

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081618\
 Data File : VL032389.D
 Acq On : 16 Aug 2018 23:04
 Operator : SY/AP
 Sample : J4457-07DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG07-MIVIDL

Manual Integrations
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Quant Time: Aug 22 16:37:59 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	1830245	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.35	114	3454840	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.30	117	3527531	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.64	95	2713636	10.08	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.07	41	298872	4.12	ppbv	91
10) Heptane	8.31	43	23250	0.11	ppbv	88
13) Ethanol	3.70	45	112422m	6.03	ppbv	
15) Acetone	3.94	43	1168971	6.72	ppbv	99
19) Isopropyl Alcohol	4.07	45	13357367	114.07	ppbv #	98
26) Hexane	5.83	57	69243	0.42	ppbv #	54
34) 2-Butanone	5.38	43	164674	0.70	ppbv	98
53) Toluene	10.01	91	161491	0.50	ppbv	93
59) m/p-Xylene	13.19	91	79260m	0.22	ppbv	
75) 1,3-Dichlorobenzene	17.23	146	68805	0.28	ppbv	75

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

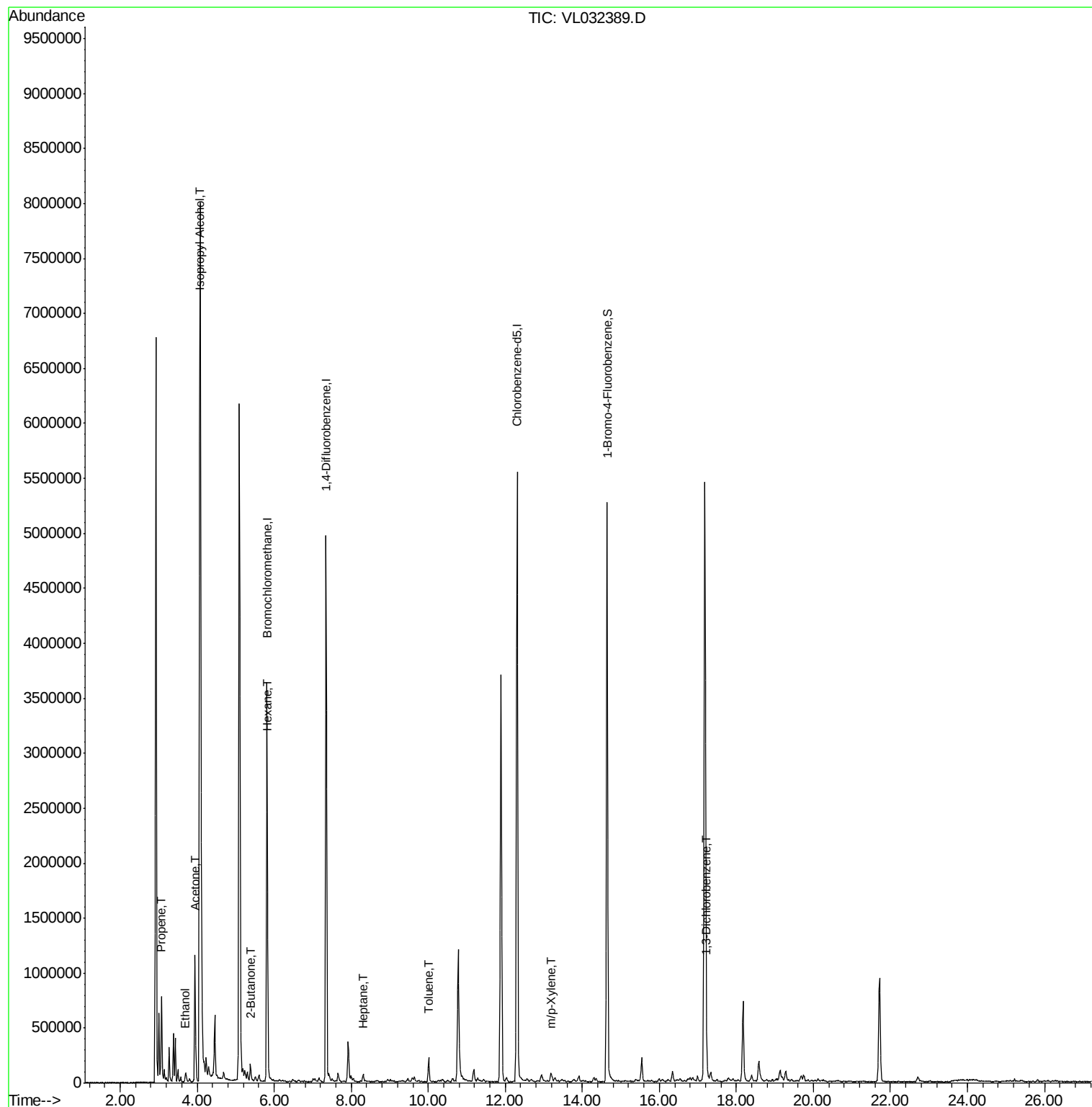
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL081618\
Data File : VL032389.D
Acq On : 16 Aug 2018 23:04
Operator : SY/AP
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Misc : 400ml/MSVOA L
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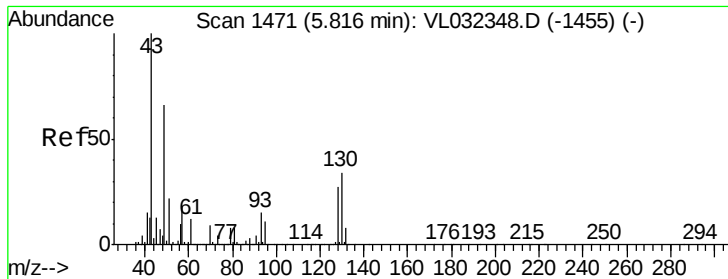
Instrument :
MSVOA_L
ClientSampleId :
SG07-MIVIDL

