

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062918\
 Data File : VL032168.D
 Acq On : 30 Jun 2018 13:10
 Operator : SY/AP
 Sample : J3601-06DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Jul 02 04:11:24 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	5.85	49	1619153	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.38	114	3943065	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.34	117	3609088	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.68	95	2818701	10.22	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
4) Chloromethane	3.23	50	18485	0.18	ppbv #	85
9) Propene	3.11	41	43120m	0.47	ppbv	
13) Ethanol	3.73	45	71770	2.57	ppbv	98
15) Acetone	3.97	43	198850	1.05	ppbv	98
20) Methylene Chloride	4.49	84	30017	0.43	ppbv	97
26) Hexane	5.86	57	34883	0.19	ppbv #	55
34) 2-Butanone	5.43	43	24504	0.10	ppbv	97
53) Toluene	10.05	91	96773	0.21	ppbv	99

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

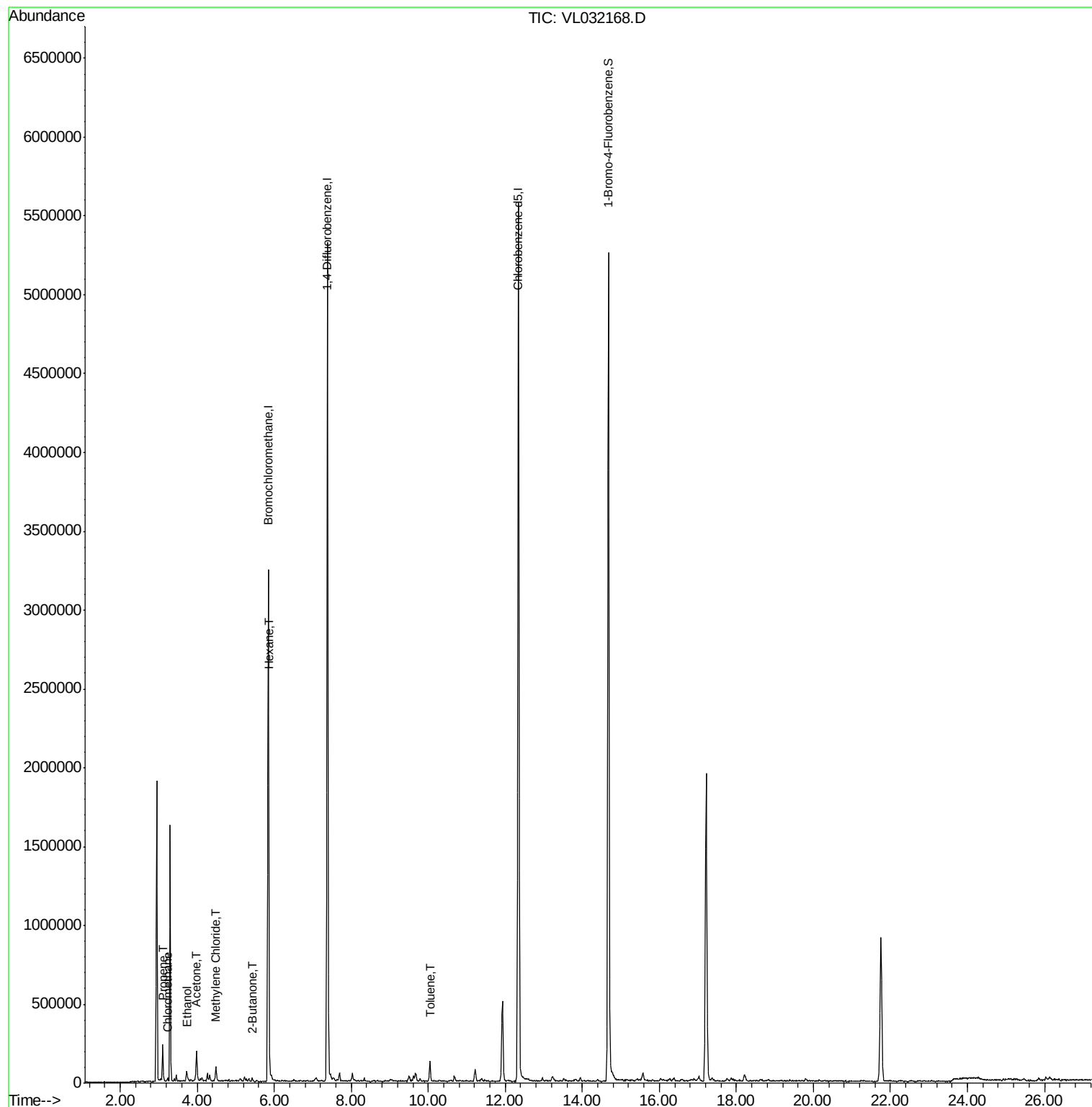
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Data File : VL032168.D
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Misc : 400ml/MSVOA L
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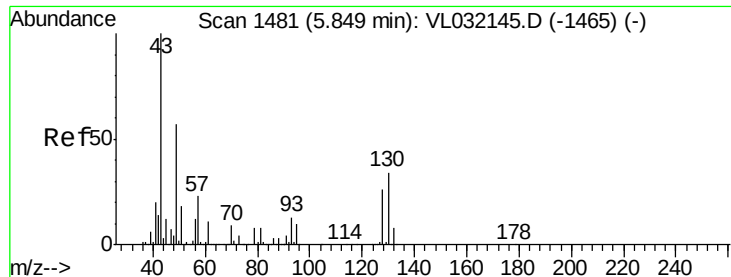
Instrument :
MSVOA_L
ClientSampleId :
RESIDENT-B-CRAWL-SPACEDL

