

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071918\
 Data File : VL032301.D
 Acq On : 19 Jul 2018 23:35
 Operator : SY/AP
 Sample : J3454-09DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 B-14-AMBIENTDL

Manual Integrations
 APPROVED

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 7/20/2018 2:06:25 PM

Quant Time: Jul 20 04:09:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL071818AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 18 2018
 QLast Update : Wed Jul 18 14:38:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.84	49	1495705	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.37	114	2943895	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.33	117	3602847	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.67	95	2775502	9.50	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	3.06	51	73285m	0.44	ppbv	
13) Ethanol	3.71	45	141826	6.77	ppbv	99
15) Acetone	3.97	43	152184	0.97	ppbv	99
19) Isopropyl Alcohol	4.12	45	29500m	0.28	ppbv	
20) Methylene Chloride	4.48	84	12144m	0.20	ppbv	
26) Hexane	5.86	57	239791	1.53	ppbv #	42

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

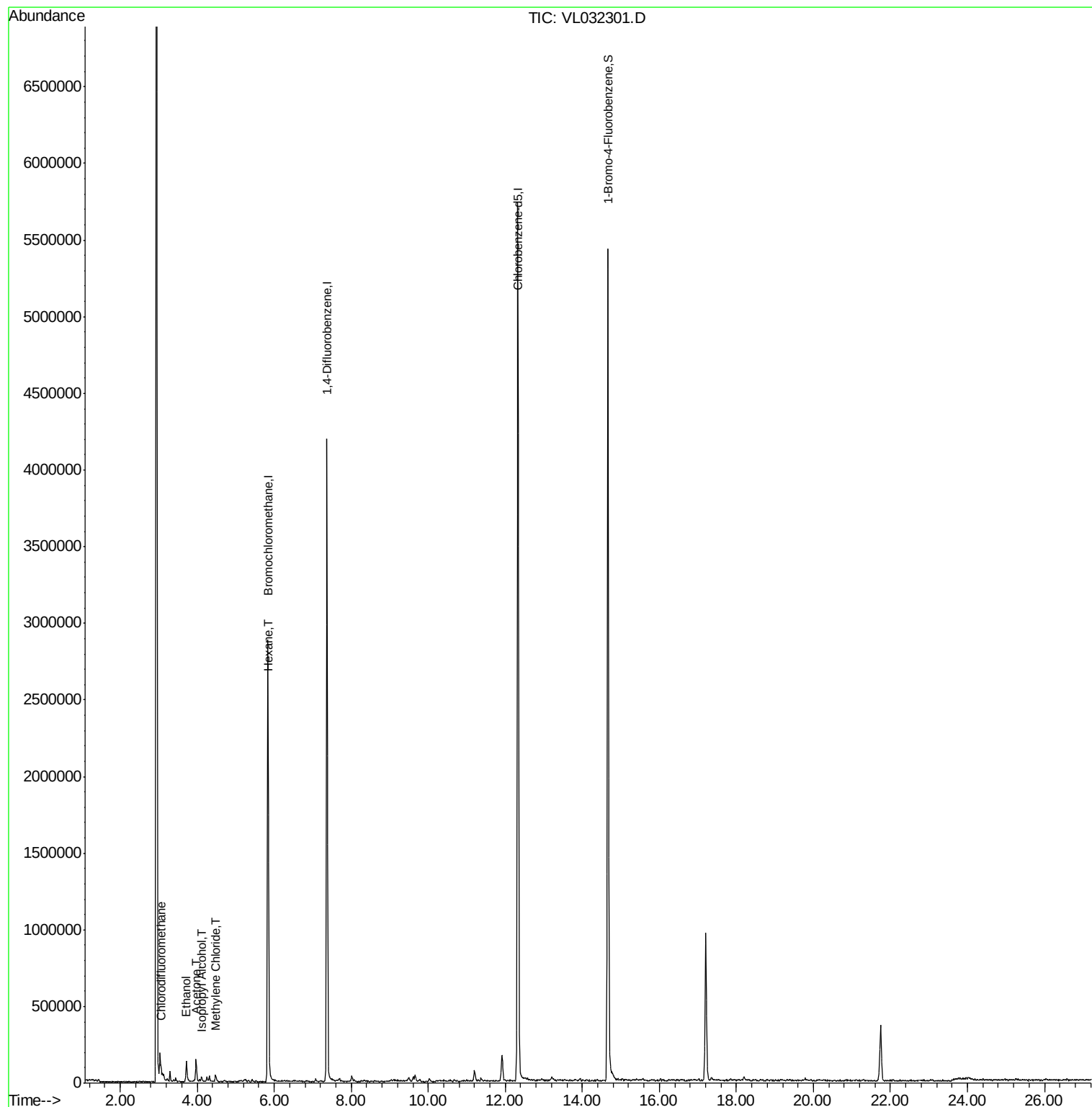
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL071918\
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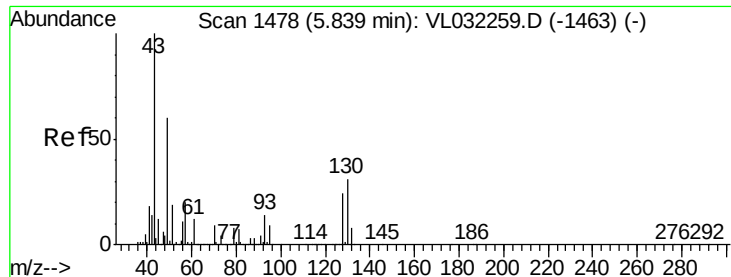
Instrument :
MSVOA_L
ClientSampleId :
B-14-AMBIENTDL

