

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070218\
 Data File : VL032181.D
 Acq On : 2 Jul 2018 14:27
 Operator : SY/AP
 Sample : J3601-10DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 RESIDENT-D-CRAWL-SPACEDL

Manual Integrations
 APPROVED

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Quant Time: Jul 03 05:21:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL062918AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 29 2018
 QLast Update : Fri Jun 29 22:27:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.84	49	1538006	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.38	114	3970442	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.34	117	3597891	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.67	95	2831341	10.30	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.73	45	48588m	1.83	ppbv	
15) Acetone	3.98	43	353480m	1.97	ppbv	
20) Methylene Chloride	4.48	84	36192	0.55	ppbv	95
26) Hexane	5.86	57	49303	0.29	ppbv #	82
34) 2-Butanone	5.43	43	32479	0.13	ppbv	95
53) Toluene	10.04	91	255287	0.55	ppbv	100
59) m/p-Xylene	13.22	91	65193m	0.14	ppbv	

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

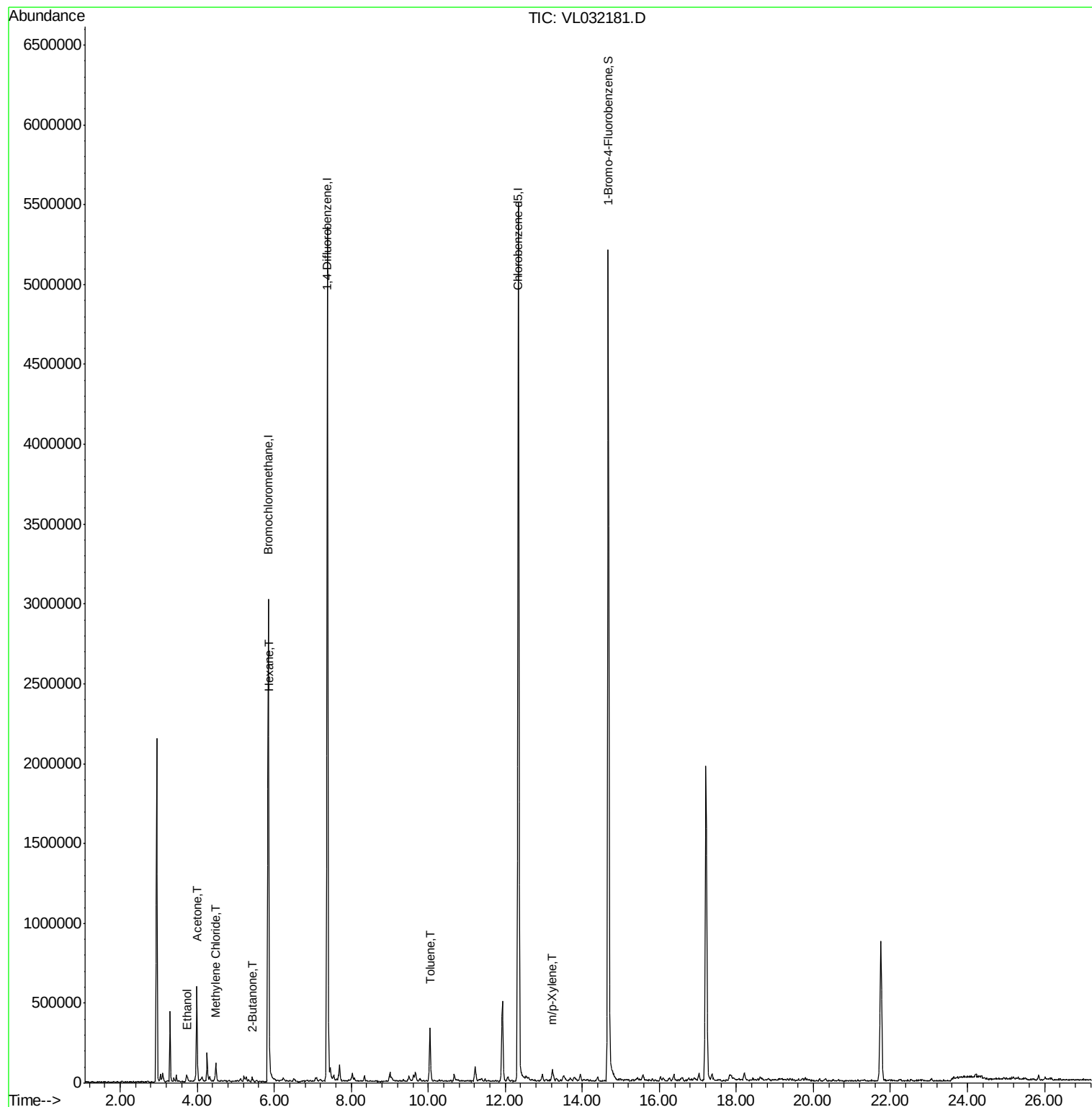
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL070218\
Data File : VL032181.D
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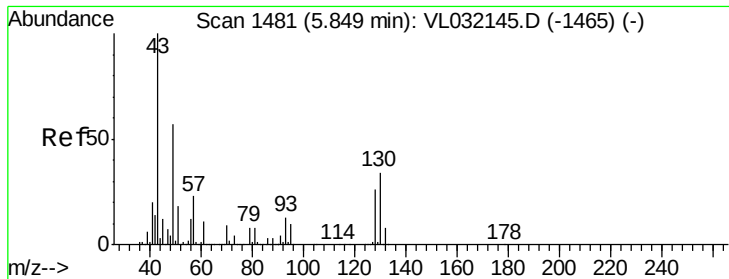
Instrument :
MSVOA_L
ClientSampleId :
RESIDENT-D-CRAWL-SPACEDL