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





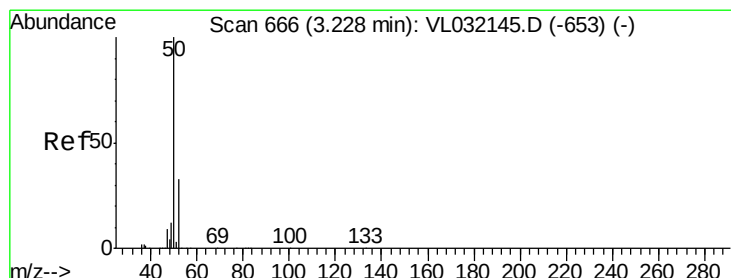
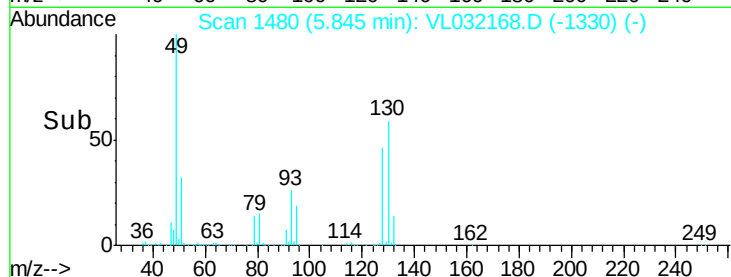
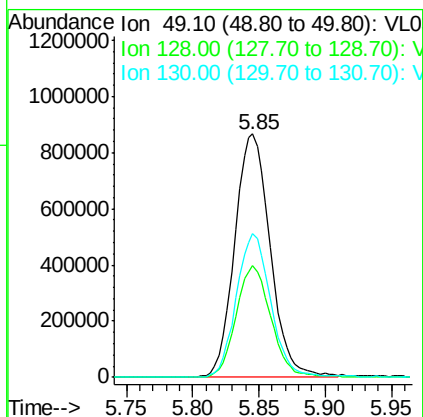
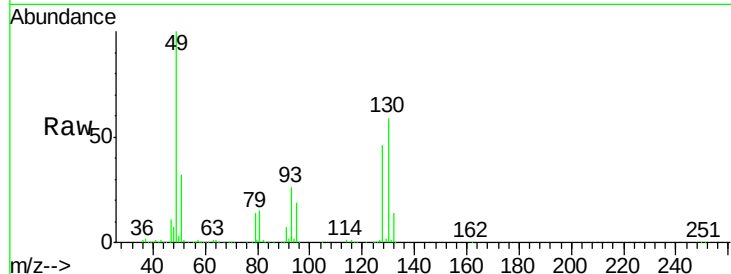
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.85 min Scan# 1480
Delta R.T. -0.02 min
Lab File: VL032168.D
Acq: 30 Jun 2018 13:10

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

Tot Ion: 49 Resp: 1619153
Ion Ratio Lower Upper
49 100
128 45.0 23.4 70.0
130 58.1 30.3 90.9