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL071818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul
QLast Update : Wed Jul 18 14:38:53 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.84 min Scan# 1477

Delta R.T. -0.00 min

Lab File: VL032301.D

Acq: 19 Jul 2018 23:35

Instrument :

MSVOA_L

ClientSampleId :

B-14-AMBIENTDL

Tot Ion: 49 Resp: 1495705

Ion Ratio Lower Upper

49 100

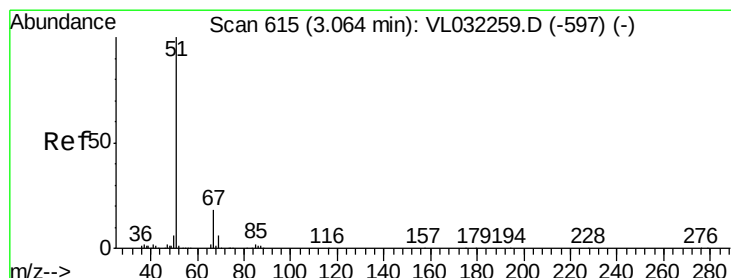
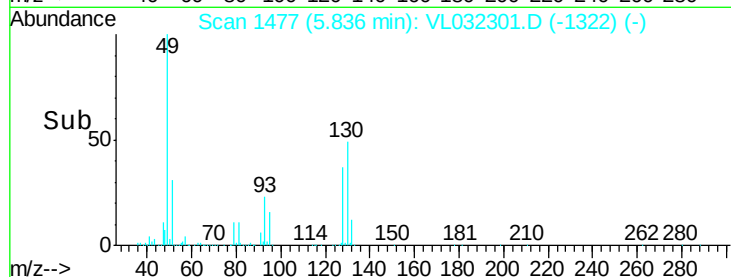
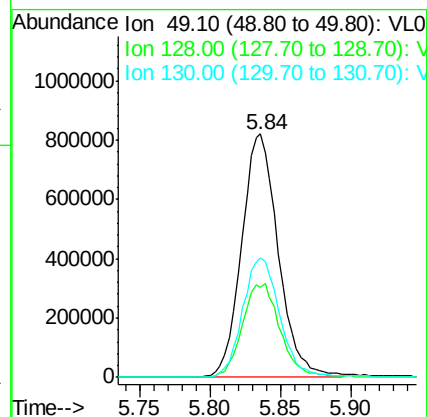
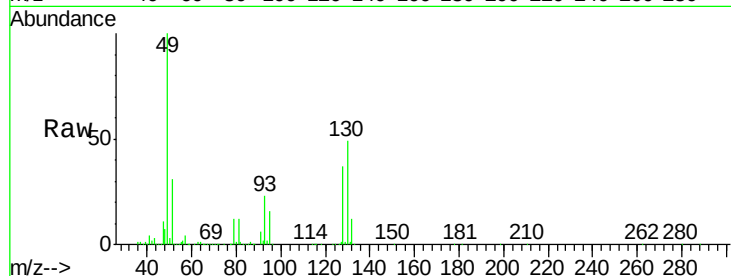
128 40.2 20.1 60.2