Manual Integrations
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Quant Time: Aug 22 16:37:59 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# 1470

Delta R.T. -0.00 min

Lab File: VL032389.D

Acq: 16 Aug 2018 23:04

Instrument :

MSVOA_L

ClientSampleId :

SG07-MIVIDL

Tot Ion: 49 Resp: 1830245

Ion Ratio Lower Upper

49 100

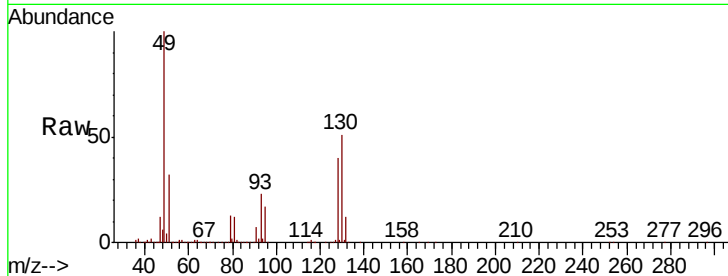
128 40.6 20.5 61.6

130 51.6 26.2 78.5

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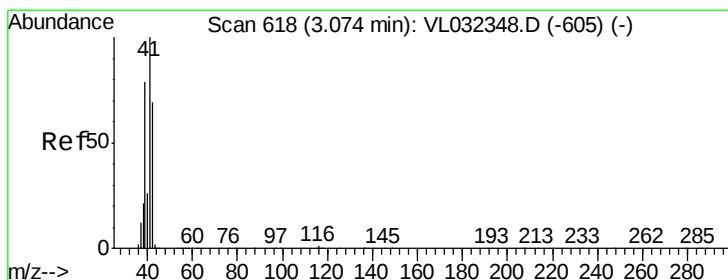
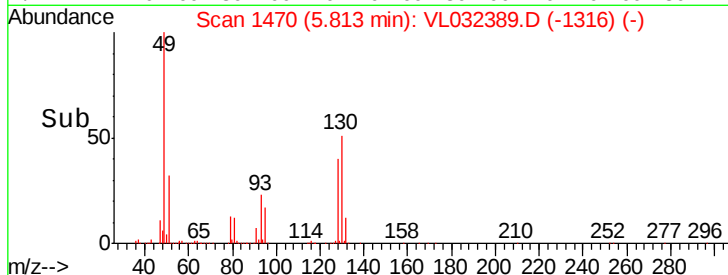
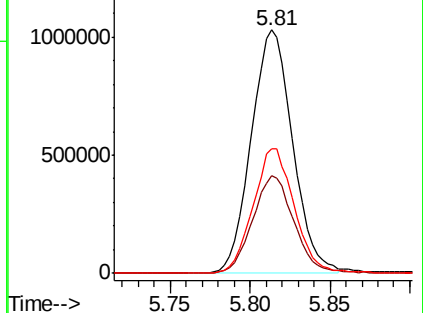
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 4.12 ppbv

RT: 3.07 min Scan# 617

Delta R.T. -0.00 min

Lab File: VL032389.D

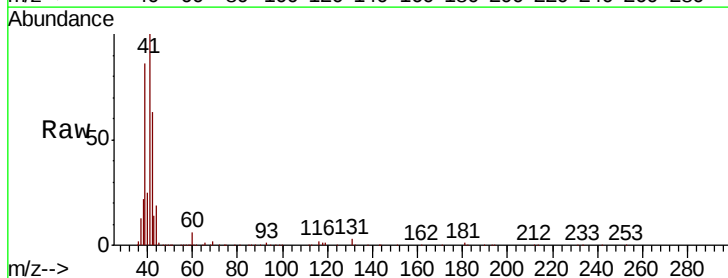
Acq: 16 Aug 2018 23:04

Tgt Ion: 41 Resp: 298872

Ion Ratio Lower Upper

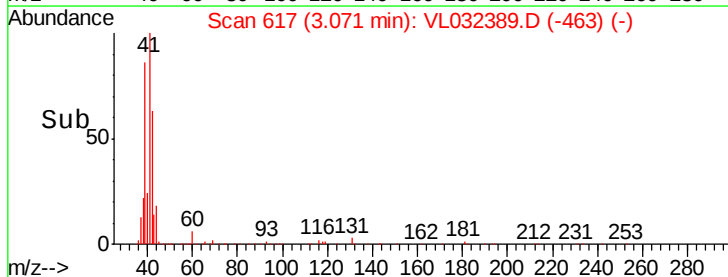
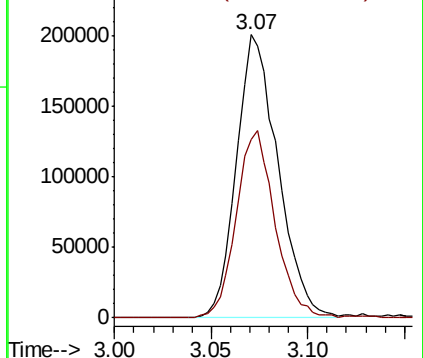
41 100

