

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071918\
 Data File : VL032298.D
 Acq On : 19 Jul 2018 21:36
 Operator : SY/AP
 Sample : J4063-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 STORAGE-RM-19-0717-02DL

Manual Integrations
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Quant Time: Jul 20 03:50:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL071818AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 18
 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	5.83	49	1532684	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.37	114	3159110	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.33	117	3642104	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.67	95	2870795	9.72	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	3.06	51	96473	0.56	ppbv	94
9) Propene	3.10	41	13618m	0.18	ppbv	
13) Ethanol	3.72	45	97075m	4.52	ppbv	
15) Acetone	3.96	43	390563	2.43	ppbv	92
19) Isopropyl Alcohol	4.11	45	53554	0.49	ppbv #	1
20) Methylene Chloride	4.47	84	106453	1.72	ppbv #	86
26) Hexane	5.86	57	207310	1.29	ppbv #	45
34) 2-Butanone	5.42	43	28899m	0.13	ppbv	
37) 1,2-Dichloroethane	6.49	62	26066m	0.14	ppbv	
53) Toluene	10.03	91	86200m	0.23	ppbv	

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

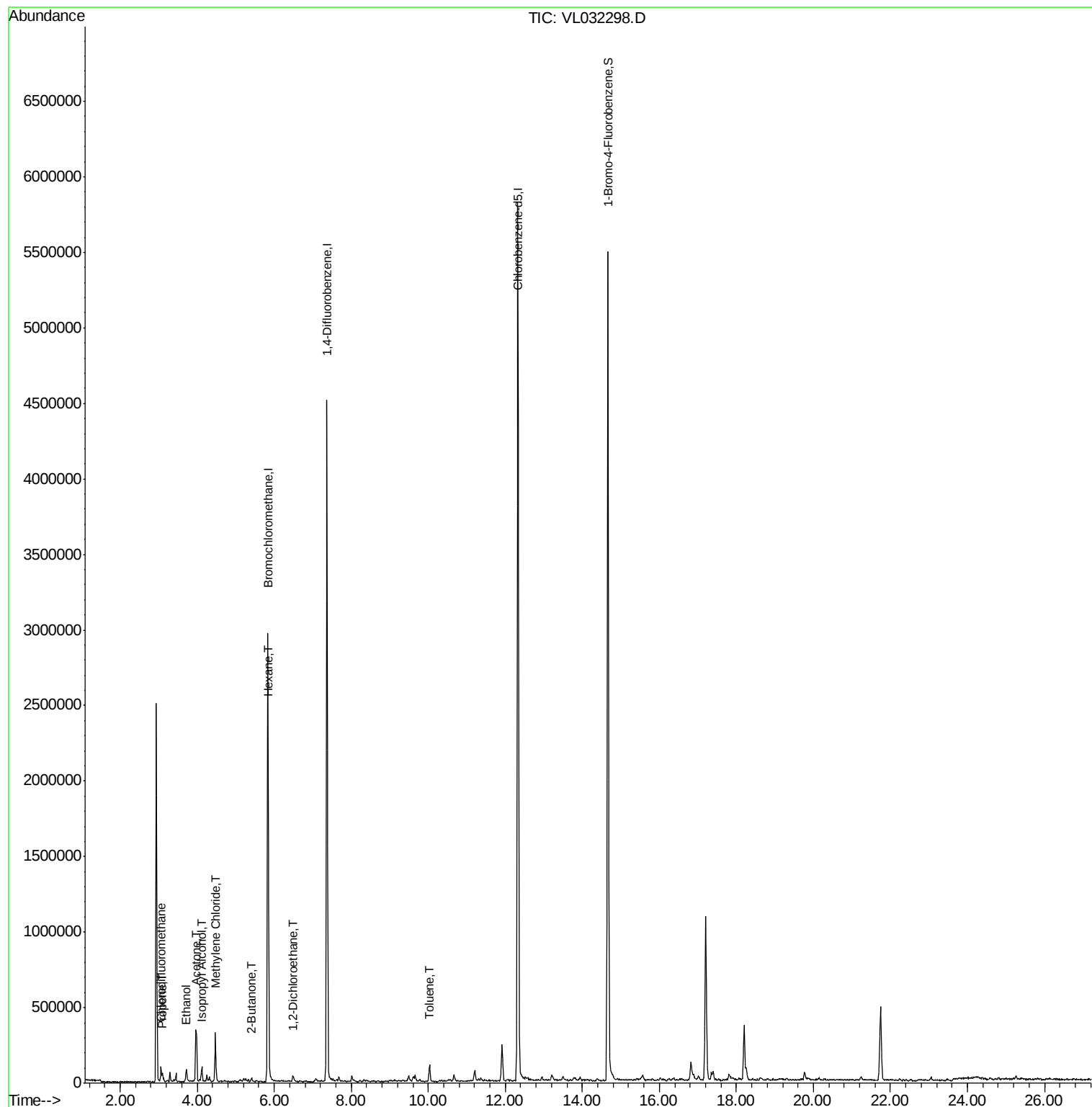
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL071918\
Data File : VL032298.D
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Misc : 400ml/MSVOA L
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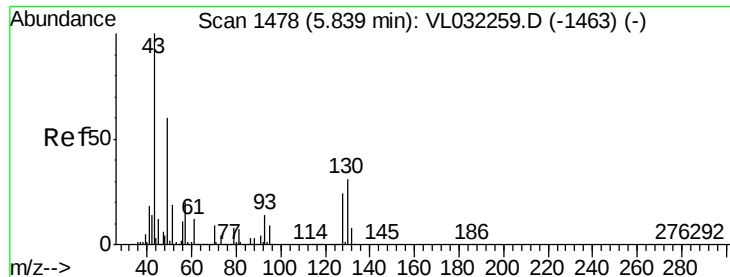
Instrument :
MSVOA_L
ClientSampleId :
STORAGE-RM-19-0717-02DL