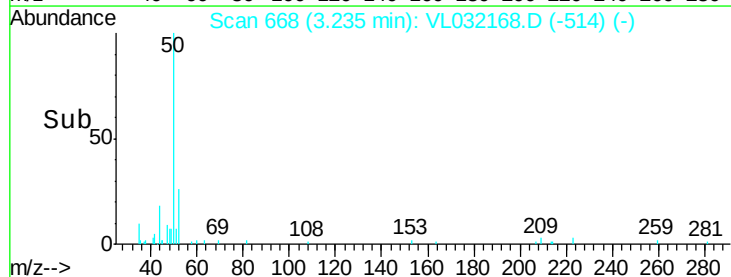
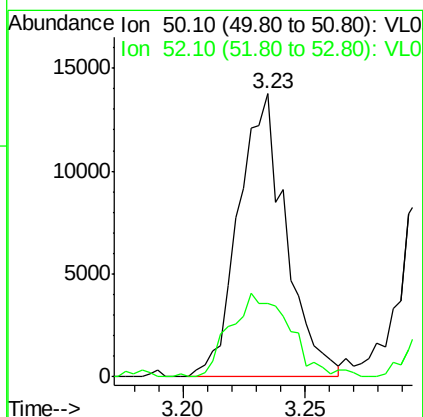
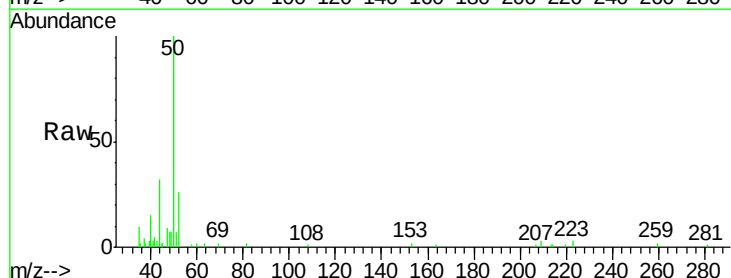
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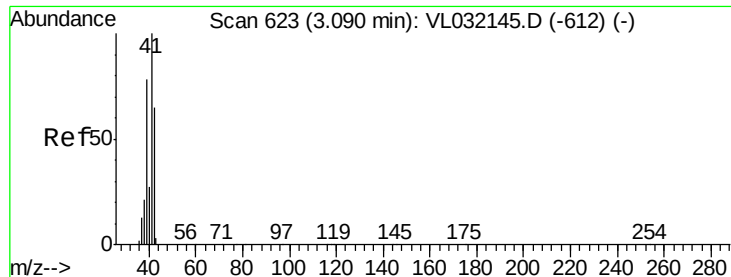
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#4
Chloromethane
Concen: 0.18 ppbv
RT: 3.23 min Scan# 668
Delta R.T. -0.00 min
Lab File: VL032168.D
Acq: 30 Jun 2018 13:10

Tgt Ion: 50 Resp: 18485
Ion Ratio Lower Upper
50 100
52 24.1 26.0 39.0#





#9

Propene

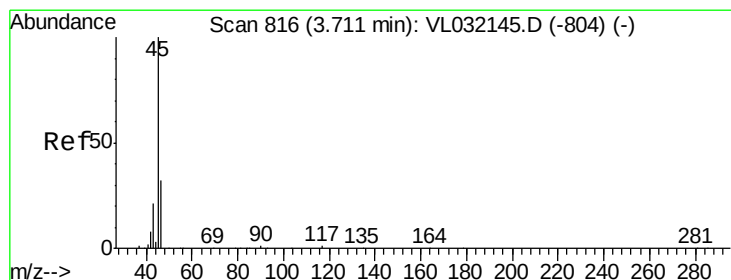
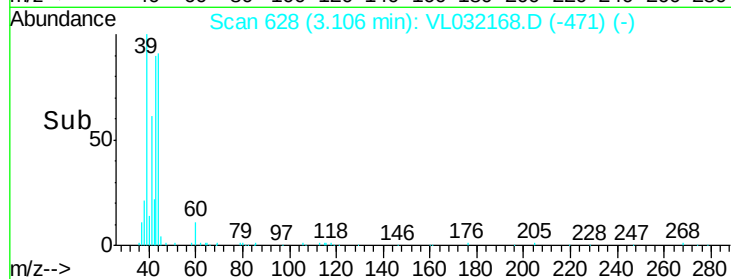
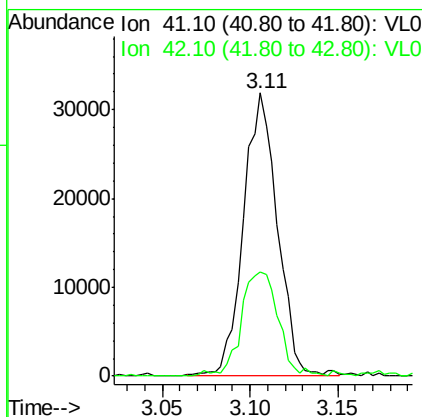
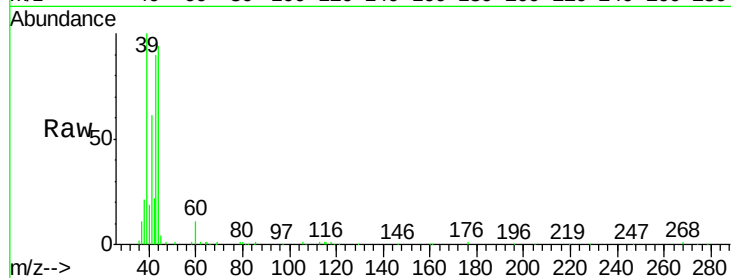
Concen: 0.47 ppbv m
 RT: 3.11 min Scan# 628
 Delta R.T. 0.01 min
 Lab File: VL032168.D
 Acq: 30 Jun 2018 13:10

