

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081618\
 Data File : VL032401.D
 Acq On : 17 Aug 2018 10:05
 Operator : SY/AP
 Sample : J4457-03DL2 400X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG06-MIVIDL2

Manual Integrations
 APPROVED

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 8/20/2018 3:12:05 PM

Quant Time: Aug 20 12:33:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081518AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed 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	1766343	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.35	114	3628510	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.30	117	3344077	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.64	95	2564567	10.05	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.08	41	258333m	3.69	ppbv	
26) Hexane	5.83	57	245806	1.53	ppbv #	42
30) Cyclohexane	7.31	84	114761	0.94	ppbv #	63

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

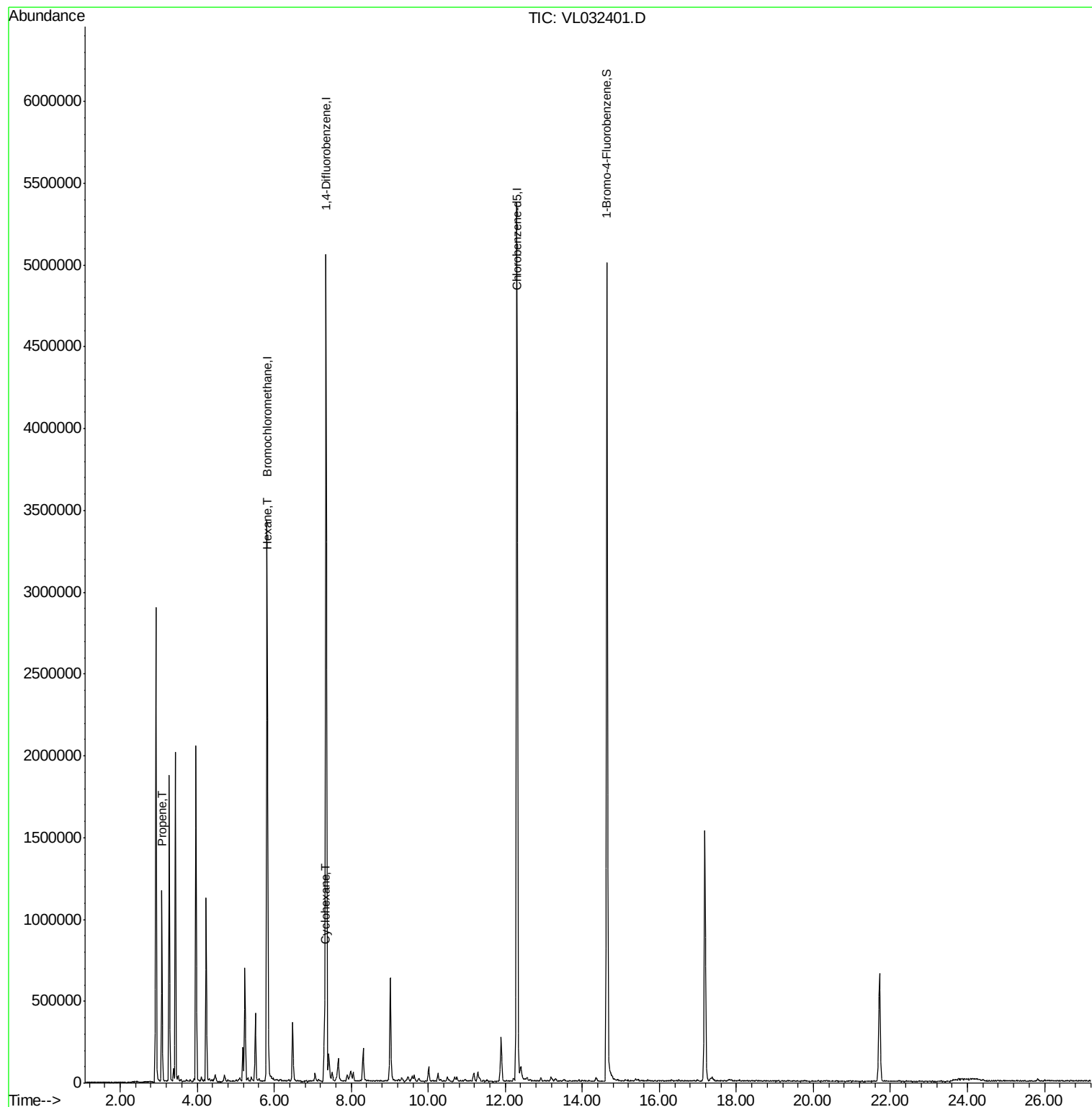
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL081618\
Data File : VL032401.D
Acq On : 17 Aug 2018 10:05
Operator : SY/AP
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Misc : 400ml/MSVOA L
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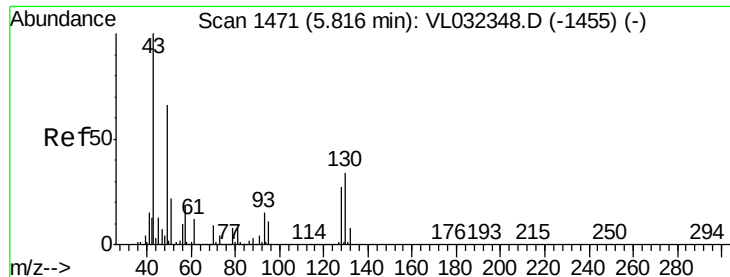
Instrument :
MSVOA_L
ClientSampleId :
SG06-MIVIDL2