130 50.5 25.9 77.6

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#3

Chlorodifluoromethane

Concen: 0.44 ppbv m

RT: 3.06 min Scan# 614

Delta R.T. -0.00 min

Lab File: VL032301.D

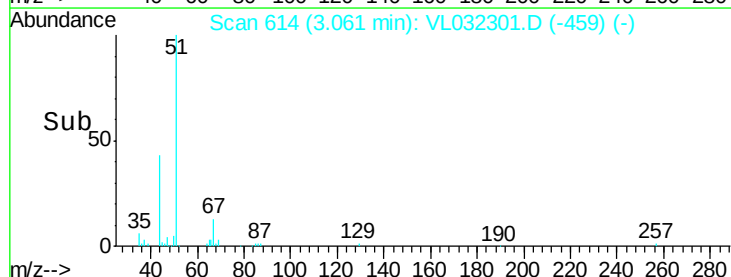
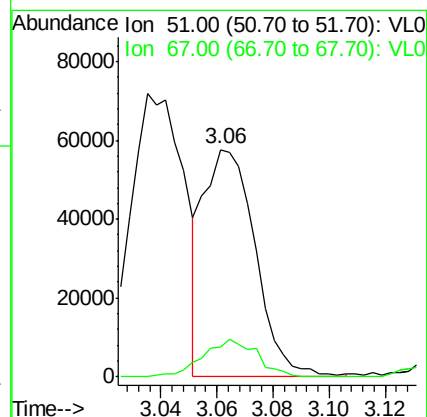
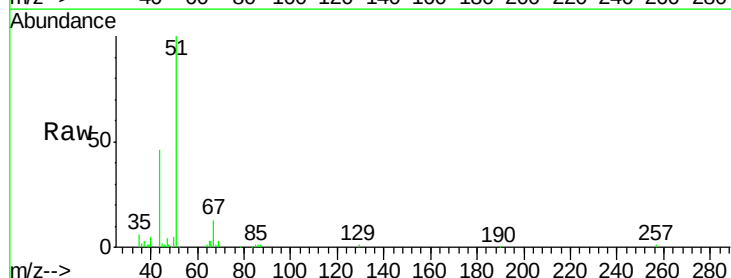
Acq: 19 Jul 2018 23:35