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

Tot Ion	41	Resp	43120
Ion Ratio	100	Lower	Upper
42	693.8	56.2	84.4#

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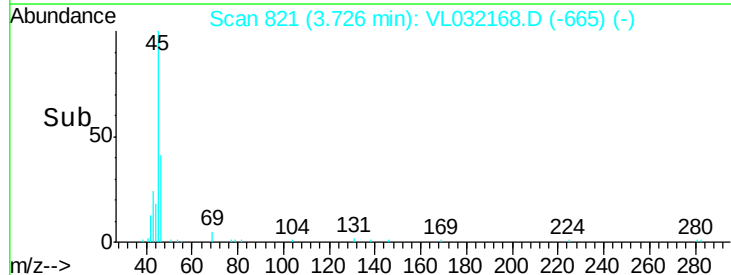
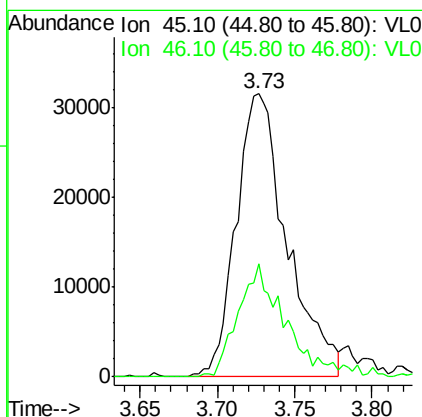
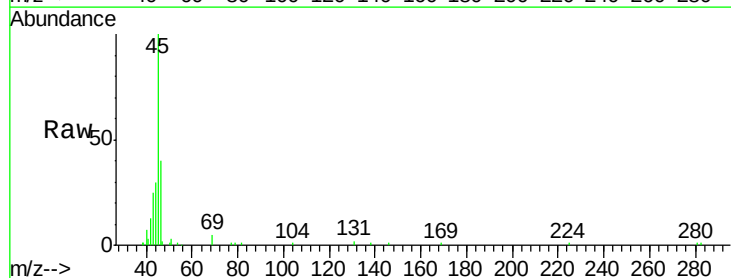


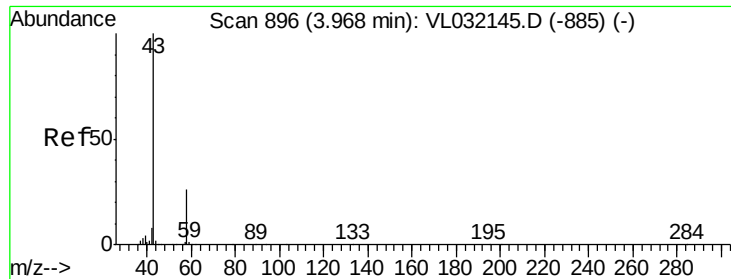
#13

Ethanol

Concen: 2.57 ppbv
 RT: 3.73 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: VL032168.D
 Acq: 30 Jun 2018 13:10

Tgt Ion	45	Resp	71770
Ion Ratio	100	Lower	Upper
46	37.8	14.6	58.4





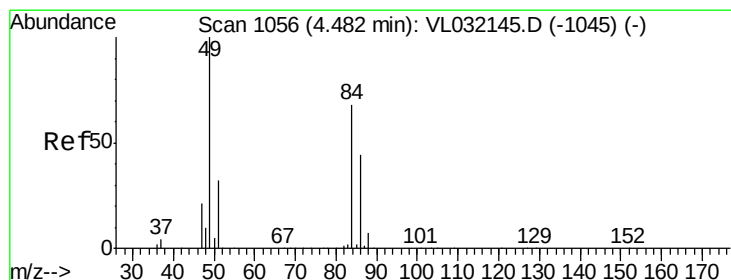
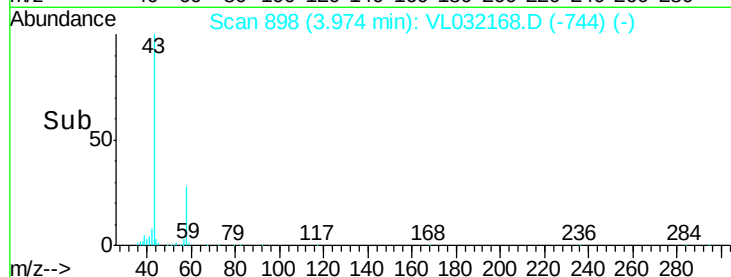
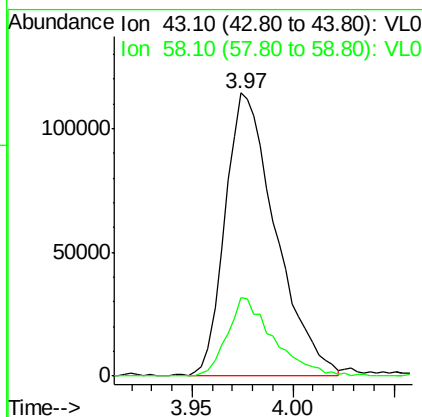
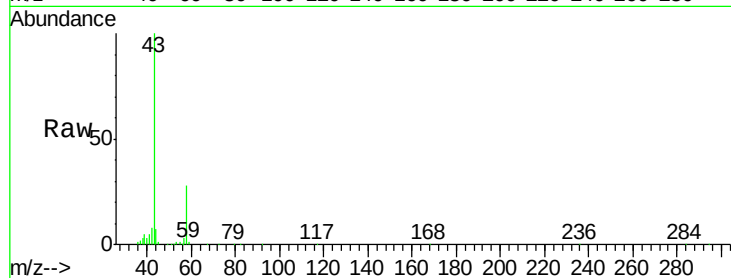
#15
Acetone
Concen: 1.05 ppbv
RT: 3.97 min Scan# 898
Delta R.T. -0.00 min
Lab File: VL032168.D
Acq: 30 Jun 2018 13:10

