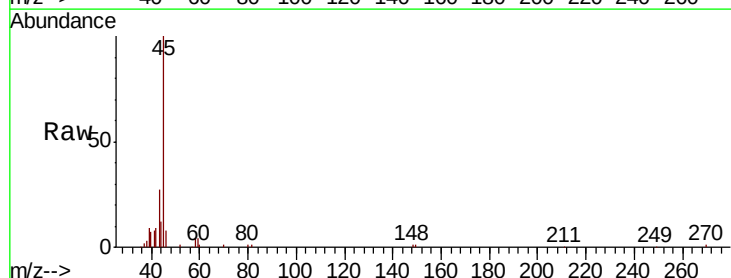
Acq: 17 Aug 2018 2:22

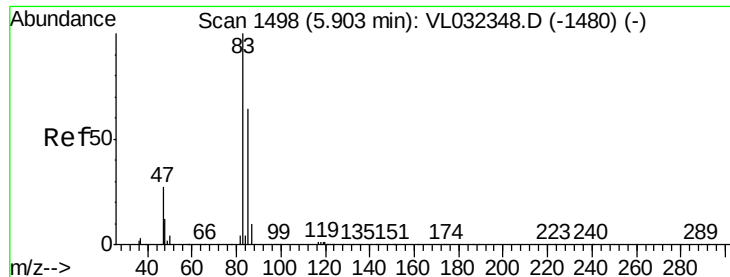
Tgt Ion: 45 Resp: 52858

Ion Ratio Lower Upper

45 100

58 6.5 1.4 2.0#





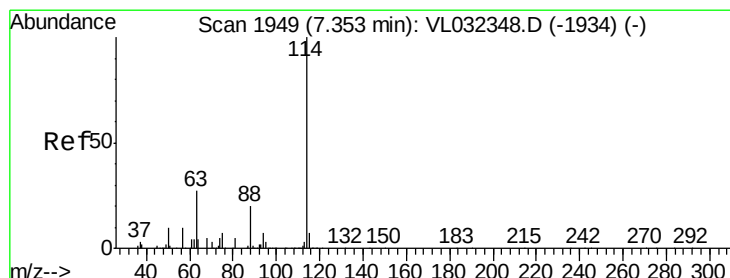
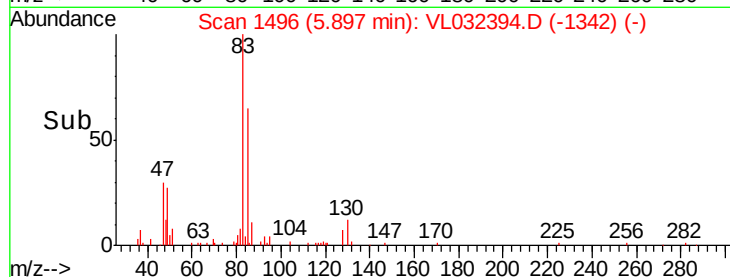
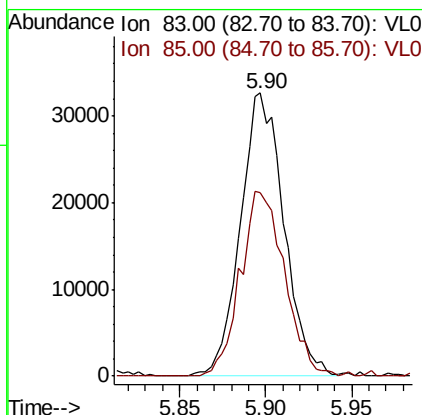
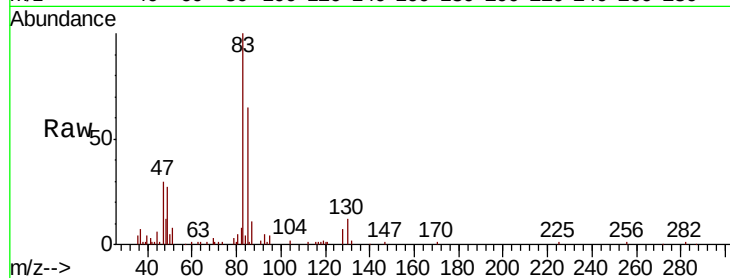
#29
Chloroform
Concen: 0.24 ppbv
RT: 5.90 min Scan# 1496
Delta R.T. -0.01 min
Lab File: VL032394.D
Acq: 17 Aug 2018 2:22