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Quant Time: Aug 20 12:33:38 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: VL032401.D

Acq: 17 Aug 2018 10:05

Instrument :

MSVOA_L

ClientSampleId :

SG06-MIVIDL2

Tot Ion: 49 Resp: 1766343

Ion Ratio Lower Upper

49 100

128 40.9 20.5 61.6

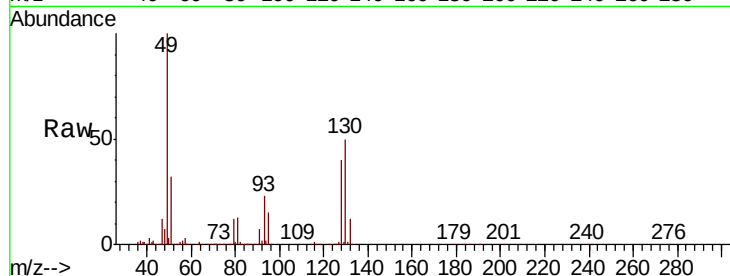
130 51.6 26.2 78.5

Manual Integrations

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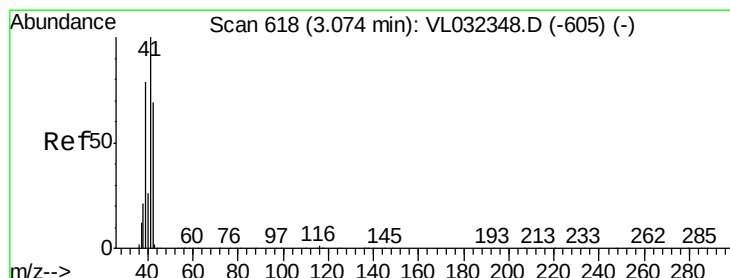
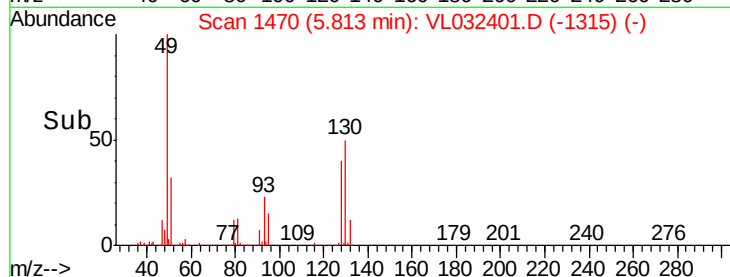
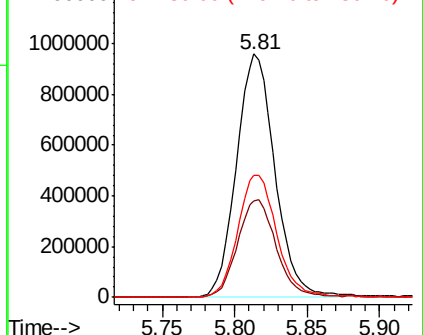
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 3.69 ppbv m