Manual Integrations
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Quant Time: Jul 20 03:50:50 2018
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

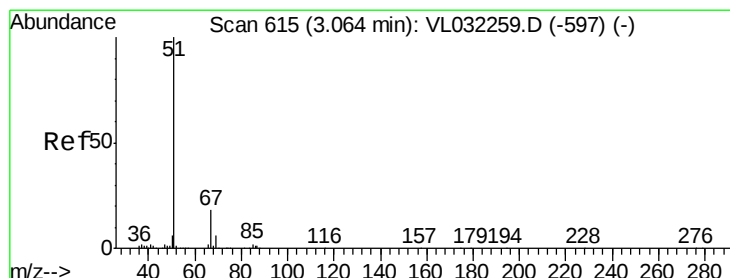
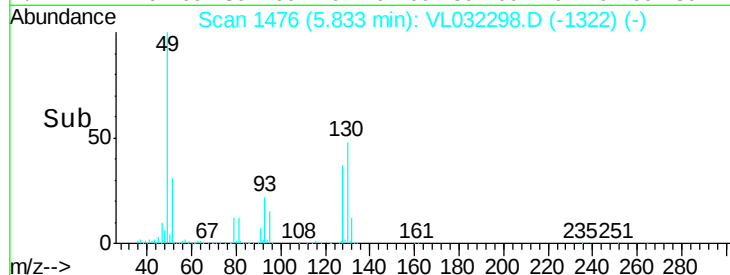
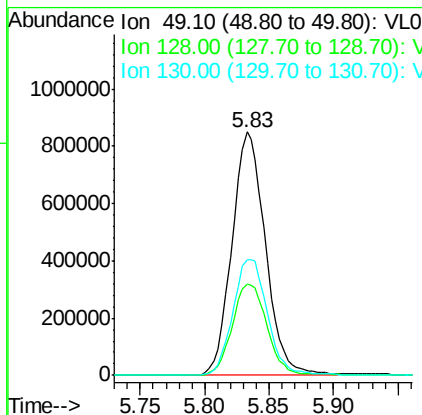
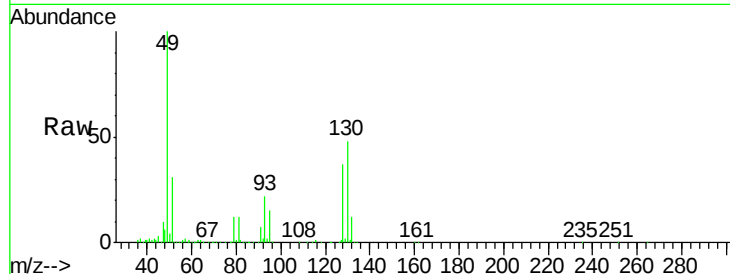
Bromochloromethane
 Concen: 10.00 ppbv
 RT: 5.83 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: VL032298.D
 Acq: 19 Jul 2018 21:36

Instrument :
 MSVOA_L
 ClientSampleId :
 STORAGE-RM-19-0717-02DL

Tot Ion: 49 Resp: 1532684
 Ion Ratio Lower Upper
 49 100
 128 39.6 20.1 60.2
 130 49.9 25.9 77.6

Manual Integrations
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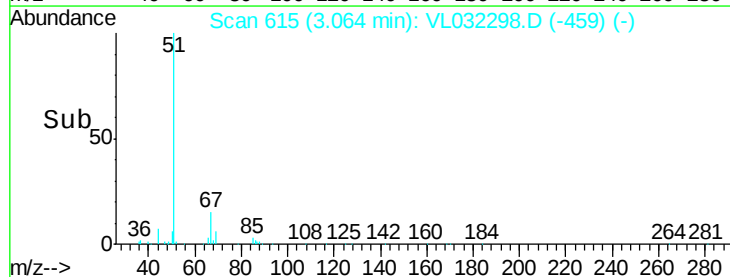
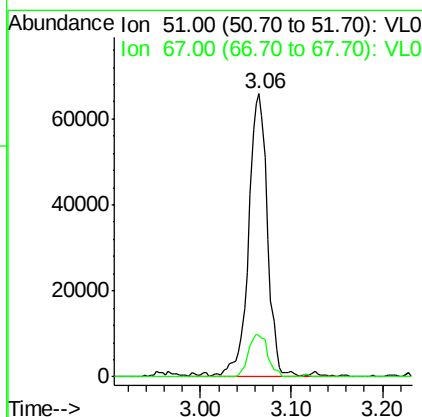
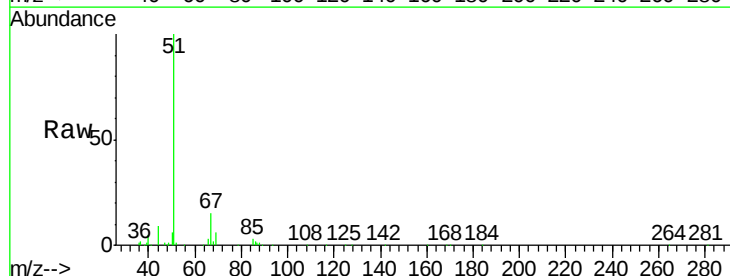
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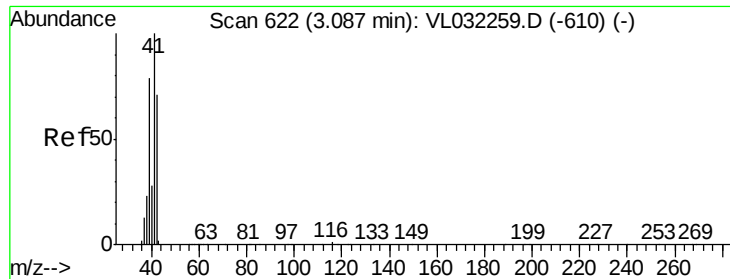