Manual Integrations
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QLast Update : Fri Jun 29 22:27:58 2018
Response via : Initial Calibration





#1

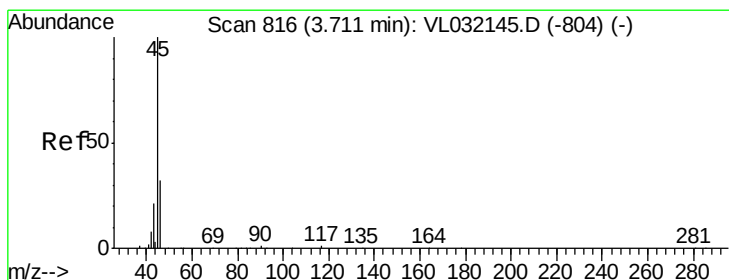
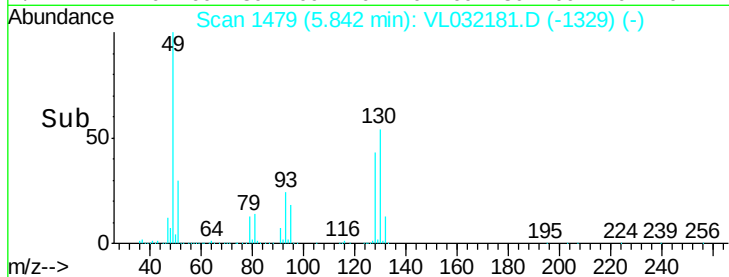
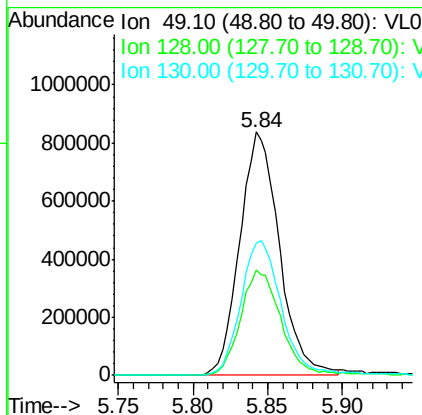
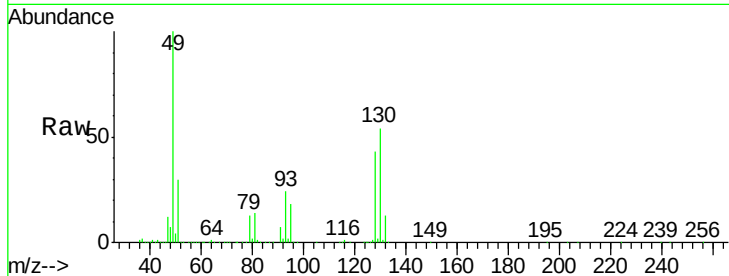
Bromochloromethane
 Concen: 10.00 ppbv
 RT: 5.84 min Scan# 1479
 Delta R.T. -0.02 min
 Lab File: VL032181.D
 Acq: 2 Jul 2018 14:27

Instrument :
 MSVOA_L
 ClientSampleId :
 RESIDENT-D-CRAWL-SPACEDL

Tot Ion: 49 Resp: 1538006
 Ion Ratio Lower Upper
 49 100
 128 45.1 23.4 70.0
 130 57.6 30.3 90.9