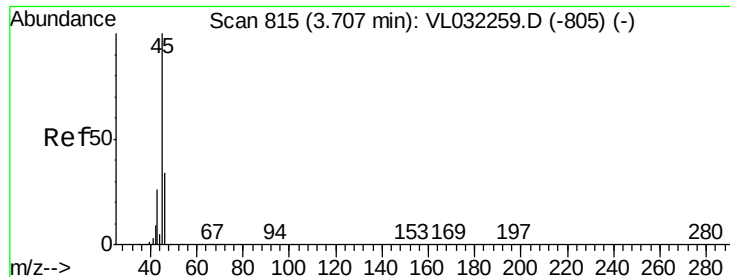
Tgt Ion: 51 Resp: 73285

Ion Ratio Lower Upper

51 100

67 17.4 14.2 21.4





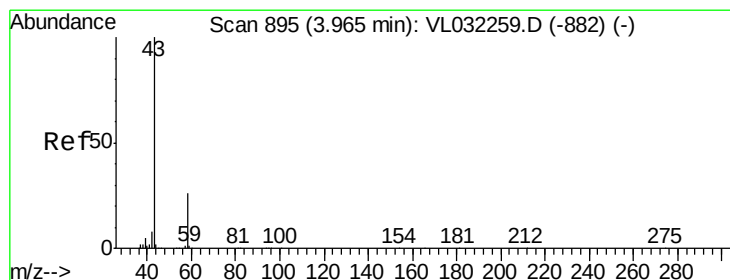
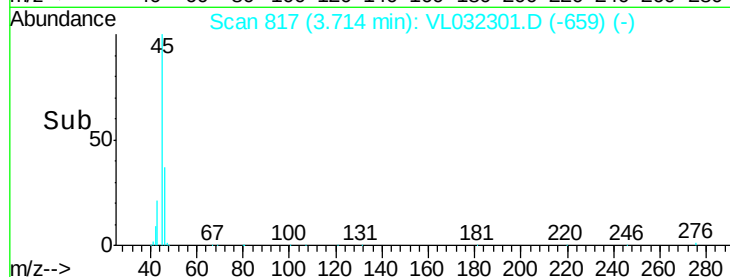
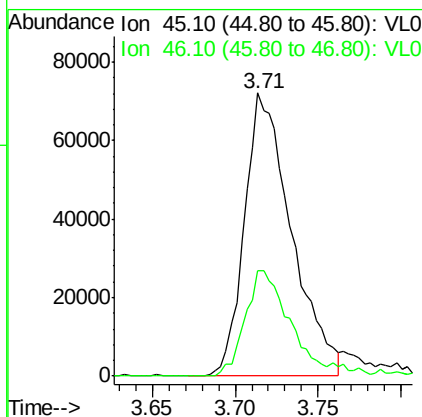
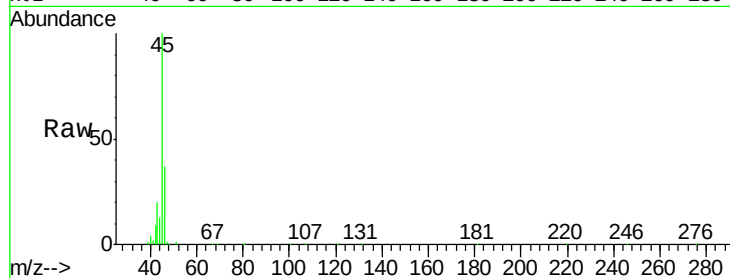
#13
Ethanol
Concen: 6.77 ppbv
RT: 3.71 min Scan# 817
Delta R.T. 0.01 min
Lab File: VL032301.D
Acq: 19 Jul 2018 23:35

Instrument :
MSVOA_L
ClientSampleId :
B-14-AMBIENTDL

Tot Ion	45	46	Ratio	Lower	Upper
141826	100	38.3		15.2	60.8

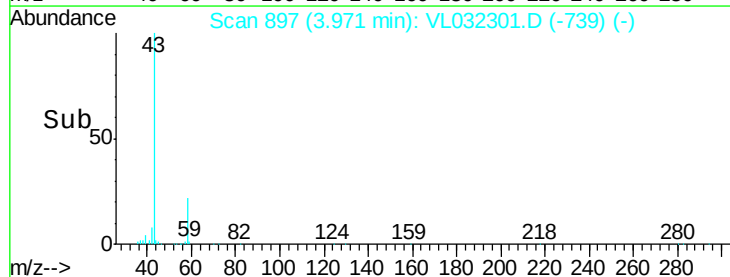
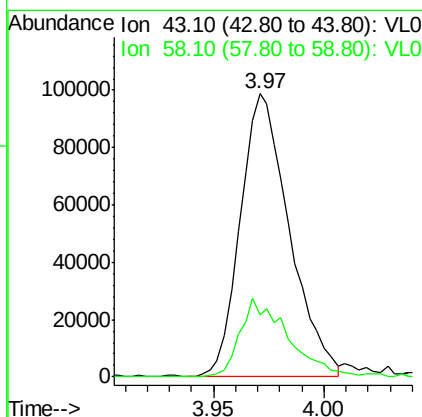
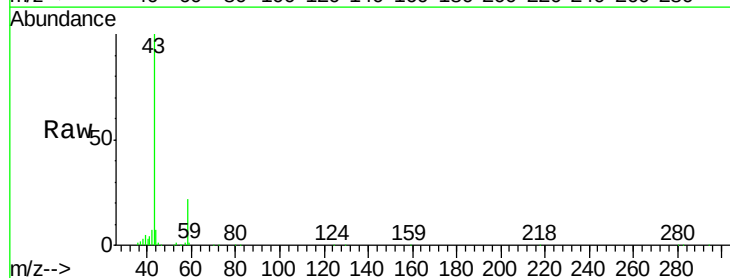
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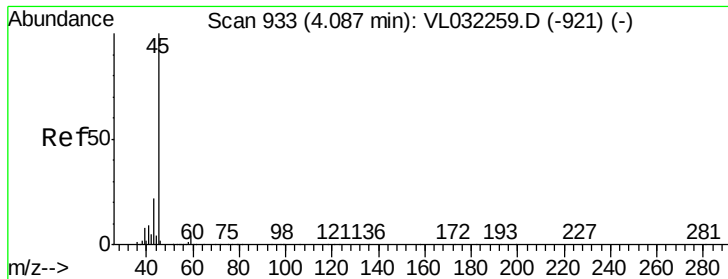
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#15
Acetone
Concen: 0.97 ppbv
RT: 3.97 min Scan# 897
Delta R.T. 0.01 min
Lab File: VL032301.D
Acq: 19 Jul 2018 23:35