RT: 3.08 min Scan# 621

Delta R.T. 0.01 min

Lab File: VL032401.D

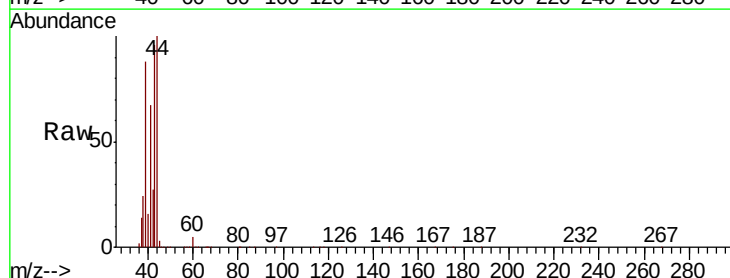
Acq: 17 Aug 2018 10:05

Tgt Ion: 41 Resp: 258333

Ion Ratio Lower Upper

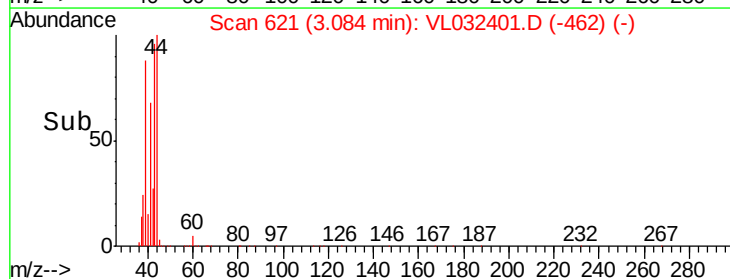
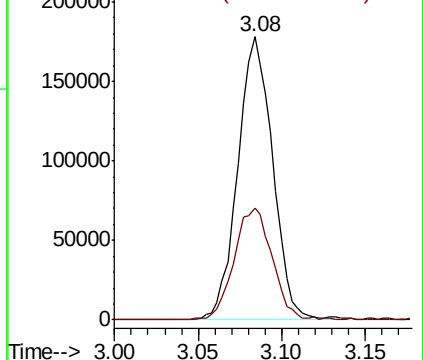
41 100

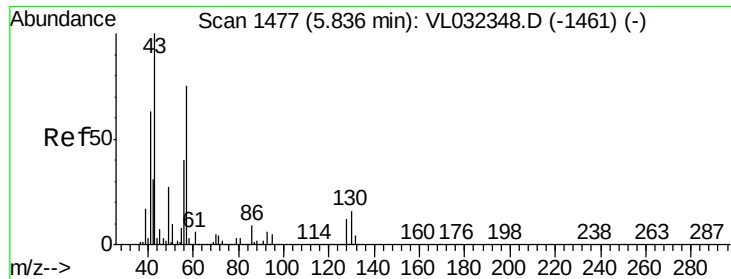
42 140.8 55.9 83.9#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