Manual Integrations
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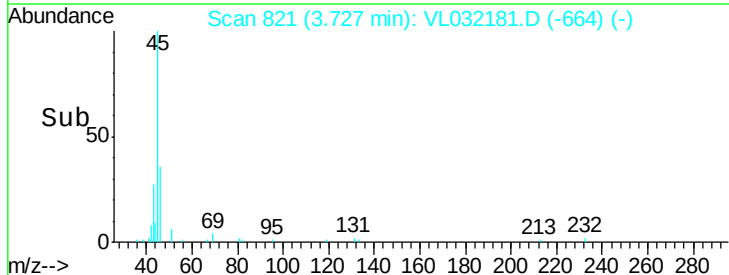
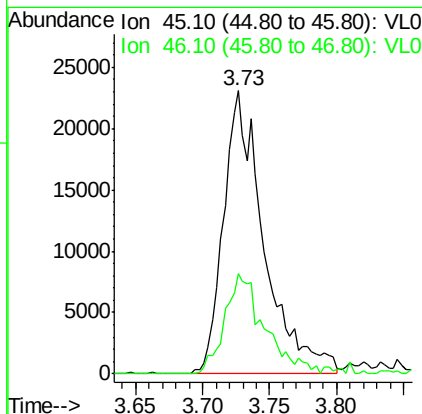
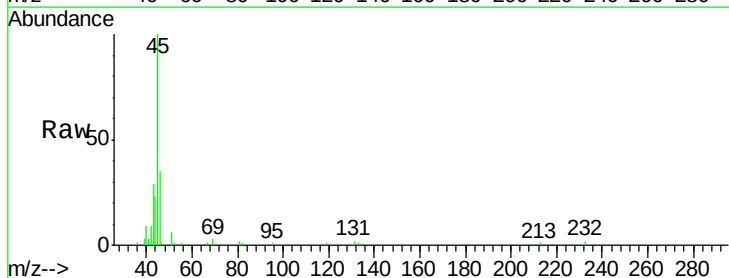
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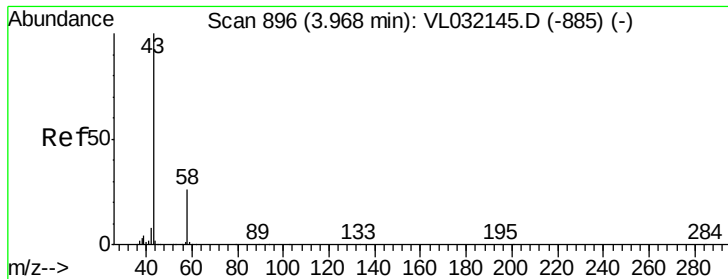


#13

Ethanol
 Concen: 1.83 ppbv m
 RT: 3.73 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: VL032181.D
 Acq: 2 Jul 2018 14:27

Tgt Ion: 45 Resp: 48588
 Ion Ratio Lower Upper
 45 100
 46 35.4 14.6 58.4





#15

Acetone

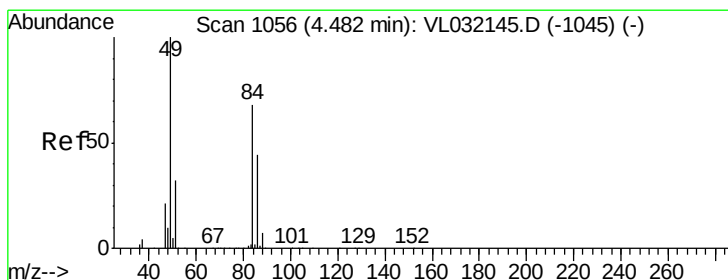
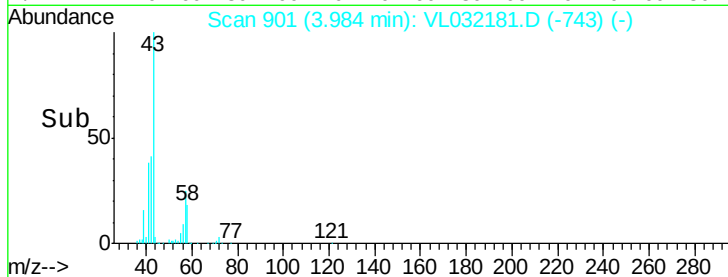
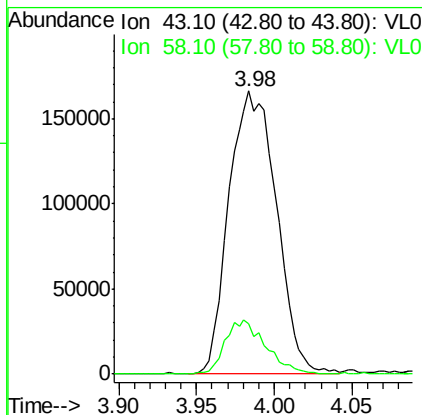
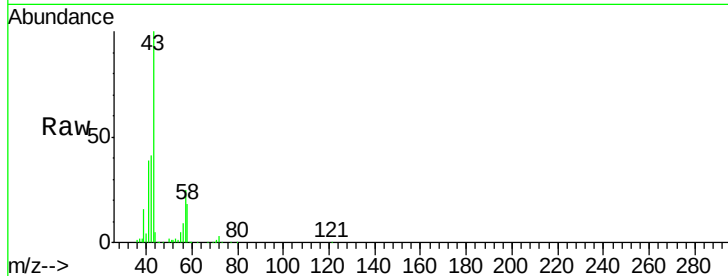
Concen: 1.97 ppbv m
RT: 3.98 min Scan# 901
Delta R.T. 0.01 min
Lab File: VL032181.D
Acq: 2 Jul 2018 14:27