Tgt Ion	43	58	Ratio	Lower	Upper
152184	100	27.7		21.8	32.6





#19

Isopropyl Alcohol

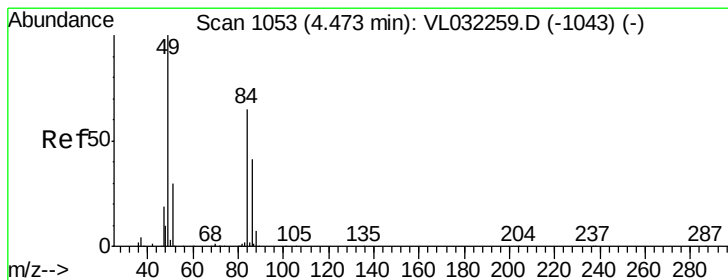
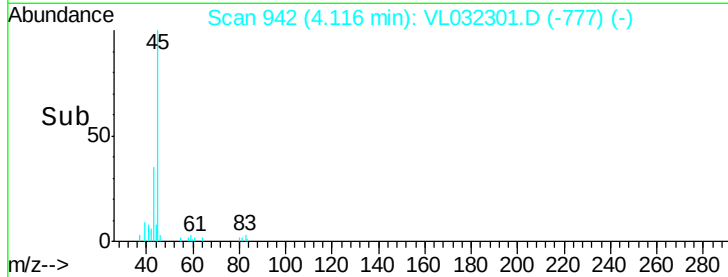
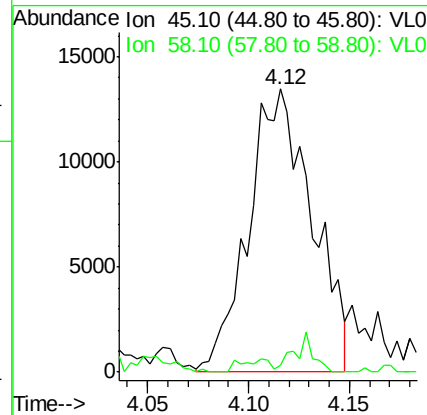
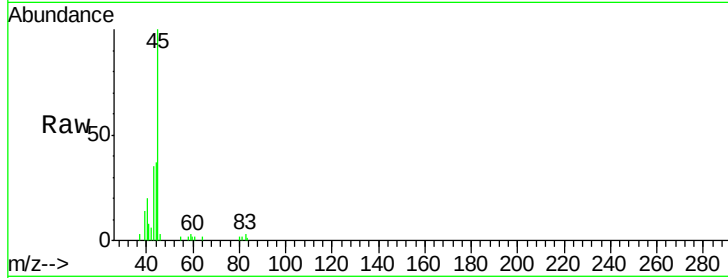
Concen: 0.28 ppbv m
RT: 4.12 min Scan# 942
Delta R.T. 0.03 min
Lab File: VL032301.D
Acq: 19 Jul 2018 23:35