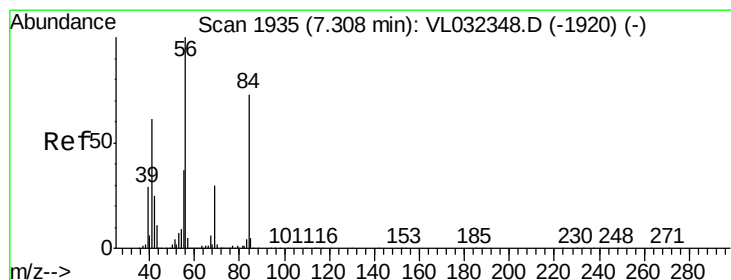
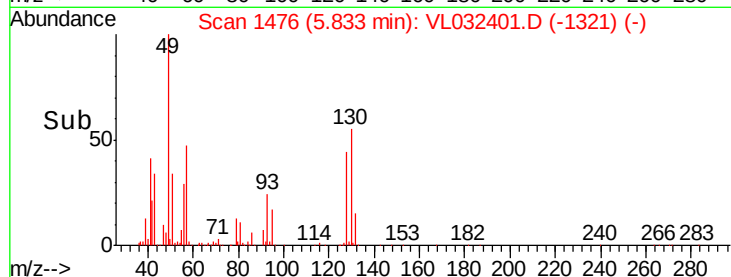
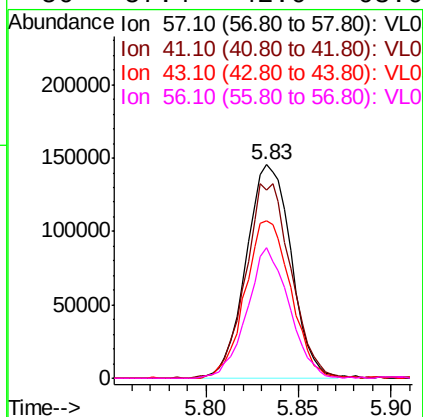
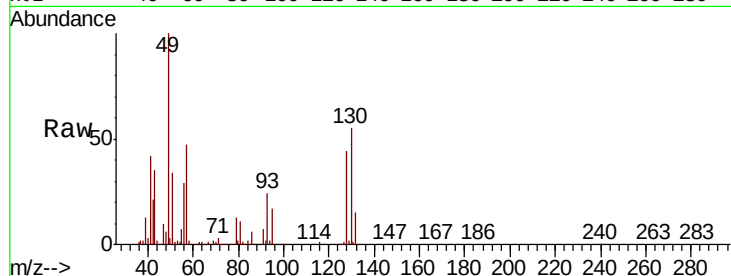
#26
Hexane
Concen: 1.53 ppbv
RT: 5.83 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VL032401.D
Acq: 17 Aug 2018 10:05

Instrument :
MSVOA_L
ClientSampleId :
SG06-MIVIDL2

Tot Ion	Ratio	Lower	Upper
57	100		
41	92.4	68.0	102.0
43	75.5	175.3	262.9#
56	57.4	42.0	63.0

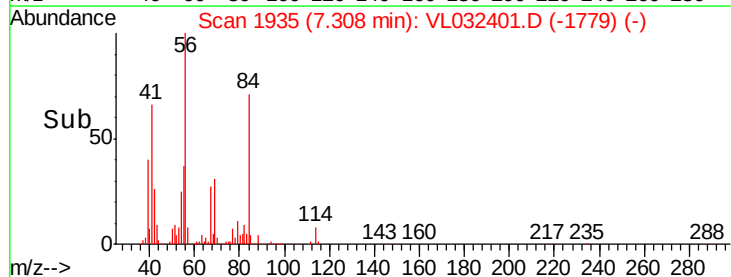
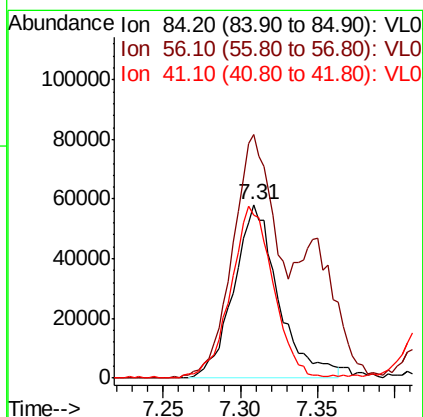
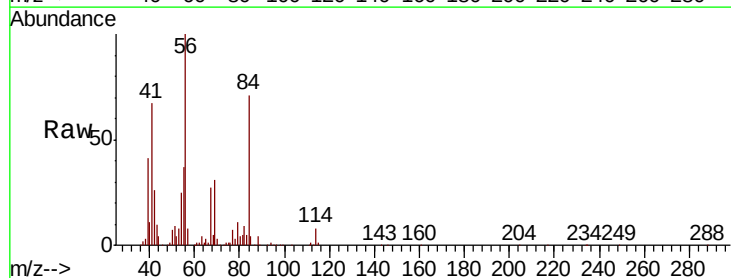
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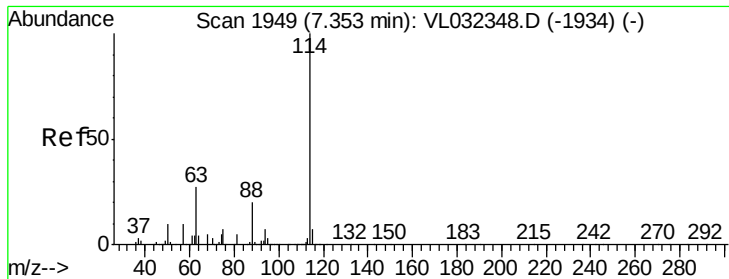
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#30
Cyclohexane
Concen: 0.94 ppbv
RT: 7.31 min Scan# 1935
Delta R.T. 0.00 min
Lab File: VL032401.D
Acq: 17 Aug 2018 10:05