Instrument :
MSVOA_L
ClientSampleId :
RESIDENT-D-CRAWL-SPACEDL

Tot Ion: 43 Resp: 353480
Ion Ratio Lower Upper
43 100
58 16.8 21.4 32.0#

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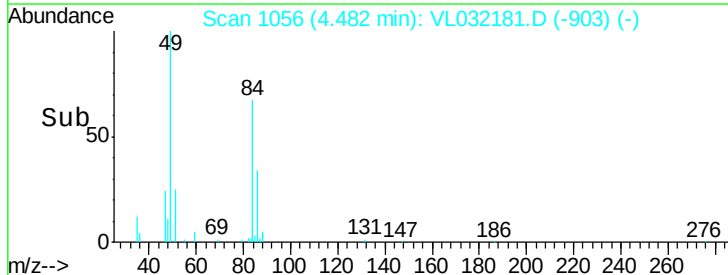
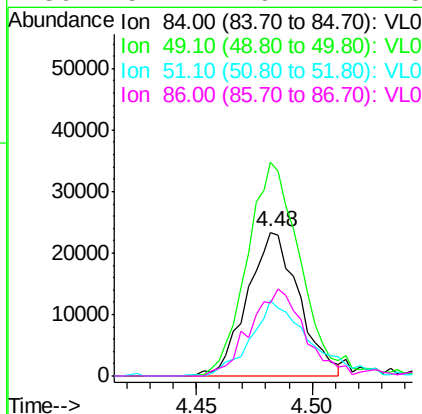
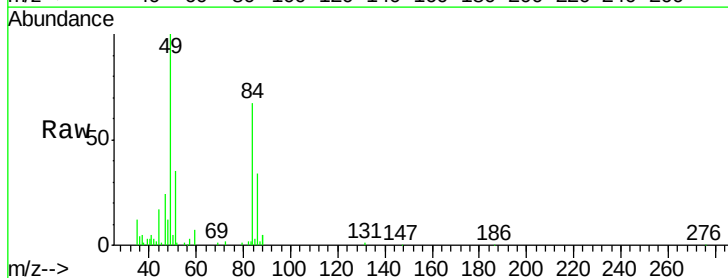


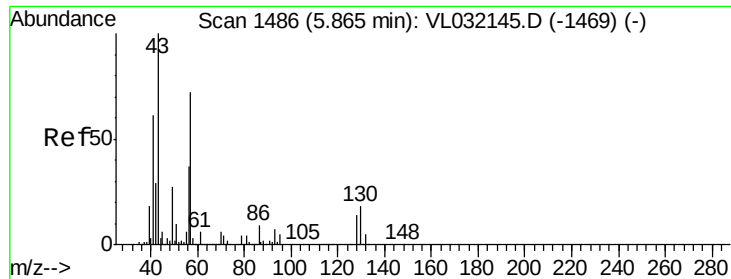
#20

Methylene Chloride

Concen: 0.55 ppbv
RT: 4.48 min Scan# 1056
Delta R.T. -0.01 min
Lab File: VL032181.D
Acq: 2 Jul 2018 14:27

Tgt Ion: 84 Resp: 36192
Ion Ratio Lower Upper
84 100
49 148.7 119.6 179.4
51 51.7 36.3 54.5
86 51.2 49.7 74.5