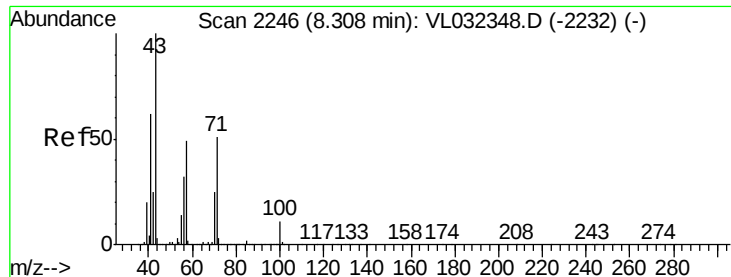
42 62.3 55.9 83.9



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





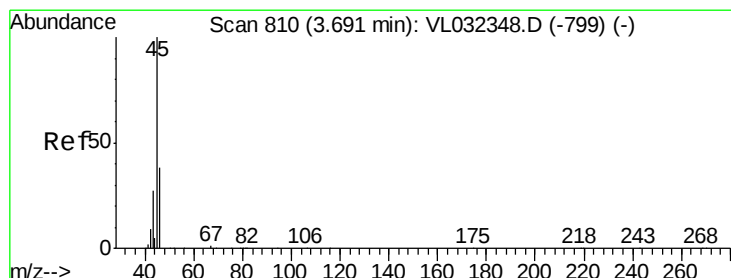
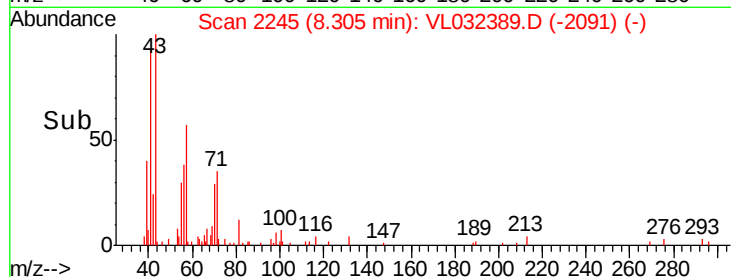
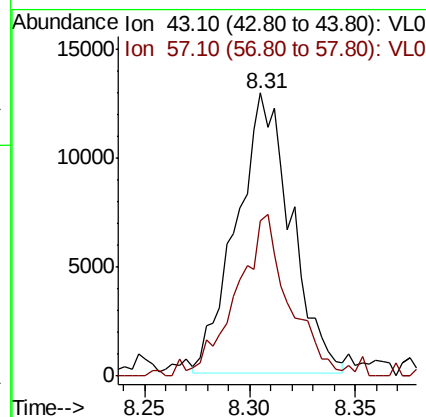
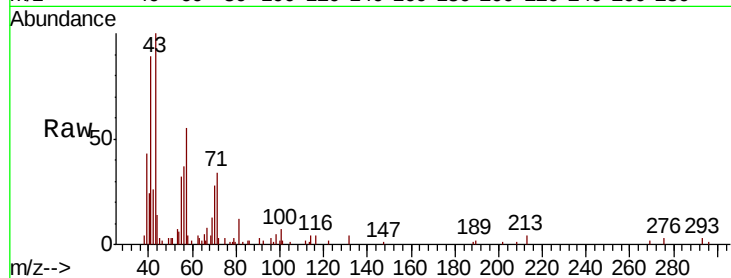
#10
Heptane
Concen: 0.11 ppbv
RT: 8.31 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VL032389.D
Acq: 16 Aug 2018 23:04

Instrument :
MSVOA_L
ClientSampleId :
SG07-MIVIDL

Tot Ion	43.10	Resp	23250
Ion Ratio	43	100	
Lower	57	57.5	39.5
Upper			59.3

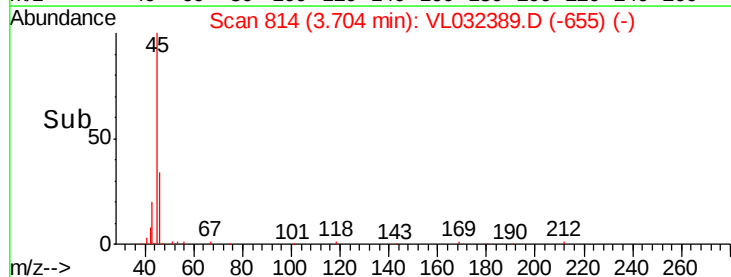
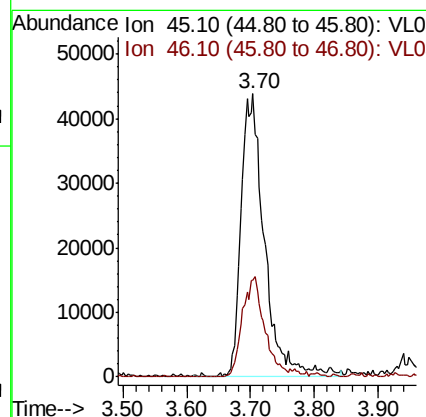
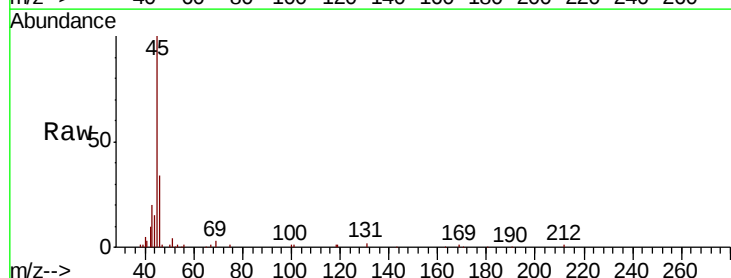
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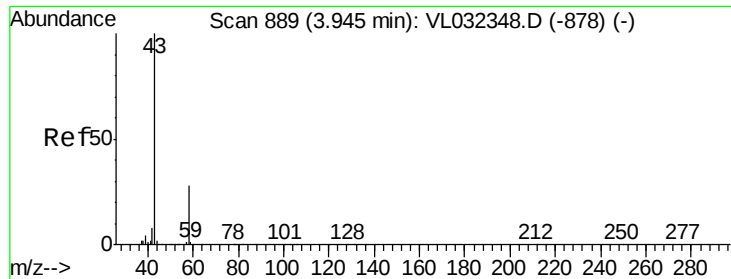
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#13
Ethanol
Concen: 6.03 ppbv m
RT: 3.70 min Scan# 814
Delta R.T. 0.01 min
Lab File: VL032389.D
Acq: 16 Aug 2018 23:04