Tgt Ion	Ratio	Lower	Upper
84	100		
56	208.8	115.7	173.5#
41	95.3	67.9	101.9





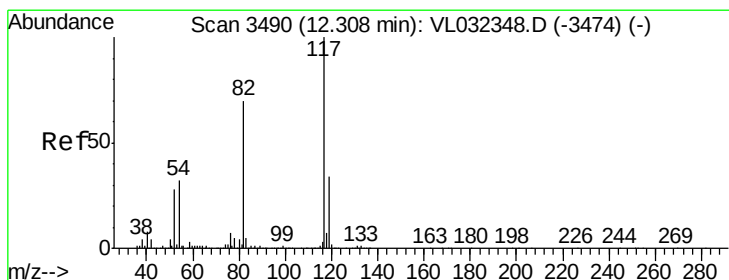
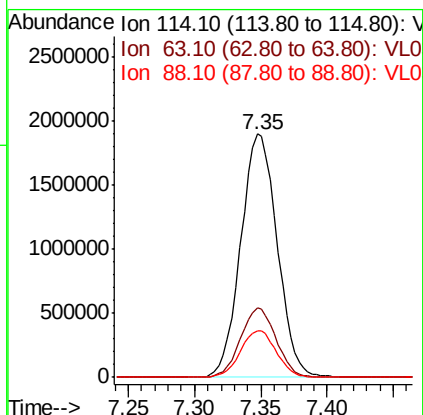
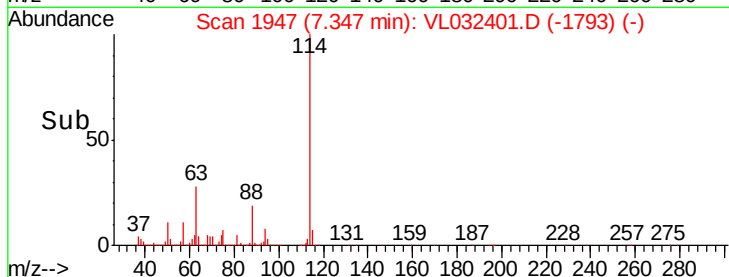
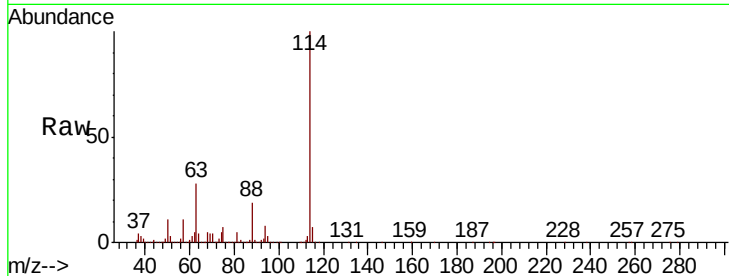
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.35 min Scan# 1947
 Delta R.T. -0.01 min
 Lab File: VL032401.D
 Acq: 17 Aug 2018 10:05