#3

Chlorodifluoromethane
 Concen: 0.56 ppbv
 RT: 3.06 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: VL032298.D
 Acq: 19 Jul 2018 21:36

Tgt Ion: 51 Resp: 96473
 Ion Ratio Lower Upper
 51 100
 67 15.0 14.2 21.4





#9

Propene

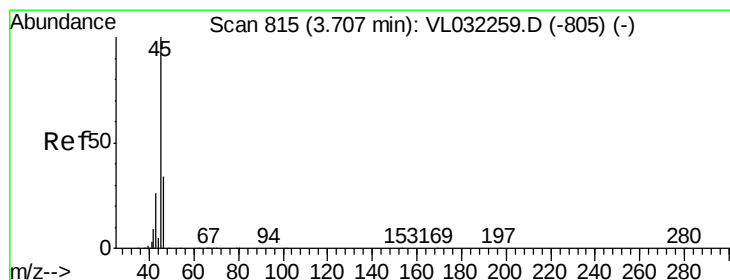
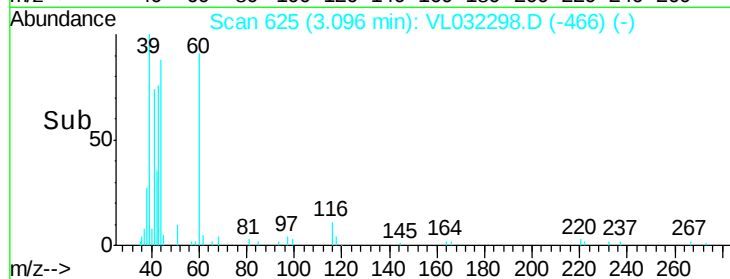
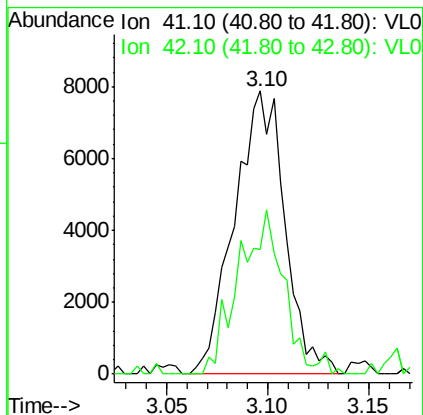
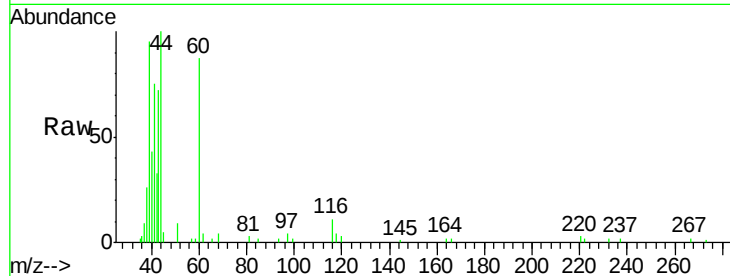
Concen: 0.18 ppbv m
RT: 3.10 min Scan# 625
Delta R.T. 0.01 min
Lab File: VL032298.D
Acq: 19 Jul 2018 21:36