Tgt Ion	45	Resp	112422
Ion Ratio	45	100	
Lower	46	0.0	15.6
Upper			62.4#





#15

Acetone

Concen: 6.72 ppbv

RT: 3.94 min Scan# 888

Delta R.T. -0.00 min

Lab File: VL032389.D

Acq: 16 Aug 2018 23:04

Instrument :

MSVOA_L

ClientSampleId :

SG07-MIVIDL

Tot Ion: 43 Resp: 1168971

Ion Ratio Lower Upper

43 100

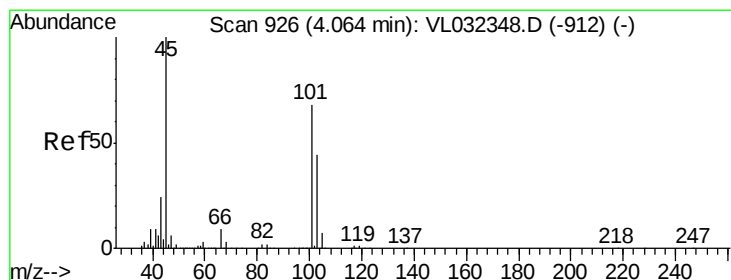
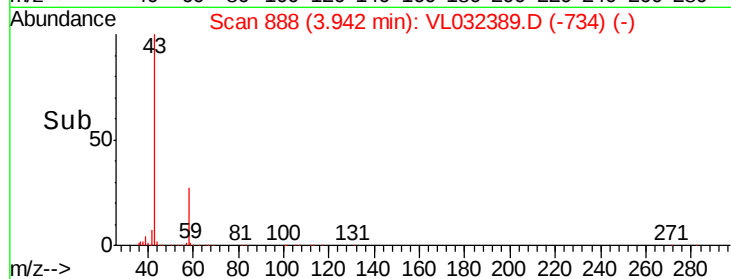
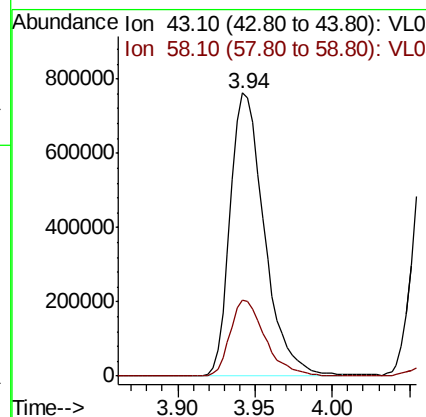
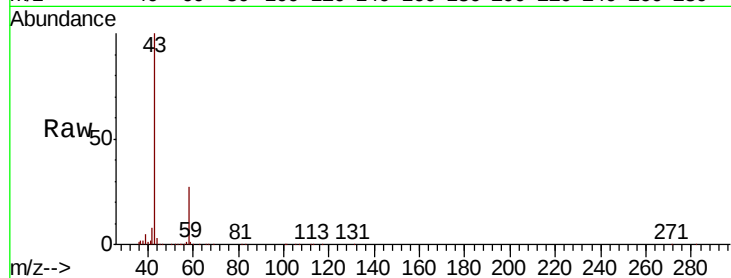
58 27.6 22.4 33.6

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#19

Isopropyl Alcohol

Concen: 114.07 ppbv

RT: 4.07 min Scan# 929

Delta R.T. 0.01 min

Lab File: VL032389.D

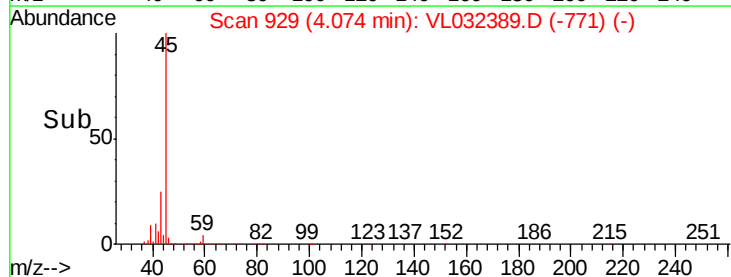
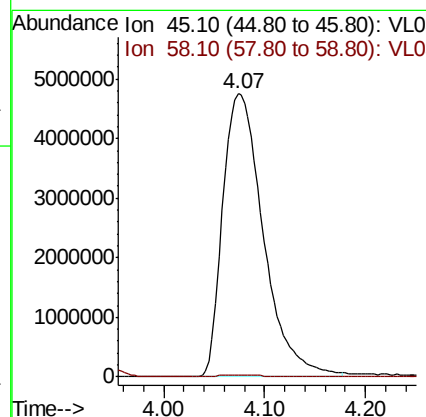
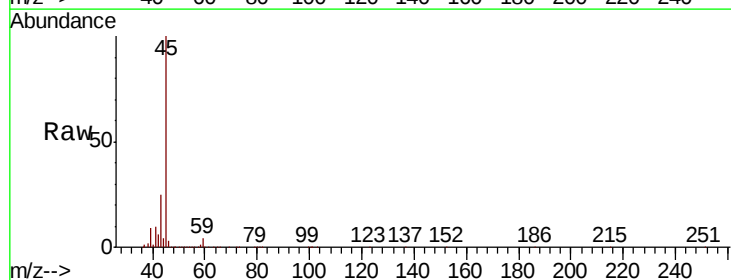
Acq: 16 Aug 2018 23:04