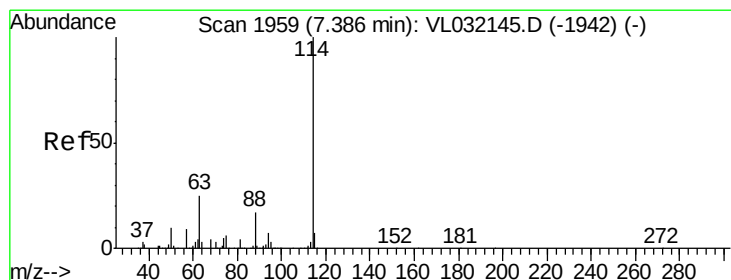
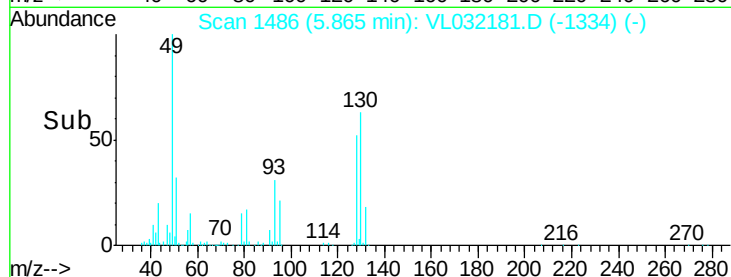
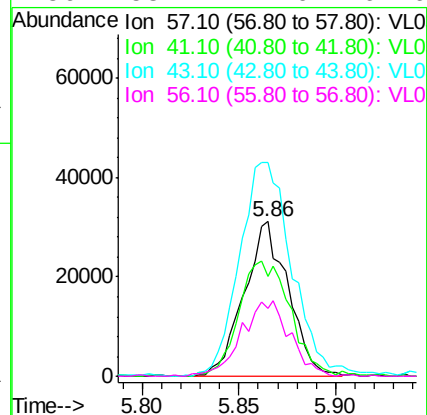
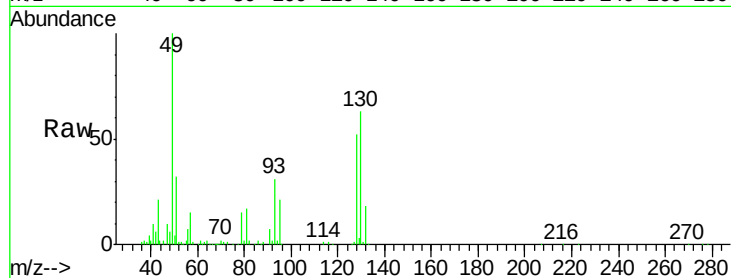
#26
Hexane
Concen: 0.29 ppbv
RT: 5.86 min Scan# 1486
Delta R.T. -0.01 min
Lab File: VL032181.D
Acq: 2 Jul 2018 14:27

Instrument :
MSVOA_L
ClientSampleId :
RESIDENT-D-CRAWL-SPACEDL

Tot Ion	Ratio	Lower	Upper
57	100		
41	87.8	68.6	103.0
43	166.1	168.6	252.8#
56	53.7	41.0	61.6

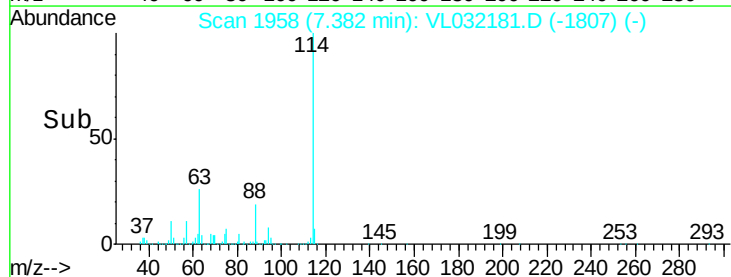
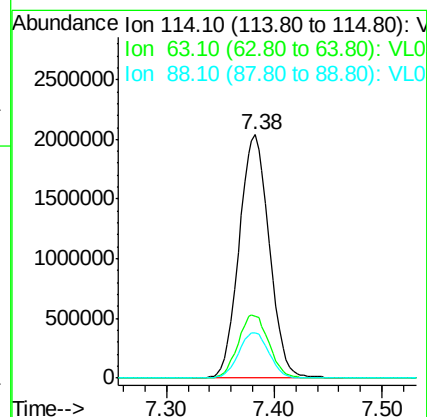
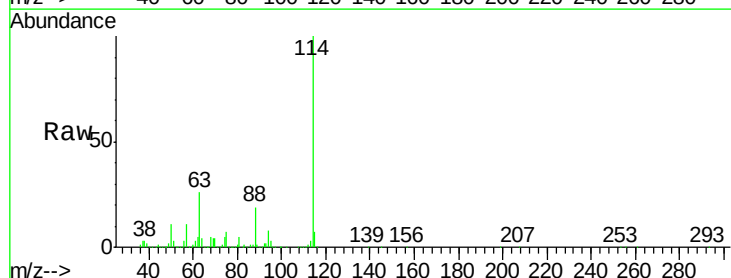
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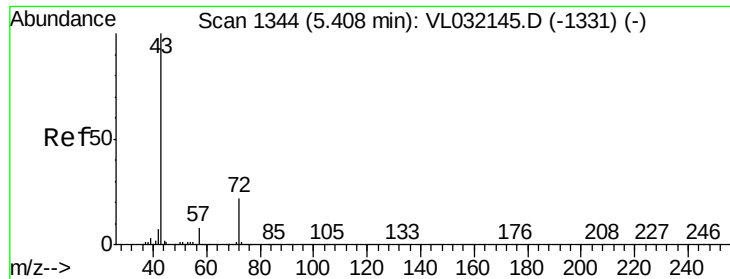
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#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.38 min Scan# 1958
Delta R.T. -0.02 min
Lab File: VL032181.D
Acq: 2 Jul 2018 14:27