Instrument :
MSVOA_L
ClientSampleId :
STORAGE-RM-19-0717-02DL

Tot Ion	41	Resp	13618
Ion Ratio	100	Lower	Upper
42	0.0	56.2	84.4#

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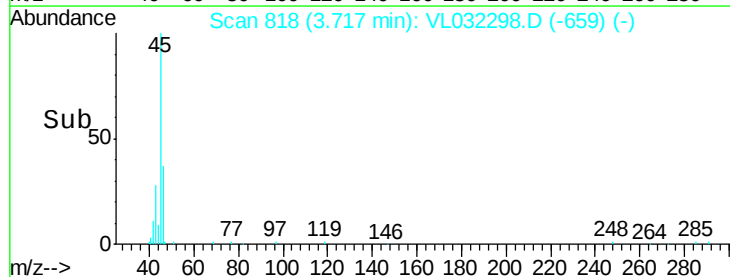
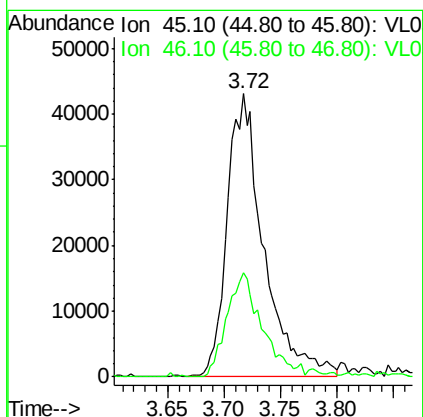
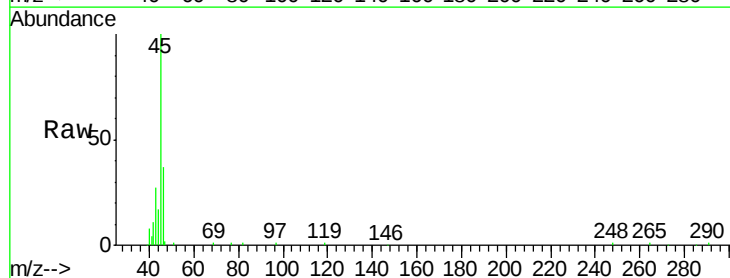


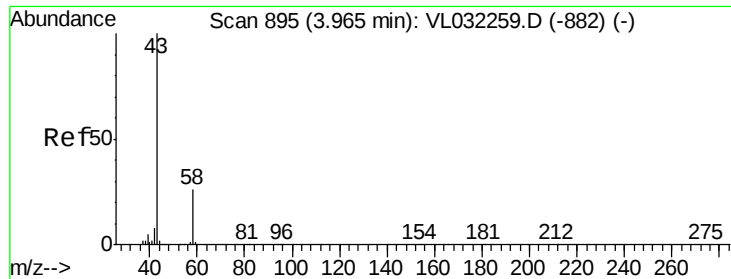
#13

Ethanol

Concen: 4.52 ppbv m
RT: 3.72 min Scan# 818
Delta R.T. 0.01 min
Lab File: VL032298.D
Acq: 19 Jul 2018 21:36

Tgt Ion	45	Resp	97075
Ion Ratio	100	Lower	Upper
46	0.0	15.2	60.8#





#15

Acetone

Concen: 2.43 ppbv

RT: 3.96 min Scan# 895

Delta R.T. 0.00 min

Lab File: VL032298.D

Acq: 19 Jul 2018 21:36

Instrument :

MSVOA_L

ClientSampleId :

STORAGE-RM-19-0717-02DL

Tot Ion: 43 Resp: 390563

Ion Ratio Lower Upper

43 100

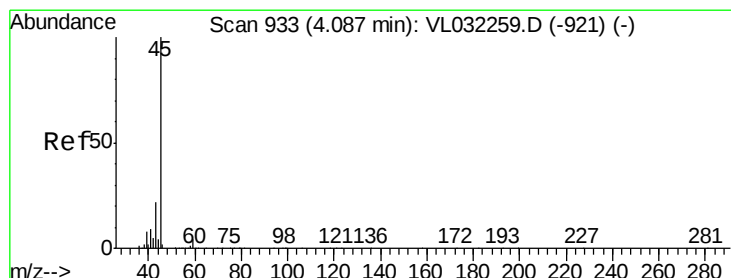
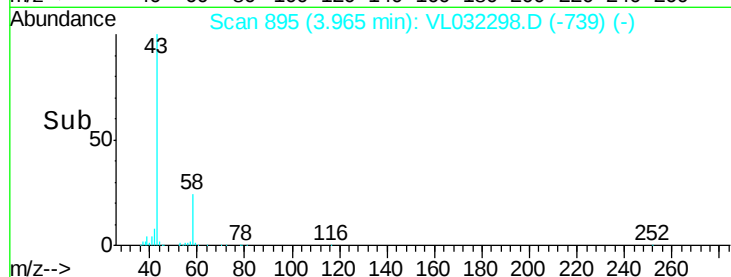
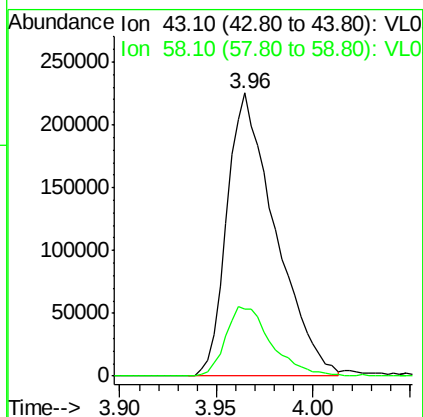
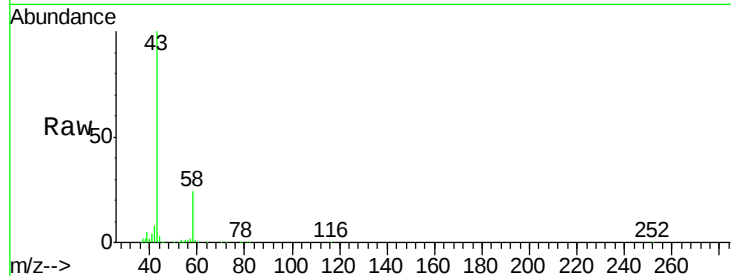
58 23.2 21.8 32.6