Instrument :
MSVOA_L
ClientSampleId :
SS03-MIVIDL

Tot Ion	83	Resp	57265
Ion Ratio	100	Lower	Upper
83	100		
85	64.7	51.6	77.4

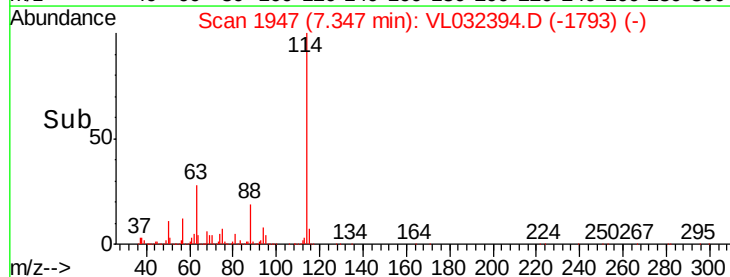
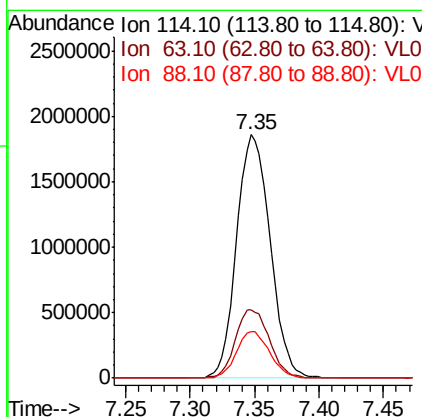
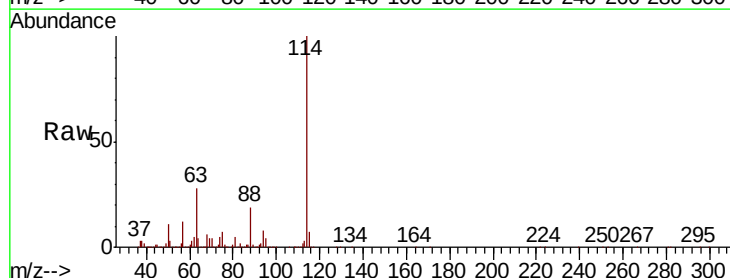
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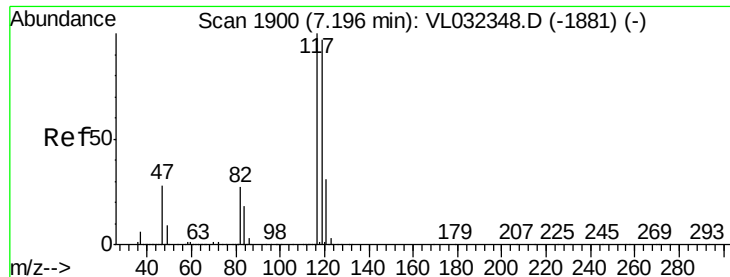
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#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.35 min Scan# 1947
Delta R.T. -0.01 min
Lab File: VL032394.D
Acq: 17 Aug 2018 2:22

Tgt Ion	114	Resp	3372812
Ion Ratio	100	Lower	Upper
114	100		
63	28.5	22.0	33.0
88	18.9	15.3	22.9





#35

Carbon Tetrachloride

Concen: 0.14 ppbv m

RT: 7.19 min Scan# 1899

Delta R.T. -0.00 min

Lab File: VL032394.D

Acq: 17 Aug 2018 2:22

Instrument :