Tgt Ion	Ratio	Lower	Upper
114	100		
63	26.5	19.1	28.7
88	18.9	13.9	20.9





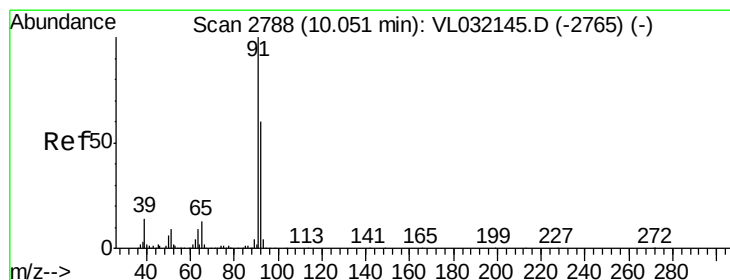
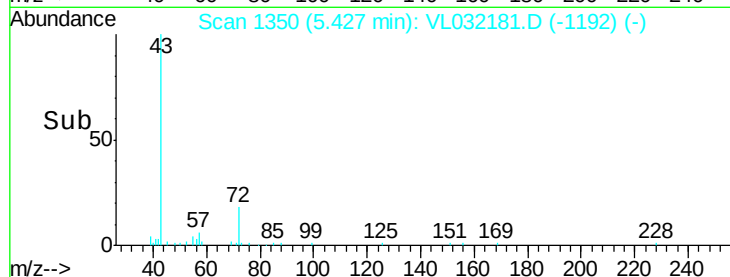
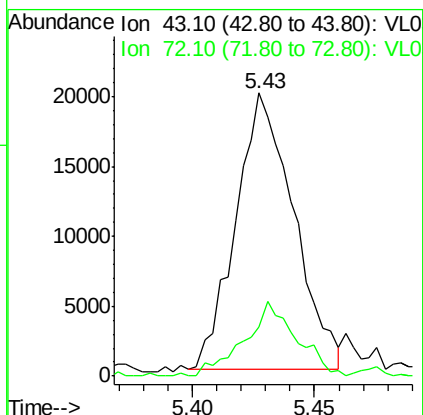
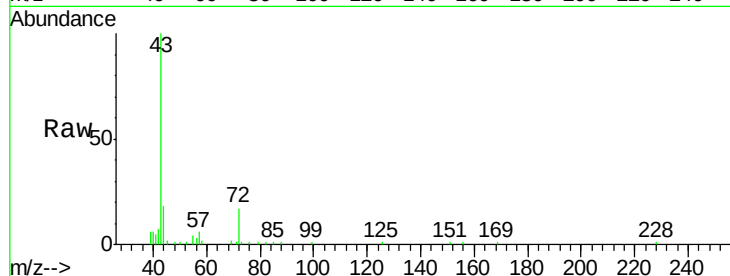
#34
2-Butanone
Concen: 0.13 ppbv
RT: 5.43 min Scan# 1350
Delta R.T. 0.01 min
Lab File: VL032181.D
Acq: 2 Jul 2018 14:27