Instrument :
MSVOA_L
ClientSampleId :
B-14-AMBIENTDL

Tot Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.5	2.3#

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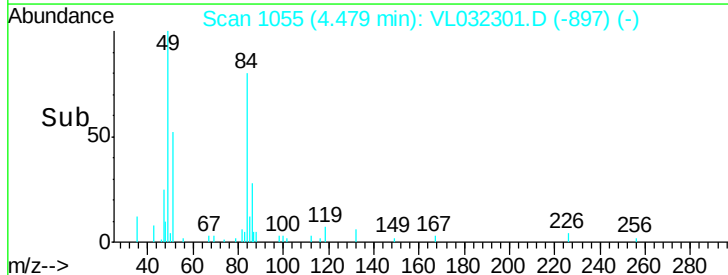
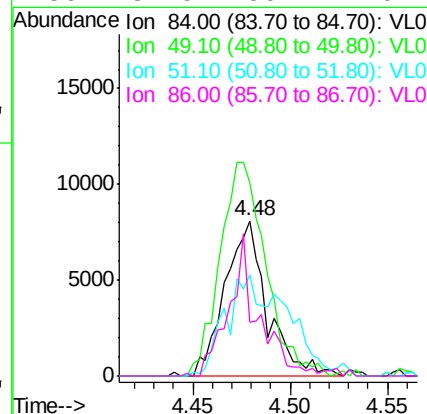
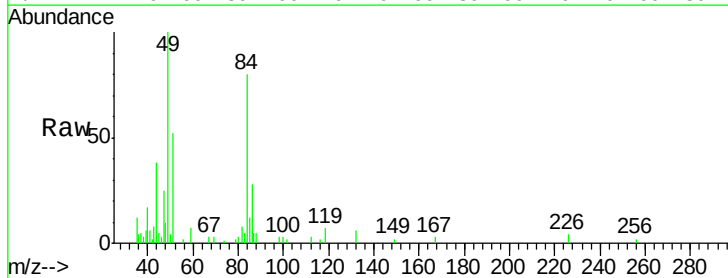


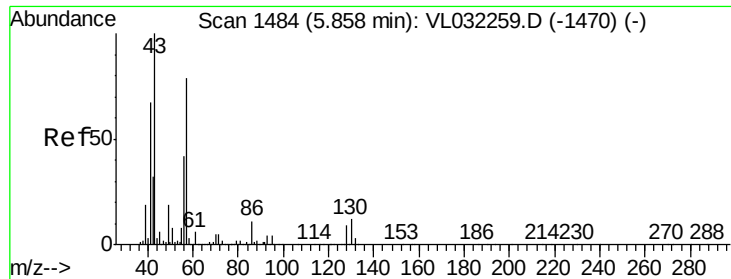
#20

Methylene Chloride

Concen: 0.20 ppbv m
RT: 4.48 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VL032301.D
Acq: 19 Jul 2018 23:35

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.4	122.4	183.6
51	65.1	36.8	55.2#
86	34.5	50.7	76.1#