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#19

Isopropyl Alcohol

Concen: 0.49 ppbv

RT: 4.11 min Scan# 940

Delta R.T. 0.02 min

Lab File: VL032298.D

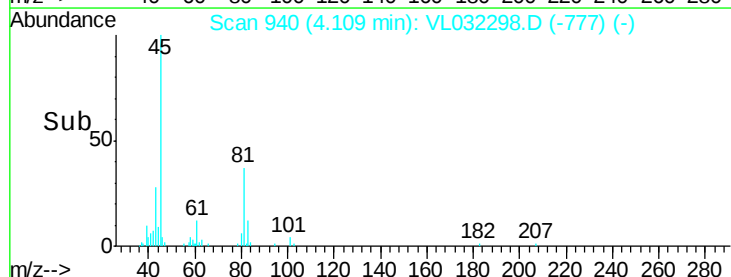
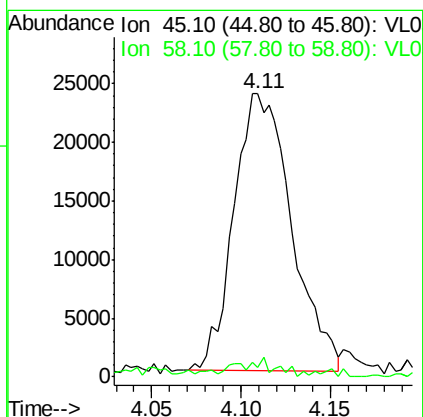
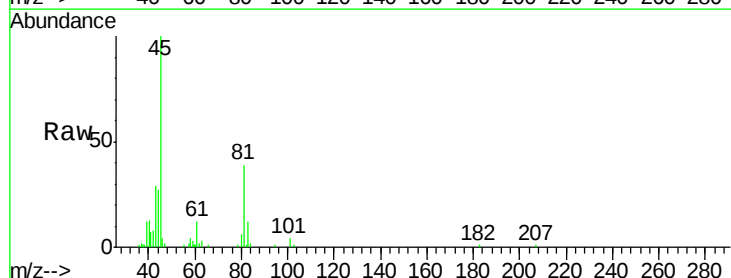
Acq: 19 Jul 2018 21:36

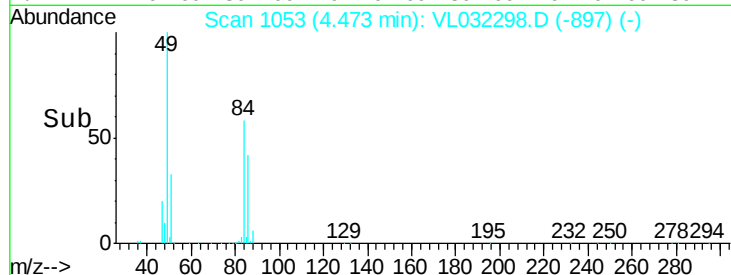
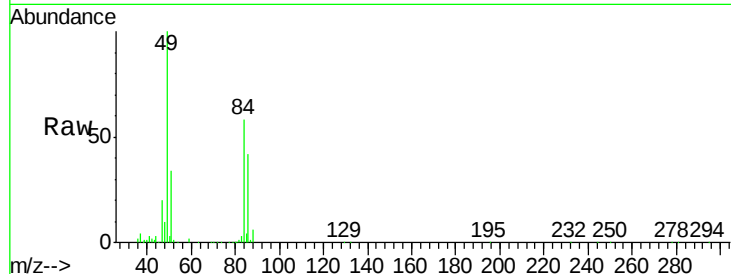
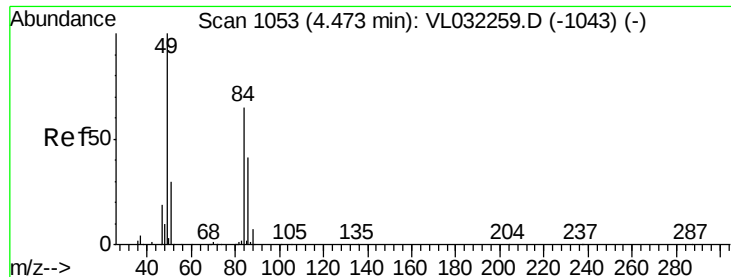
Tgt Ion: 45 Resp: 53554