Instrument :
MSVOA_L
ClientSampleId :
RESIDENT-D-CRAWL-SPACEDL

Tot Ion: 43 Resp: 32479
Ion Ratio Lower Upper
43 100
72 25.5 18.4 27.6

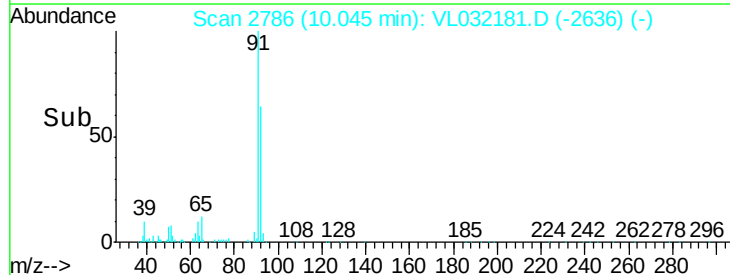
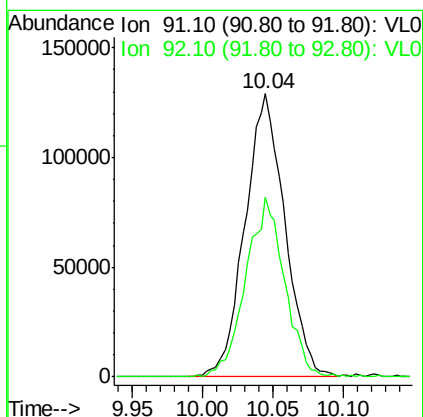
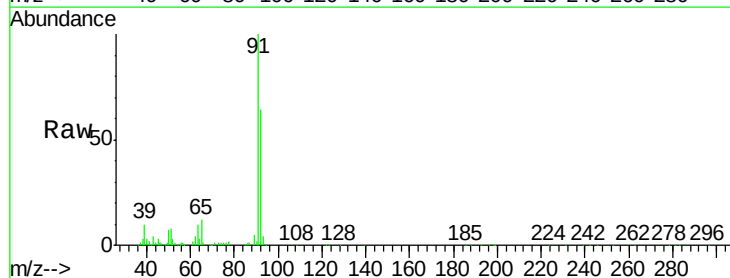
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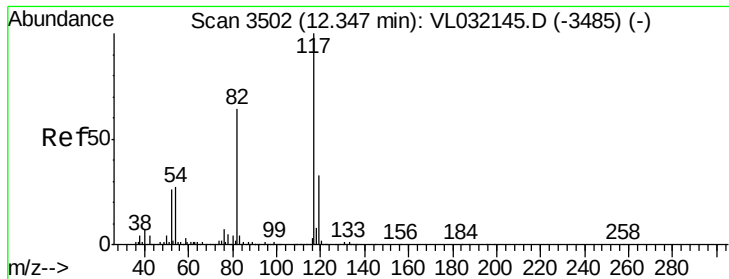
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#53
Toluene
Concen: 0.55 ppbv
RT: 10.04 min Scan# 2786
Delta R.T. -0.02 min
Lab File: VL032181.D
Acq: 2 Jul 2018 14:27

Tgt Ion: 91 Resp: 255287
Ion Ratio Lower Upper
91 100
92 61.7 49.2 73.8





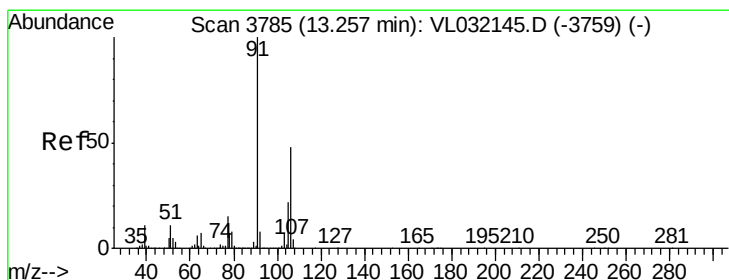
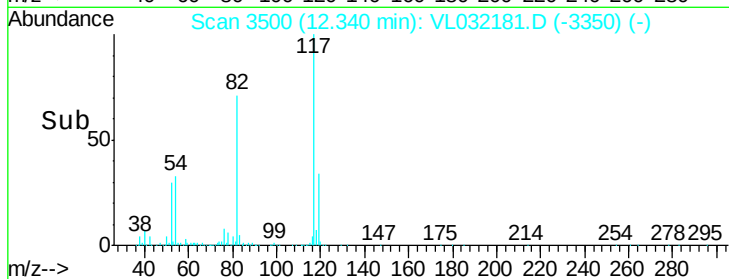
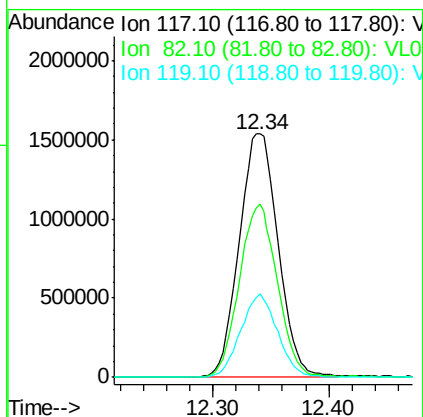
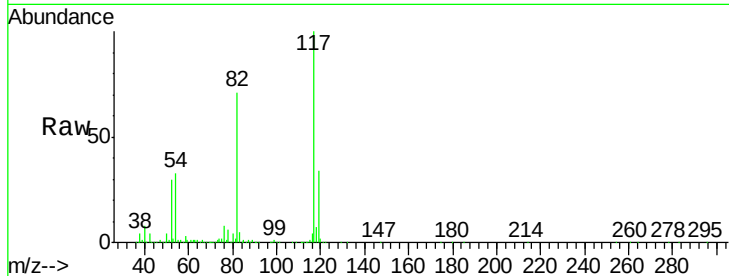
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.34 min Scan# 3500
Delta R.T. -0.02 min
Lab File: VL032181.D
Acq: 2 Jul 2018 14:27