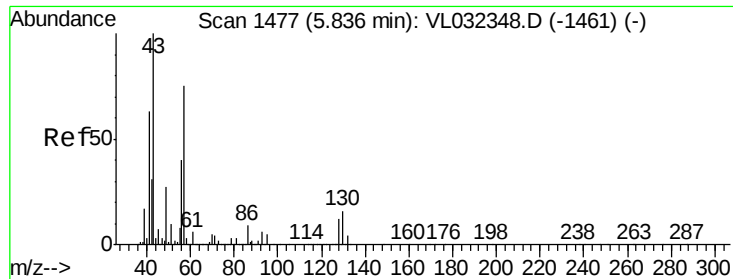
Tgt Ion: 45 Resp: 13357367

Ion Ratio Lower Upper

45 100

58 0.9 1.4 2.0#





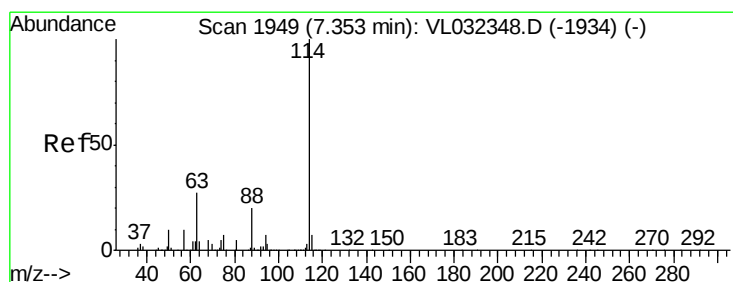
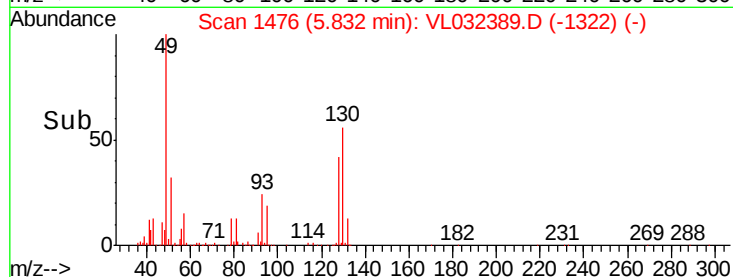
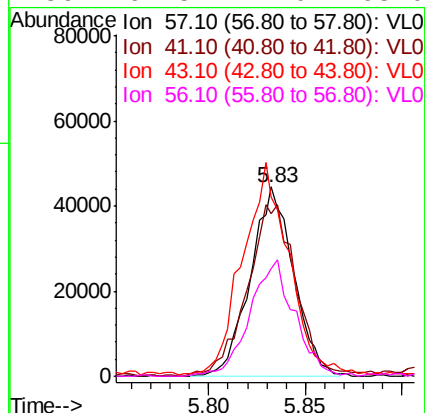
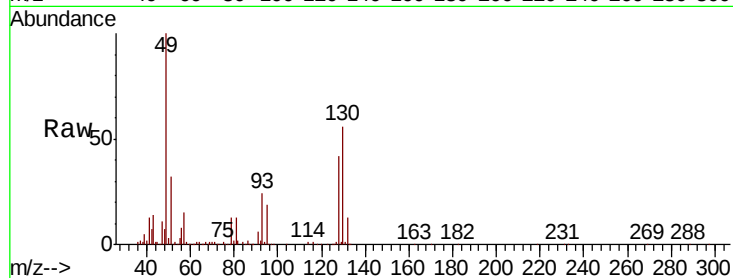
#26
Hexane
Concen: 0.42 ppbv
RT: 5.83 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VL032389.D
Acq: 16 Aug 2018 23:04

Instrument :
MSVOA_L
ClientSampleId :
SG07-MIVIDL

Tot Ion	Ratio	Lower	Upper
57	100		
41	102.1	68.0	102.0#
43	117.7	175.3	262.9#
56	64.5	42.0	63.0#

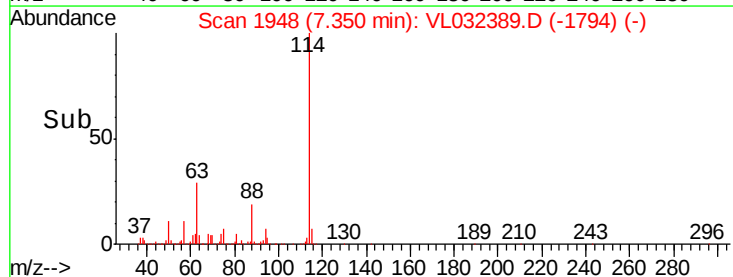
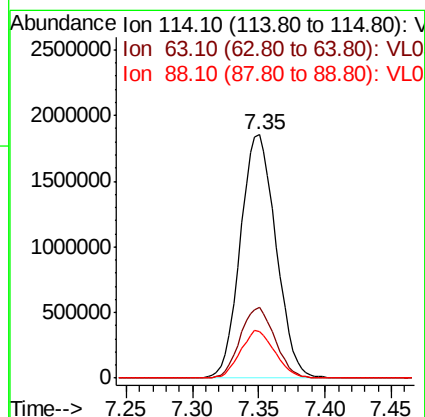
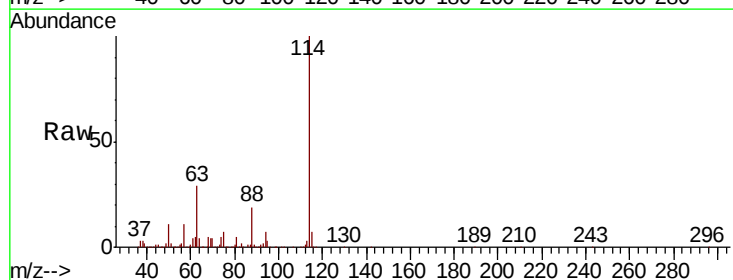
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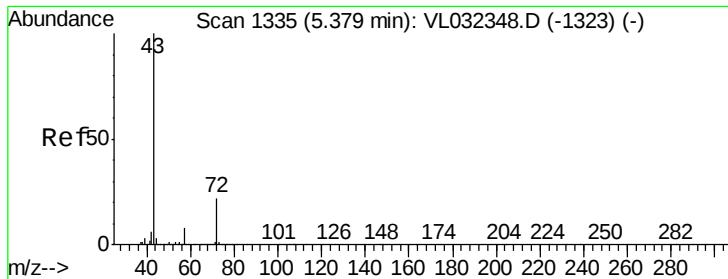
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#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.35 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VL032389.D
Acq: 16 Aug 2018 23:04