Ion Ratio Lower Upper

45 100

58 170.2 1.5 2.3#





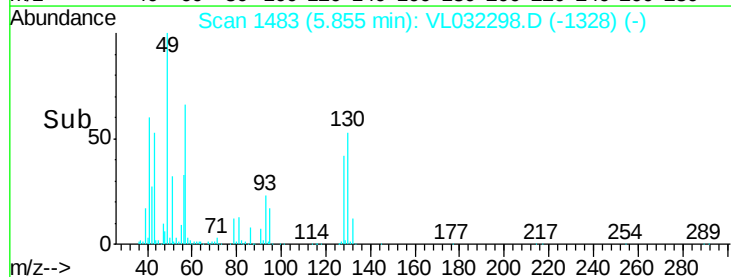
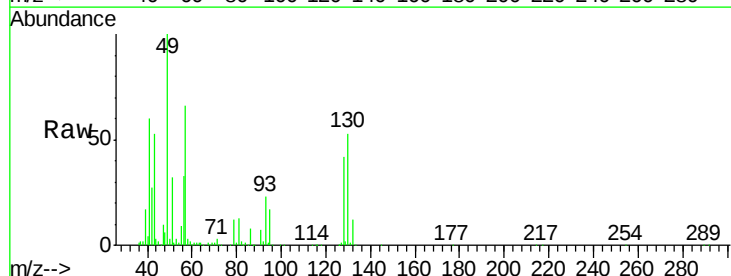
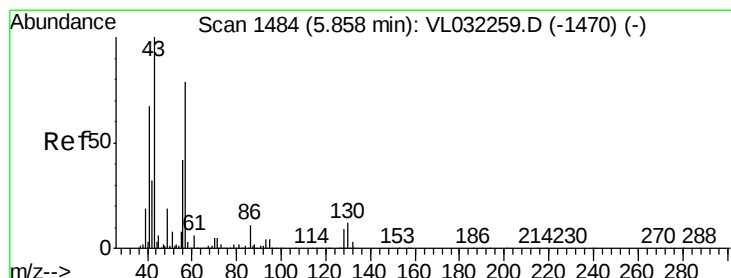
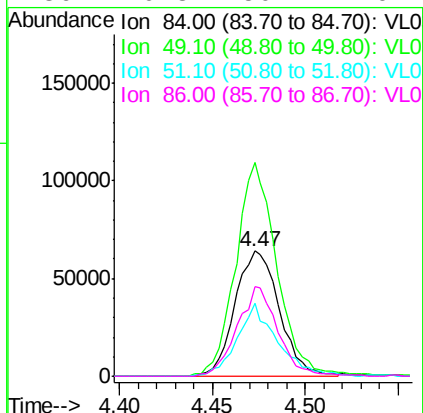
#20
Methvlene Chloride
Concen: 1.72 ppbv
RT: 4.47 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VL032298.D
Acq: 19 Jul 2018 21:36

Tot Ion	84	Resp	106453
Ion	Ratio	Lower	Upper
84	100		
49	170.8	122.4	183.6
51	57.8	36.8	55.2#
86	70.8	50.7	76.1

Instrument :
MSVOA_L
ClientSampleId :
STORAGE-RM-19-0717-02DL

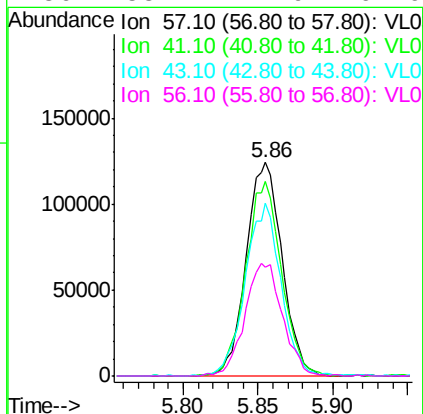
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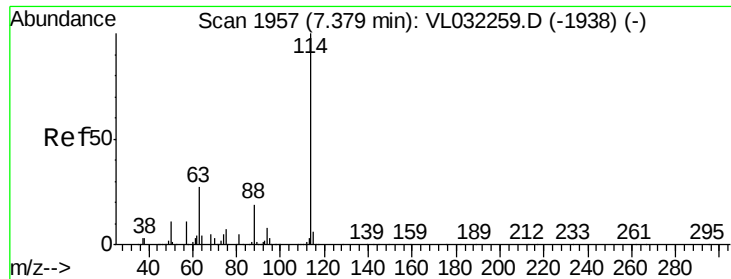
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#26
Hexane
Concen: 1.29 ppbv
RT: 5.86 min Scan# 1483
Delta R.T. -0.00 min
Lab File: VL032298.D
Acq: 19 Jul 2018 21:36

Tgt Ion	57	Resp	207310
Ion	Ratio	Lower	Upper
57	100		
41	91.6	67.9	101.9
43	81.2	175.9	263.9#
56	55.4	41.9	62.9





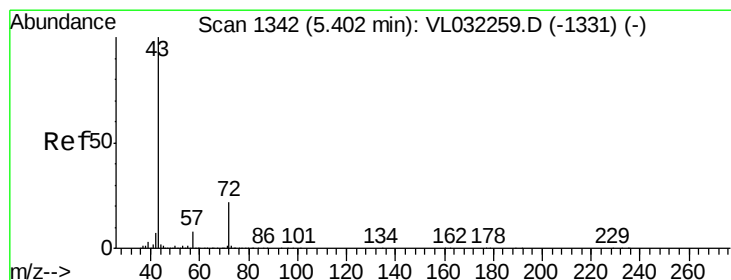
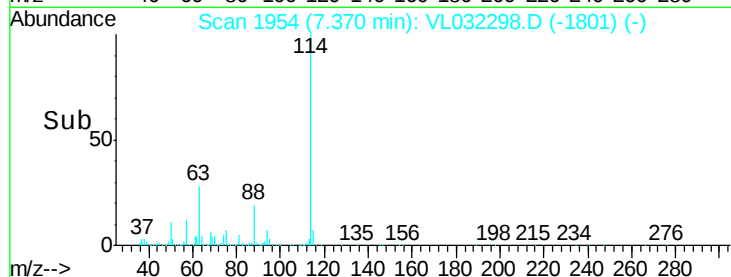
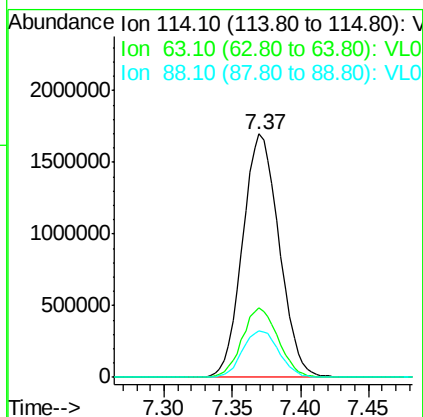
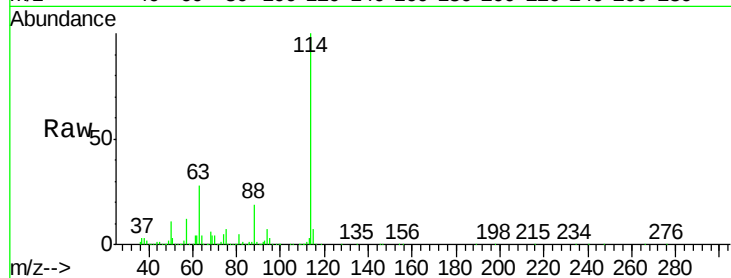
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.37 min Scan# 1954
 Delta R.T. -0.01 min
 Lab File: VL032298.D
 Acq: 19 Jul 2018 21:36