MSVOA_L

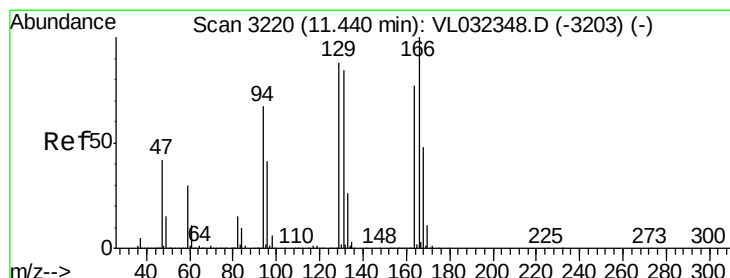
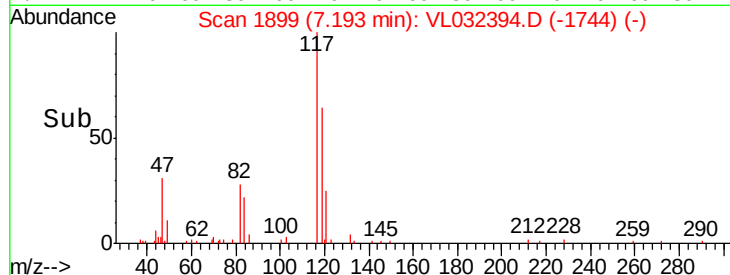
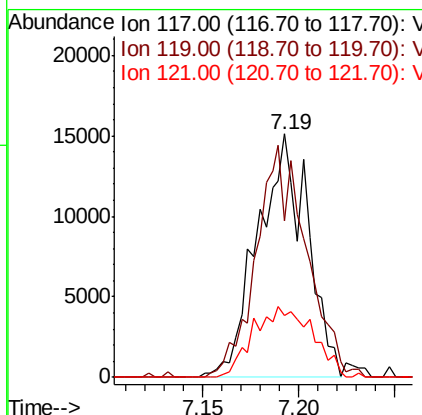
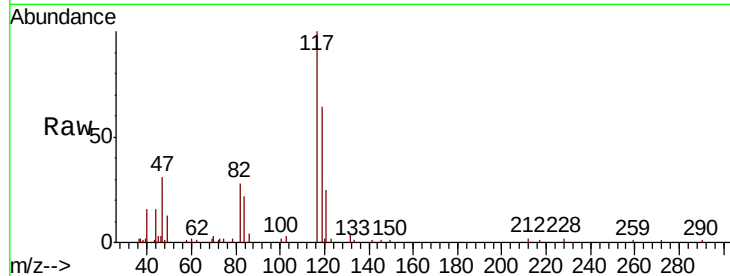
ClientSampleId :

SS03-MIVIDL

Tot Ion	Ratio	Lower	Upper
117	100		
119	64.4	77.2	115.8#
121	25.5	25.1	37.7

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#52

Tetrachloroethene

Concen: 6.22 ppbv

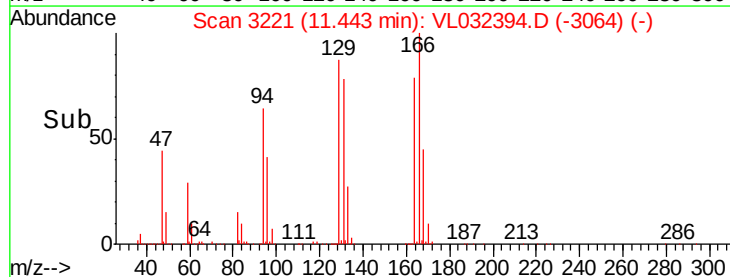
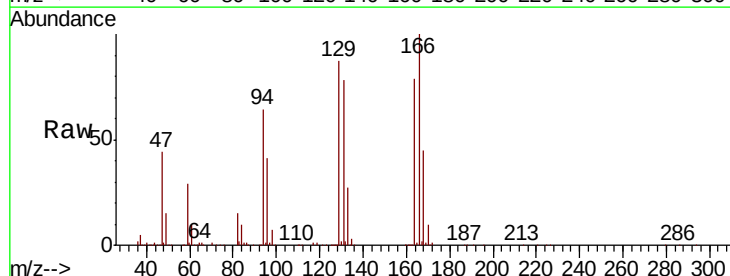
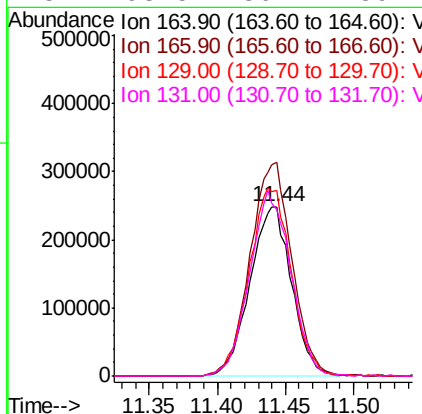
RT: 11.44 min Scan# 3221