Tgt Ion	Ratio	Lower	Upper
114	100		
63	28.5	22.0	33.0
88	19.0	15.3	22.9





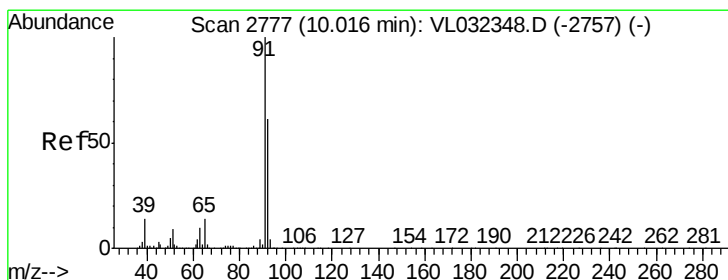
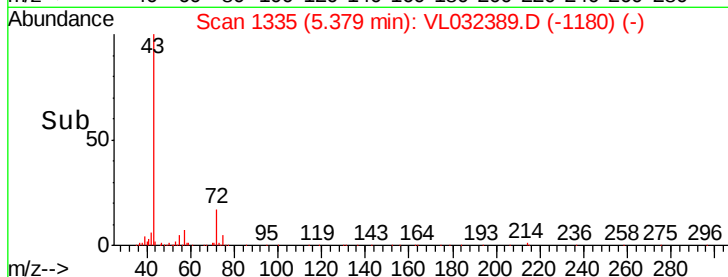
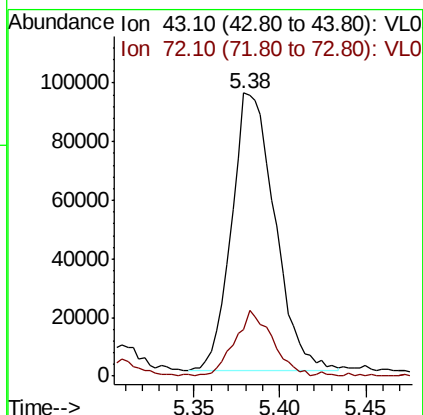
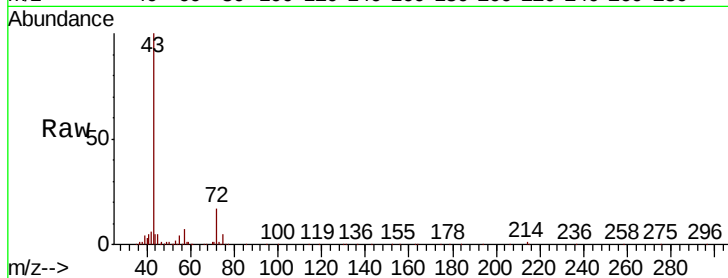
#34
 2-Butanone
 Concen: 0.70 ppbv
 RT: 5.38 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: VL032389.D
 Acq: 16 Aug 2018 23:04