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

Tot Ion: 43 Resp: 198850
Ion Ratio Lower Upper
43 100
58 25.7 21.4 32.0

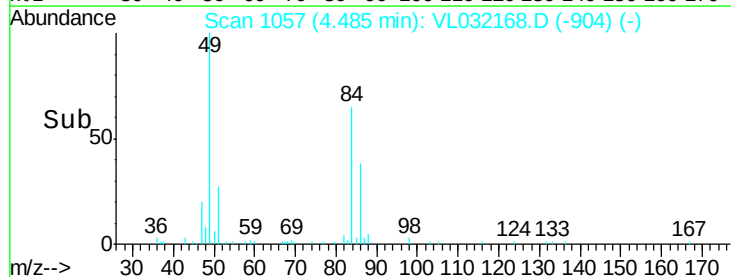
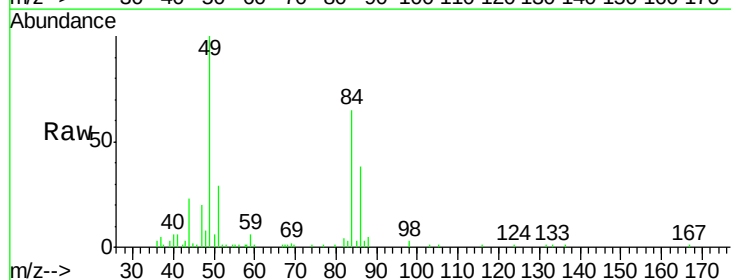
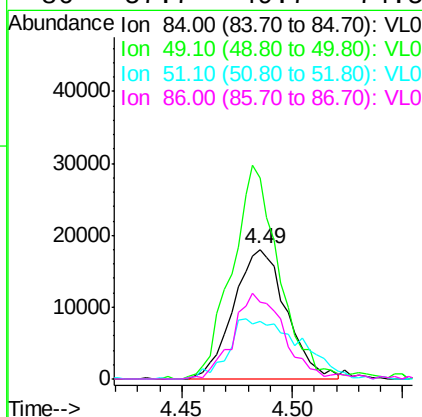
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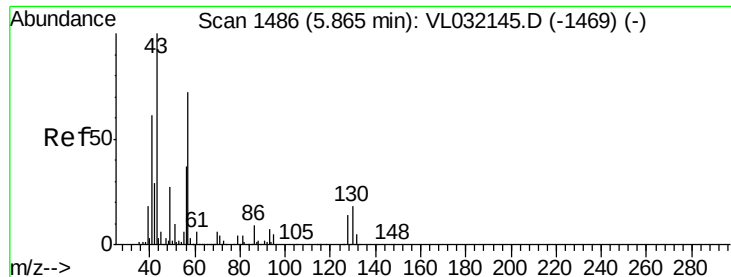
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#20
Methylene Chloride
Concen: 0.43 ppbv
RT: 4.49 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VL032168.D
Acq: 30 Jun 2018 13:10

Tgt Ion: 84 Resp: 30017
Ion Ratio Lower Upper
84 100
49 152.8 119.6 179.4
51 43.3 36.3 54.5
86 57.7 49.7 74.5