Instrument :
MSVOA_L
ClientSampleId :
RESIDENT-D-CRAWL-SPACEDL

Tot Ion	Ratio	Lower	Upper
117	100		
82	70.1	47.8	71.8
119	32.7	43.3	64.9

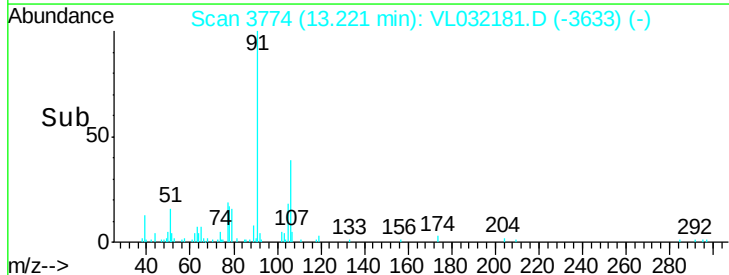
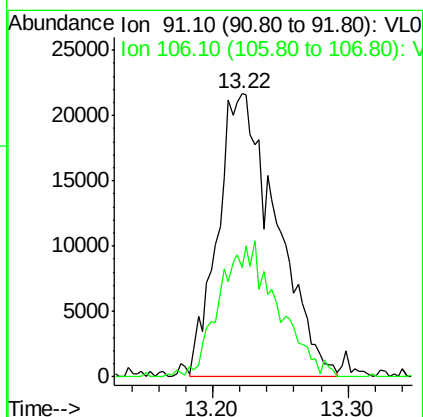
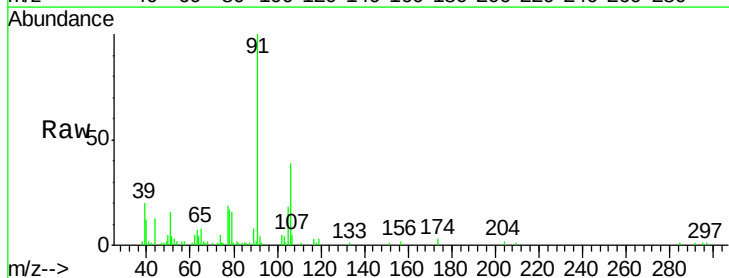
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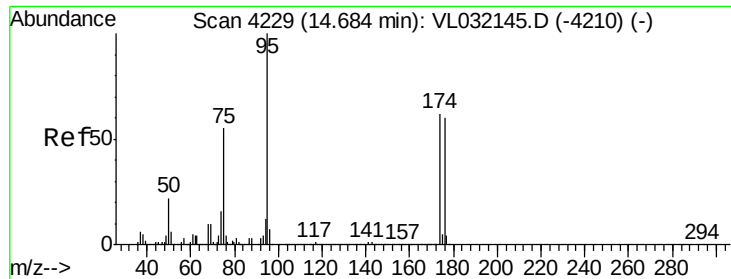
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#59
m/p-Xylene
Concen: 0.14 ppbv m
RT: 13.22 min Scan# 3774
Delta R.T. -0.05 min
Lab File: VL032181.D
Acq: 2 Jul 2018 14:27

Tgt Ion	Ratio	Lower	Upper
91	100		
106	0.0	38.6	58.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.30 ppbv
 RT: 14.67 min Scan# 4226
 Delta R.T. -0.02 min
 Lab File: VL032181.D
 Acq: 2 Jul 2018 14:27

Instrument :
 MSVOA_L
 ClientSampleId :
 RESIDENT-D-CRAWL-SPACEDL

Tot Ion	Ratio	Lower	Upper
95	100		
174	55.5	52.1	78.1
175	4.2	4.0	6.0

Manual Integrations
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