Instrument :
 MSVOA_L
 ClientSampleId :
 SG07-MIVIDL

Tot Ion	43	Resp	164674
Ion Ratio	Lower	Upper	
43	100		
72	21.6	17.9	26.9

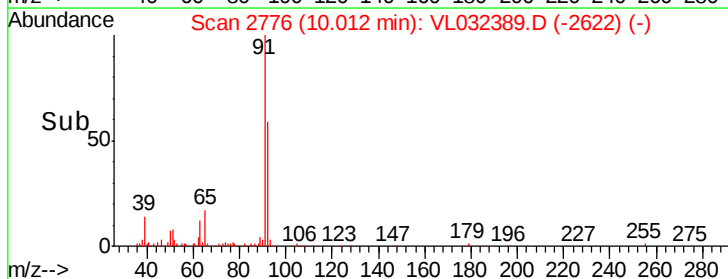
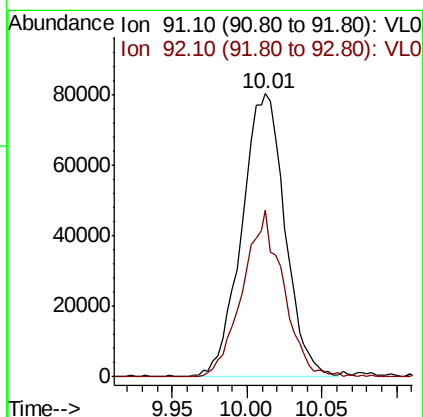
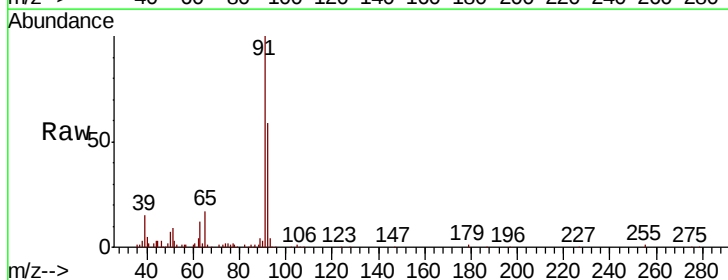
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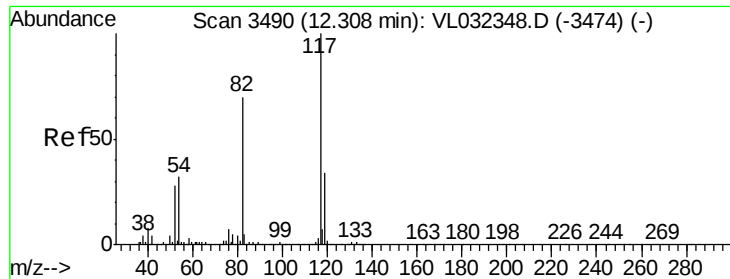
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#53
 Toluene
 Concen: 0.50 ppbv
 RT: 10.01 min Scan# 2776
 Delta R.T. -0.00 min
 Lab File: VL032389.D
 Acq: 16 Aug 2018 23:04

Tgt Ion	91	Resp	161491
Ion Ratio	Lower	Upper	
91	100		
92	55.6	48.7	73.1





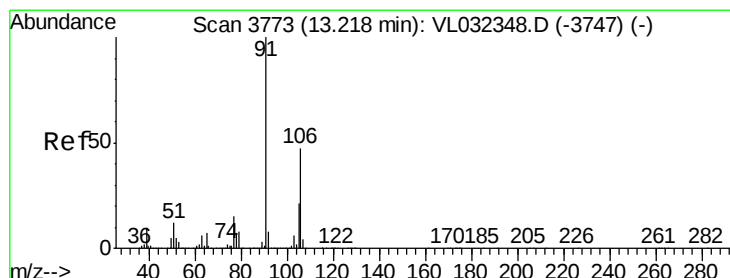
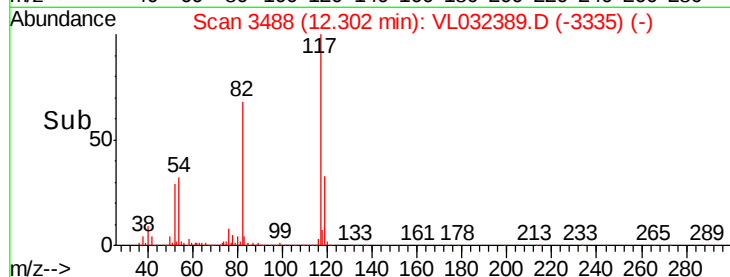
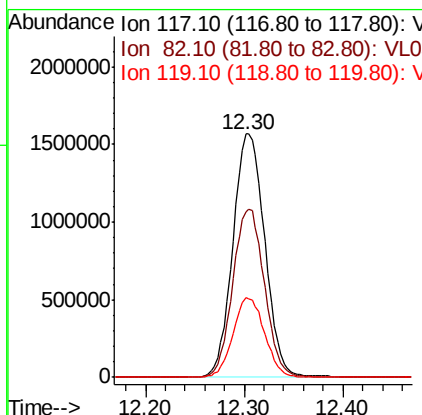
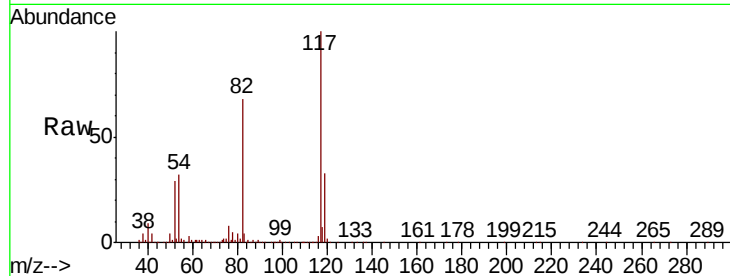
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.30 min Scan# 3488
Delta R.T. -0.01 min
Lab File: VL032389.D
Acq: 16 Aug 2018 23:04