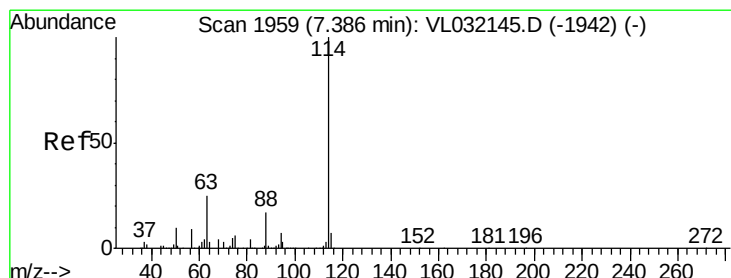
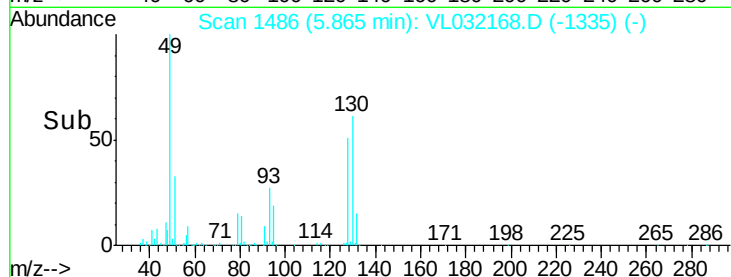
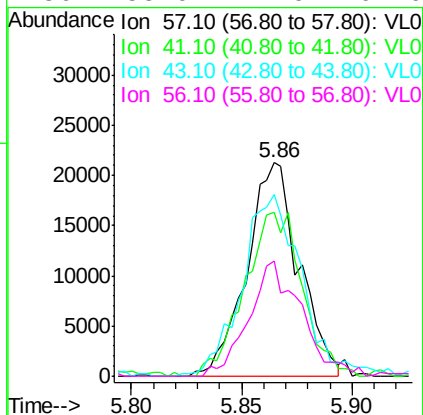
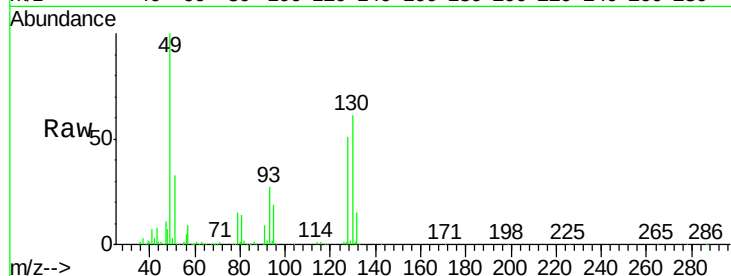
#26
Hexane
Concen: 0.19 ppbv
RT: 5.86 min Scan# 1486
Delta R.T. -0.01 min
Lab File: VL032168.D
Acq: 30 Jun 2018 13:10

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

Tot Ion	Ratio	Lower	Upper
57	100		
41	87.4	68.6	103.0
43	97.0	168.6	252.8#
56	55.0	41.0	61.6

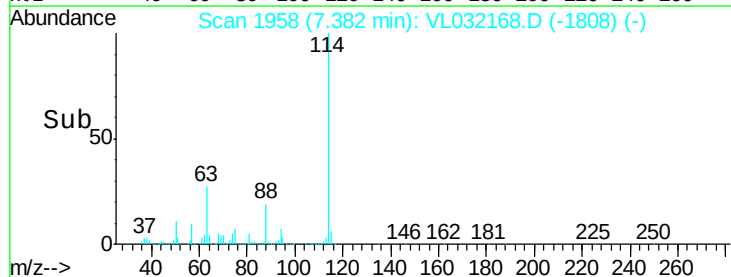
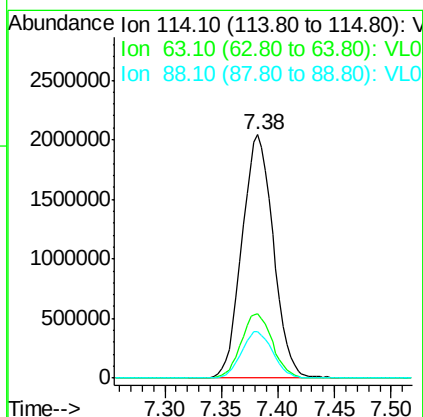
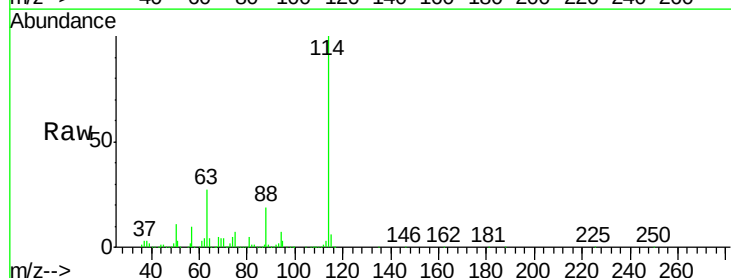
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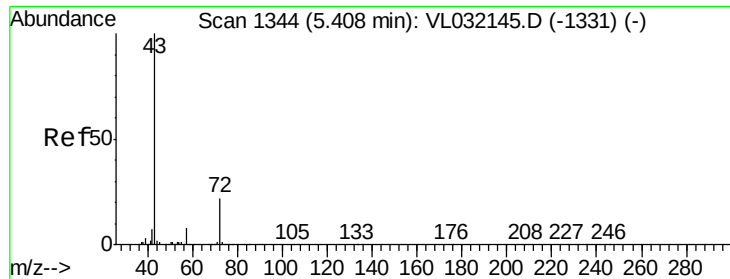
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#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.38 min Scan# 1958
Delta R.T. -0.02 min
Lab File: VL032168.D
Acq: 30 Jun 2018 13:10