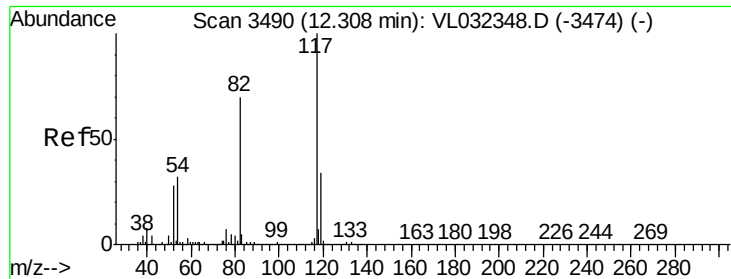
Delta R.T. 0.00 min

Lab File: VL032394.D

Acq: 17 Aug 2018 2:22

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.0	103.5	155.3
129	109.2	90.9	136.3
131	98.5	86.7	130.1





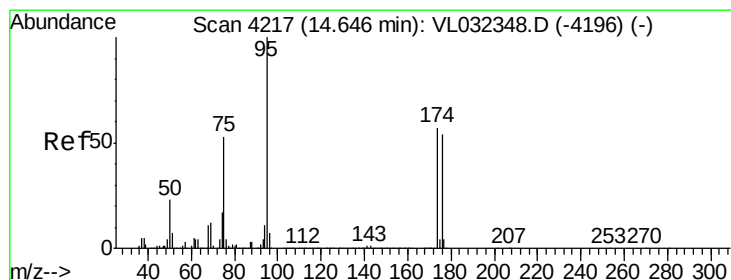
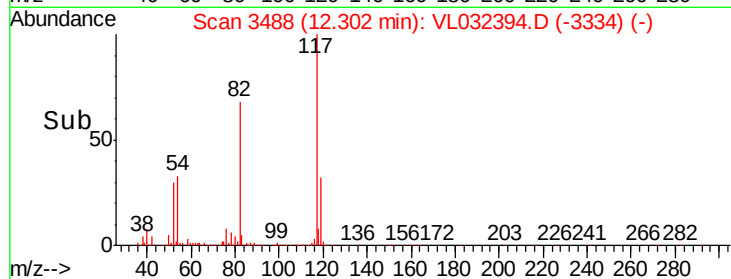
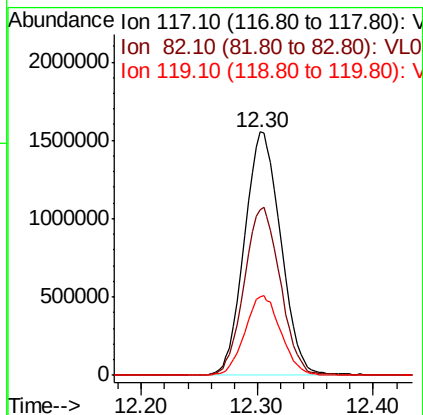
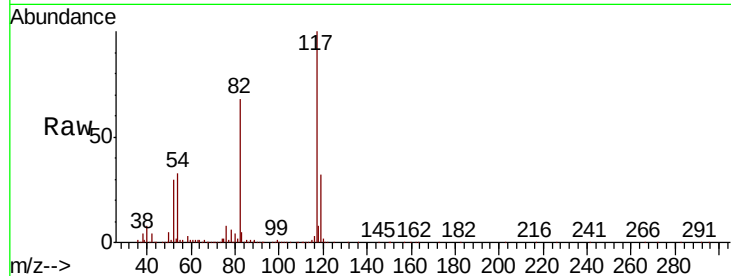
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.30 min Scan# 3488
Delta R.T. -0.01 min
Lab File: VL032394.D
Acq: 17 Aug 2018 2:22

Instrument :
MSVOA_L
ClientSampleId :
SS03-MIVIDL

Tot Ion	Ratio	Lower	Upper
117	100		
82	68.6	55.1	82.7
119	32.5	46.0	69.0#

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.95 ppbv
RT: 14.64 min Scan# 4215
Delta R.T. -0.01 min
Lab File: VL032394.D
Acq: 17 Aug 2018 2:22

Tgt Ion	Ratio	Lower	Upper
95	100		
174	57.1	46.2	69.4
175	4.1	3.4	5.0