Instrument :
MSVOA_L
ClientSampleId :
SG07-MIVIDL

Tot Ion	Ratio	Lower	Upper
117	100		
82	68.7	55.1	82.7
119	32.5	46.0	69.0

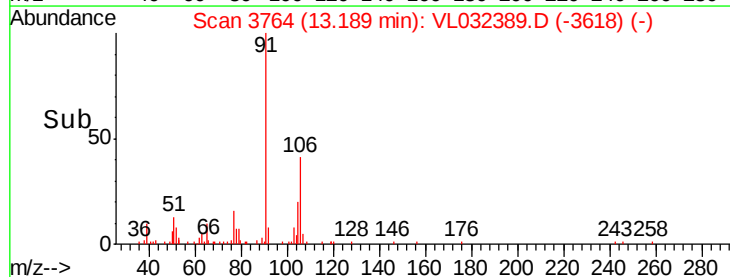
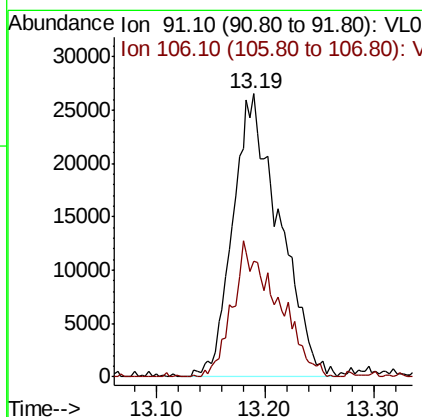
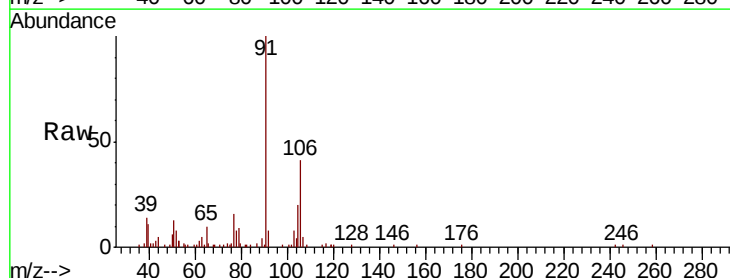
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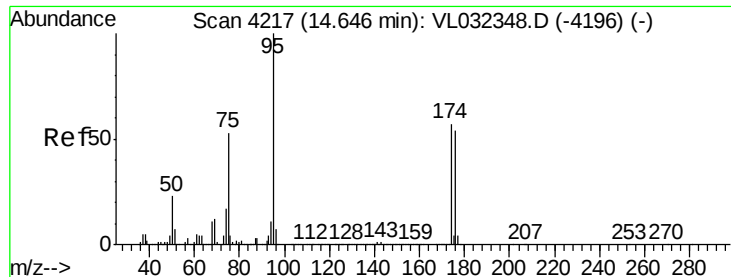
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#59
m/p-Xylene
Concen: 0.22 ppbv m
RT: 13.19 min Scan# 3764
Delta R.T. -0.03 min
Lab File: VL032389.D
Acq: 16 Aug 2018 23:04

Tgt Ion	Ratio	Lower	Upper
91	100		
106	0.0	37.0	55.4





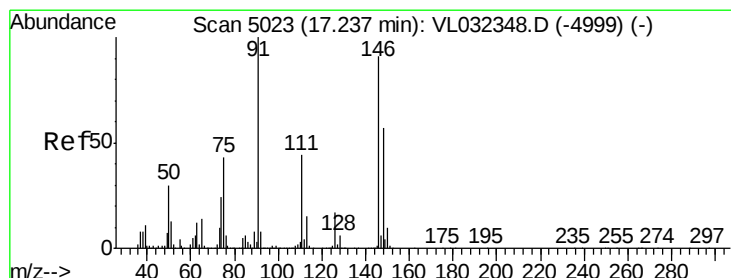
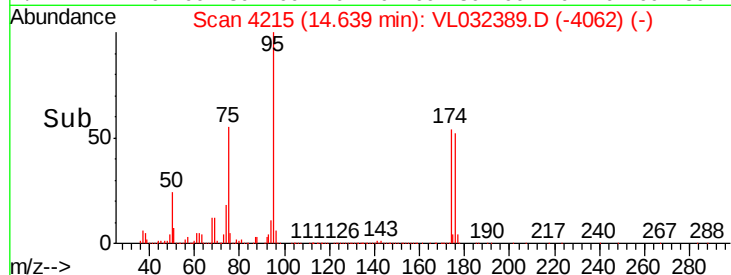
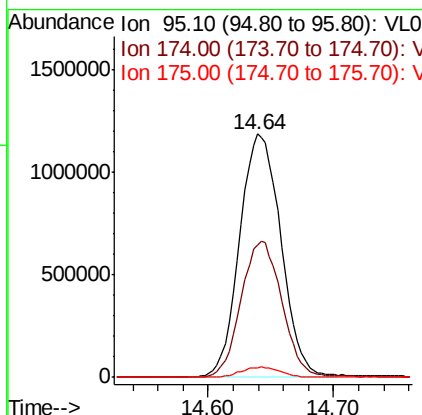
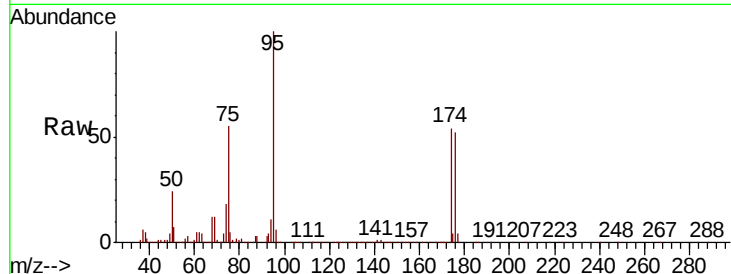
#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.08 ppbv
 RT: 14.64 min Scan# 4215
 Delta R.T. -0.01 min
 Lab File: VL032389.D
 Acq: 16 Aug 2018 23:04

Instrument :
 MSVOA_L
 ClientSampleID :
 SG07-MIVIDL

Tot Ion: 95 Resp: 2713636
 Ion Ratio Lower Upper
 95 100
 174 56.1 46.2 69.4
 175 4.1 3.4 5.0

Manual Integrations
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#75
 1,3-Dichlorobenzene
 Concen: 0.28 ppbv
 RT: 17.23 min Scan# 5021
 Delta R.T. -0.01 min
 Lab File: VL032389.D
 Acq: 16 Aug 2018 23:04

Tgt Ion: 146 Resp: 68805
 Ion Ratio Lower Upper
 146 100
 111 60.7 24.6 73.8
 148 88.1 32.0 96.0