Tgt Ion	Ratio	Lower	Upper
114	100		
63	26.5	19.1	28.7
88	19.2	13.9	20.9





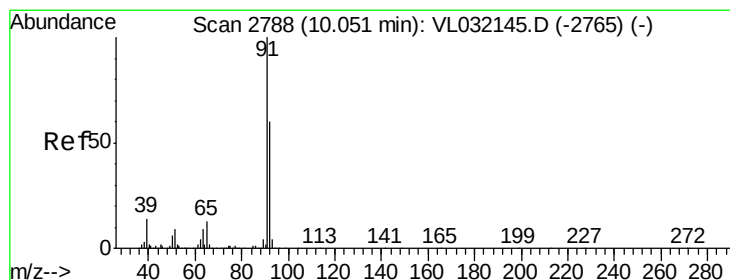
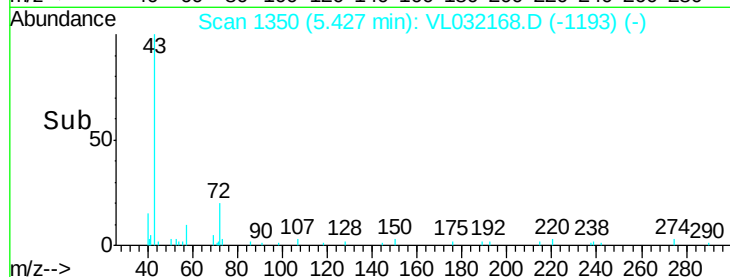
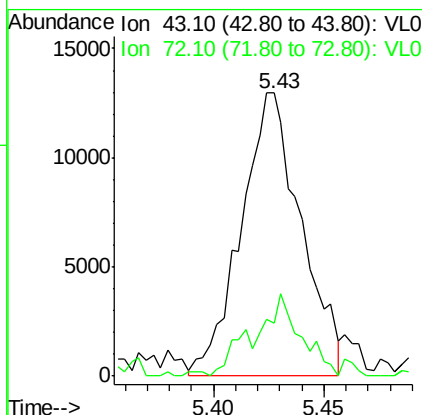
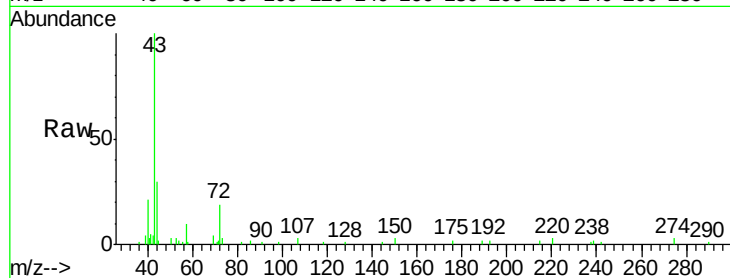
#34
2-Butanone
Concen: 0.10 ppbv
RT: 5.43 min Scan# 1350
Delta R.T. 0.01 min
Lab File: VL032168.D
Acq: 30 Jun 2018 13:10