Instrument :
 MSVOA_L
 ClientSampleId :
 STORAGE-RM-19-0717-02DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	28.2	22.6	33.8
88	19.3	15.2	22.8

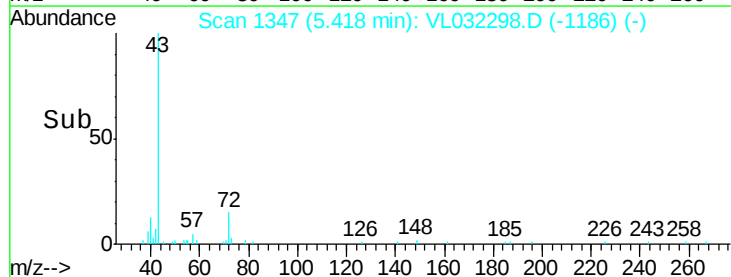
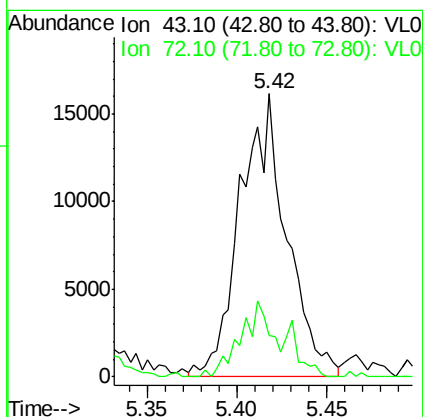
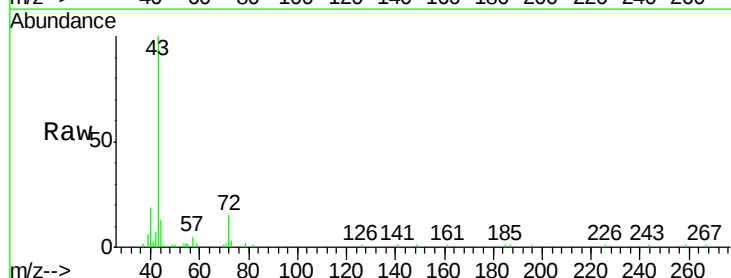
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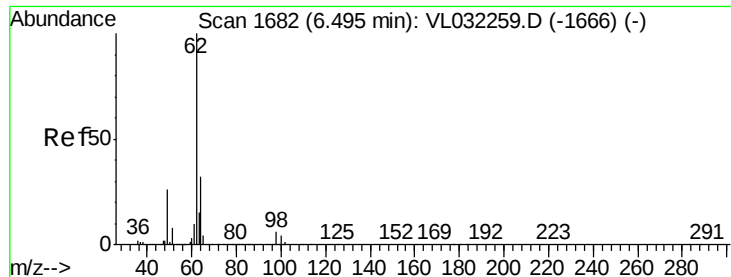
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#34
 2-Butanone
 Concen: 0.13 ppbv m
 RT: 5.42 min Scan# 1347
 Delta R.T. 0.02 min
 Lab File: VL032298.D
 Acq: 19 Jul 2018 21:36

Tgt Ion	Ratio	Lower	Upper
43	100		
72	23.8	17.7	26.5





#37

1,2-Dichloroethane

Concen: 0.14 ppbv m

RT: 6.49 min Scan# 1679

Delta R.T. -0.01 min

Lab File: VL032298.D

Acq: 19 Jul 2018 21:36

Instrument :