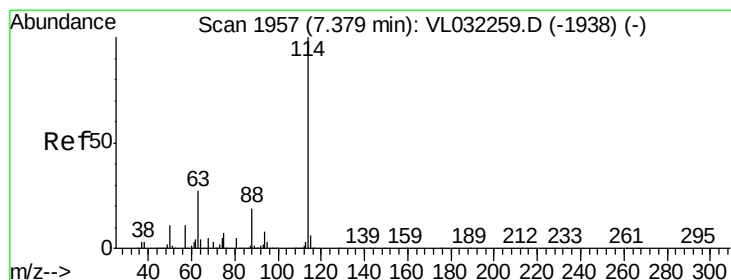
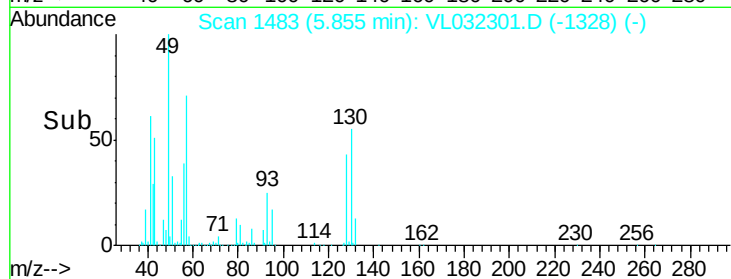
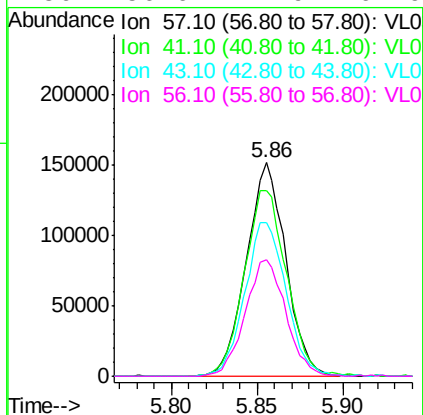
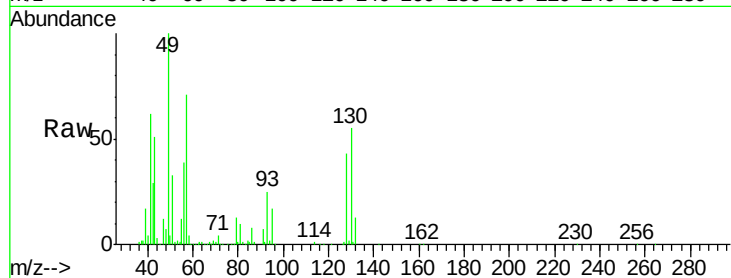
#26
Hexane
Concen: 1.53 ppbv
RT: 5.86 min Scan# 1483
Delta R.T. -0.00 min
Lab File: VL032301.D
Acq: 19 Jul 2018 23:35

Instrument :
MSVOA_L
ClientSampleId :
B-14-AMBIENTDL

Tot Ion	57	Resp	239791
Ion Ratio	Lower	Upper	
57	100		
41	94.1	67.9	101.9
43	76.3	175.9	263.9#
56	56.6	41.9	62.9

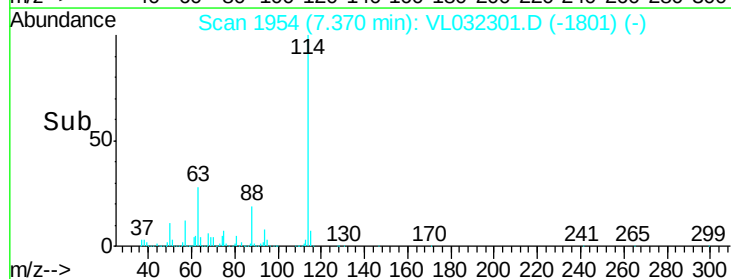
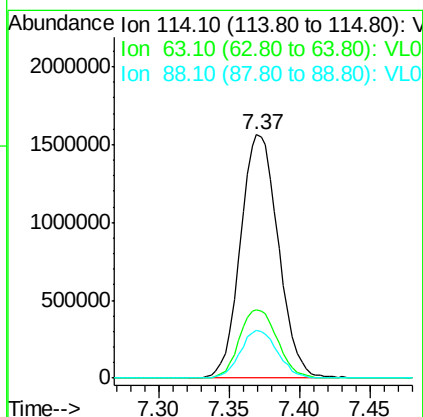
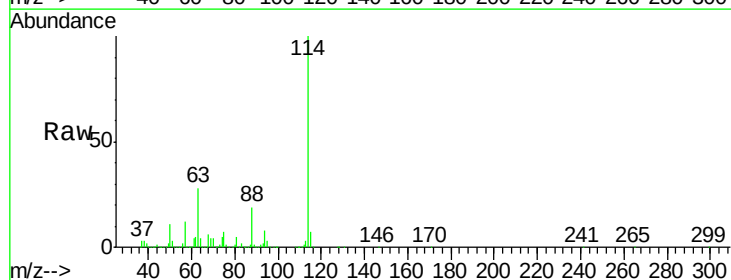
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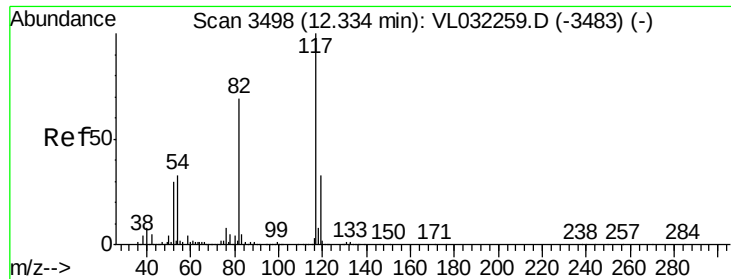
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#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.37 min Scan# 1954
Delta R.T. -0.01 min
Lab File: VL032301.D
Acq: 19 Jul 2018 23:35