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

Tot Ion: 43 Resp: 24504
Ion Ratio Lower Upper
43 100
72 24.4 18.4 27.6

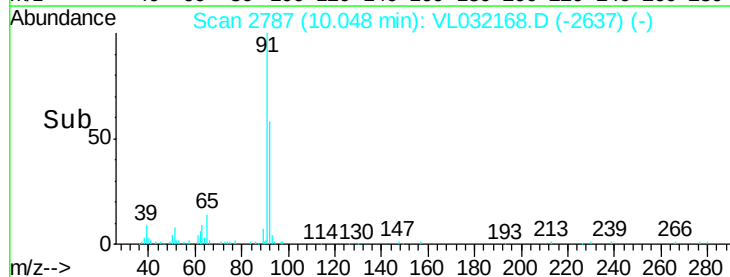
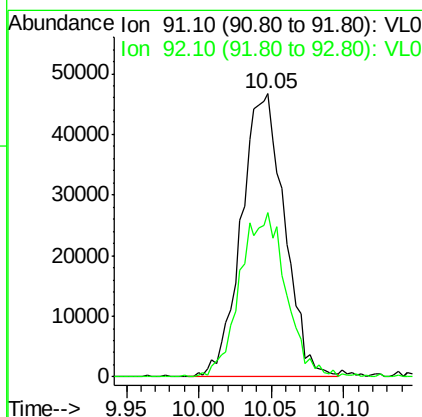
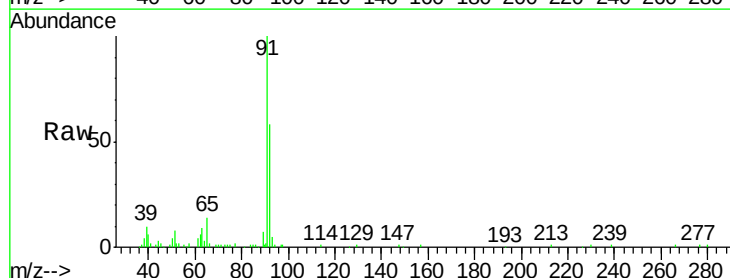
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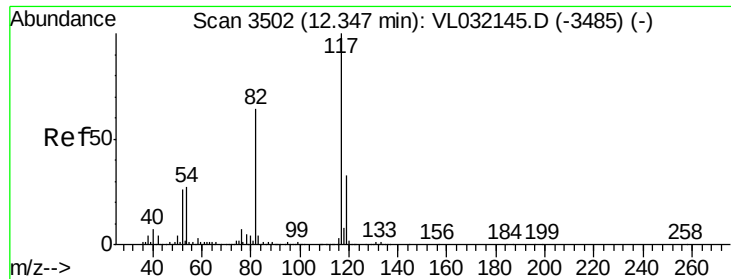
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#53
Toluene
Concen: 0.21 ppbv
RT: 10.05 min Scan# 2787
Delta R.T. -0.02 min
Lab File: VL032168.D
Acq: 30 Jun 2018 13:10

Tgt Ion: 91 Resp: 96773
Ion Ratio Lower Upper
91 100
92 61.9 49.2 73.8





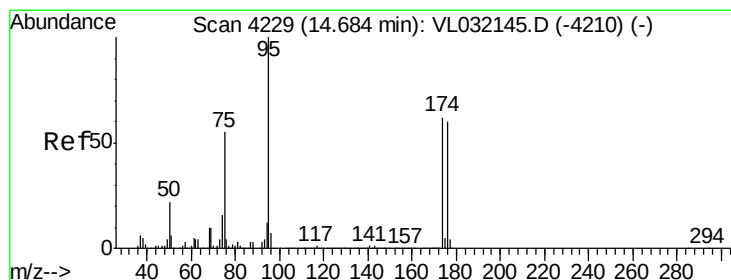
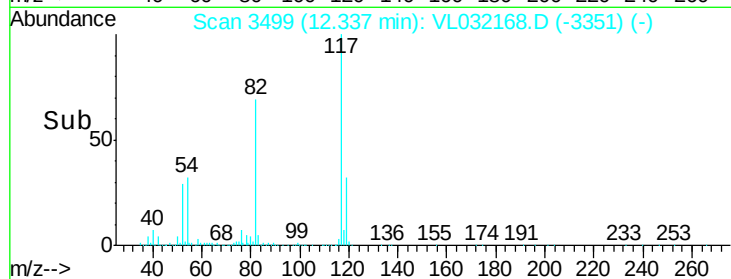
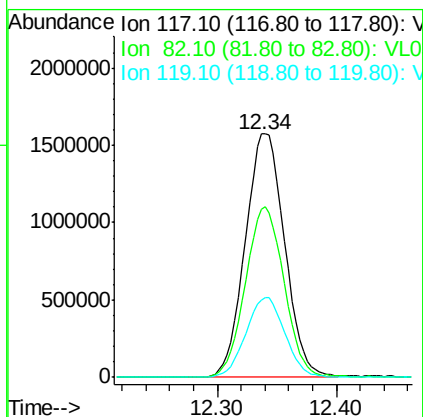
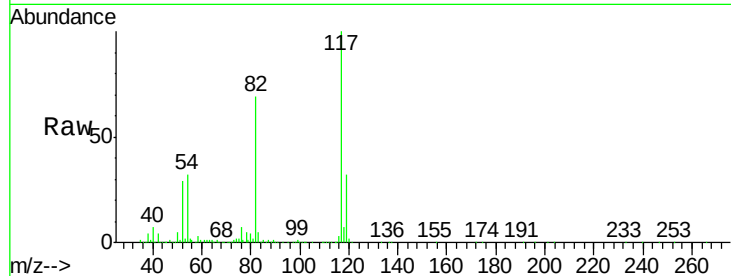
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.34 min Scan# 3499
Delta R.T. -0.02 min
Lab File: VL032168.D
Acq: 30 Jun 2018 13:10

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

Tot Ion	Ratio	Lower	Upper
117	100		
82	69.4	47.8	71.8
119	32.7	43.3	64.9#

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.22 ppbv
RT: 14.68 min Scan# 4227
Delta R.T. -0.02 min
Lab File: VL032168.D
Acq: 30 Jun 2018 13:10

Tgt Ion	Ratio	Lower	Upper
95	100		
174	56.8	52.1	78.1
175	4.2	4.0	6.0