Instrument :
 MSVOA_L
 ClientSampleId :
 SG06-MIVIDL2

Tot Ion	Ratio	Lower	Upper
114	100		
63	28.0	22.0	33.0
88	19.0	15.3	22.9

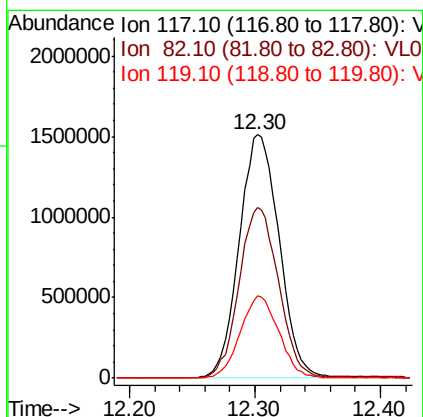
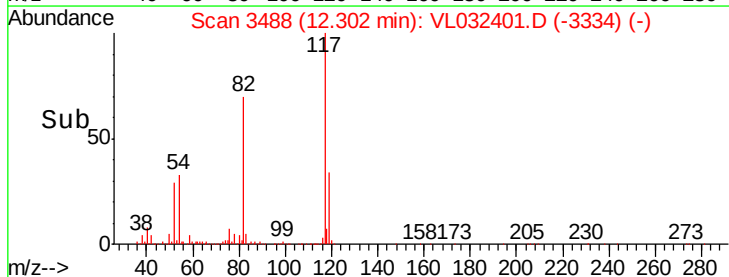
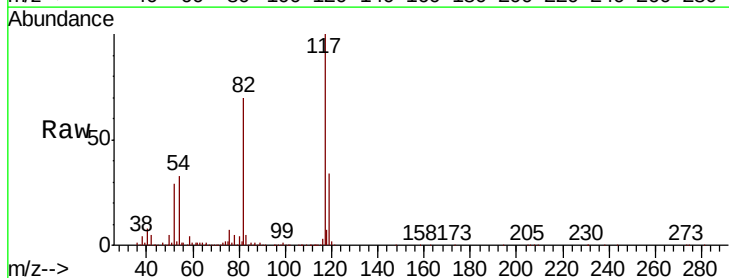
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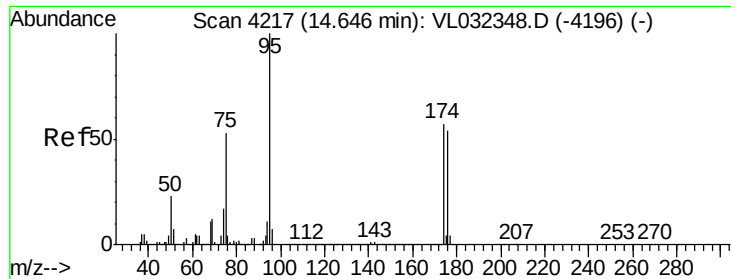
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#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.30 min Scan# 3488
 Delta R.T. -0.01 min
 Lab File: VL032401.D
 Acq: 17 Aug 2018 10:05

Tgt Ion	Ratio	Lower	Upper
117	100		
82	69.2	55.1	82.7
119	32.6	46.0	69.0#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.05 ppbv
 RT: 14.64 min Scan# 4215
 Delta R.T. -0.01 min
 Lab File: VL032401.D
 Acq: 17 Aug 2018 10:05

Instrument :
 MSVOA_L
 ClientSampleId :
 SG06-MIVIDL2

Tot Ion	Ratio	Lower	Upper
95	100		
174	56.8	46.2	69.4
175	4.0	3.4	5.0

Manual Integrations
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