Tgt Ion	114	Resp	2943895
Ion Ratio	Lower	Upper	
114	100		
63	28.6	22.6	33.8
88	19.2	15.2	22.8





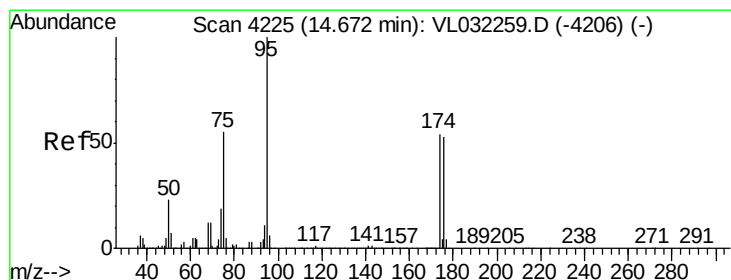
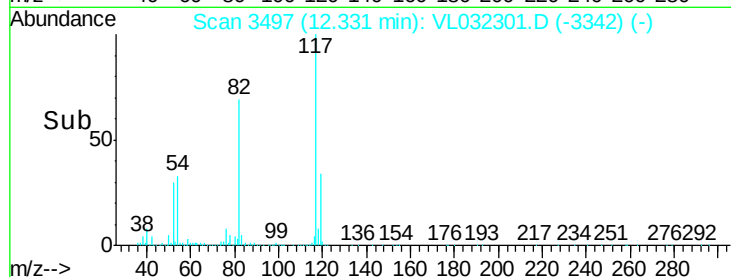
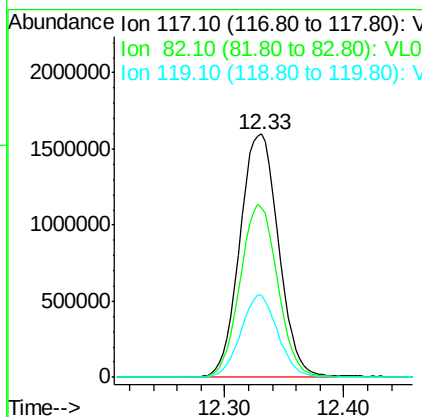
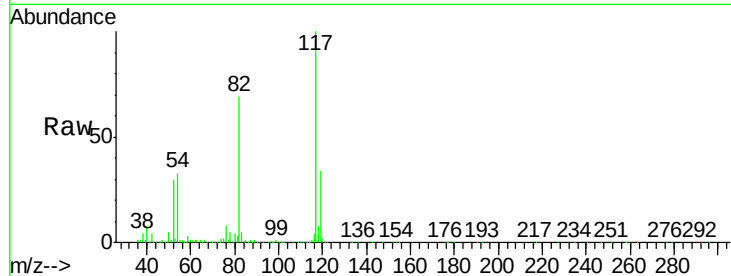
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.33 min Scan# 3497
Delta R.T. -0.00 min
Lab File: VL032301.D
Acq: 19 Jul 2018 23:35

Instrument :
MSVOA_L
ClientSampleId :
B-14-AMBIENTDL

Tot Ion	Ratio	Lower	Upper
117	100		
82	69.7	53.9	80.9
119	32.6	25.5	38.3

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.50 ppbv
RT: 14.67 min Scan# 4223
Delta R.T. -0.01 min
Lab File: VL032301.D
Acq: 19 Jul 2018 23:35

Tgt Ion	Ratio	Lower	Upper
95	100		
174	55.7	44.3	66.5
175	4.0	3.3	4.9