MSVOA_L

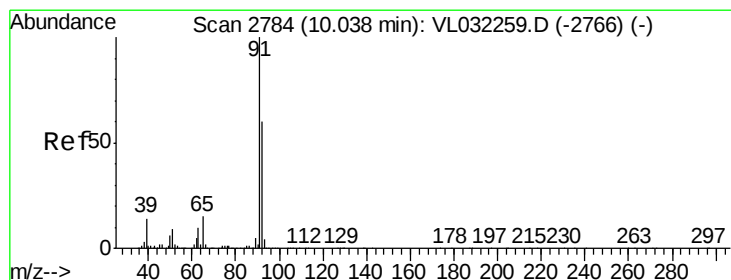
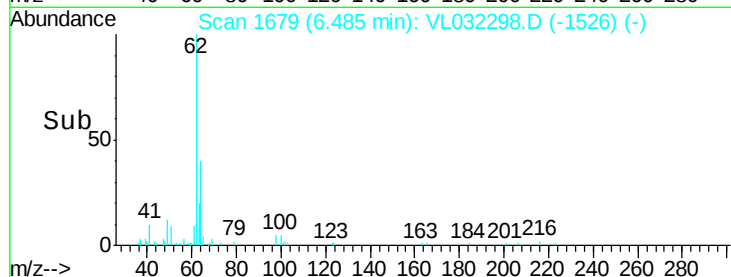
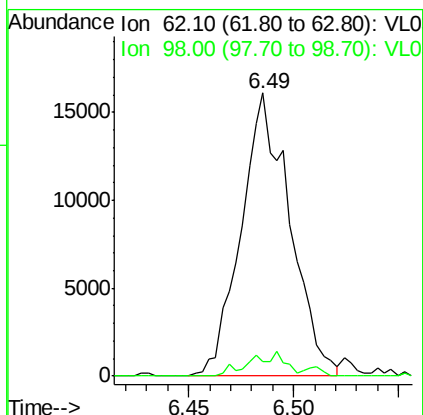
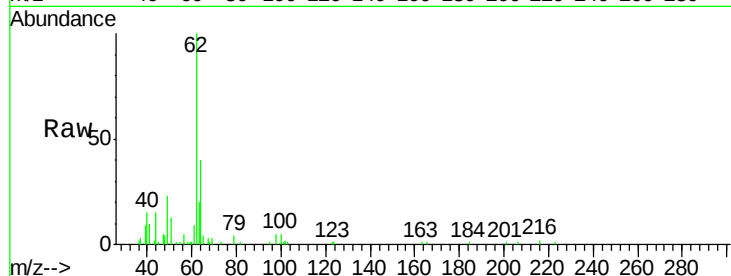
ClientSampleId :

STORAGE-RM-19-0717-02DL

Tot Ion	Ratio	Lower	Upper
62	100		
98	0.0	4.9	7.3#

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#53

Toluene

Concen: 0.23 ppbv m

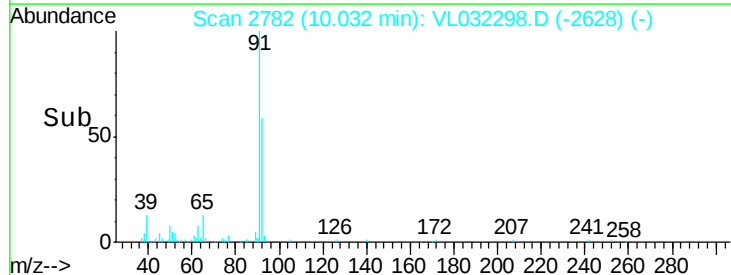
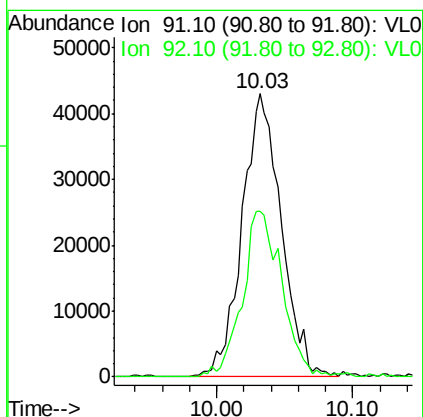
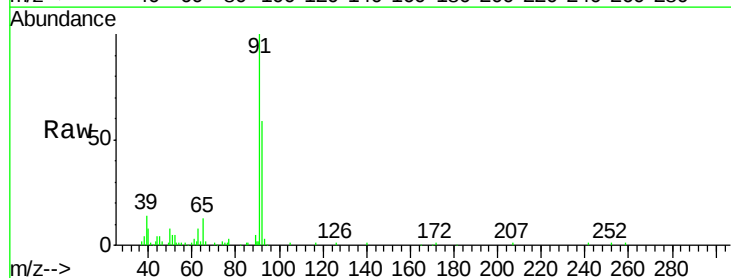
RT: 10.03 min Scan# 2782

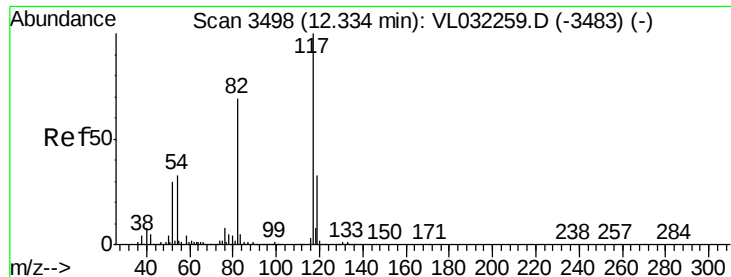
Delta R.T. -0.01 min

Lab File: VL032298.D

Acq: 19 Jul 2018 21:36

Tgt Ion	Ratio	Lower	Upper
91	100		
92	59.6	48.6	72.8





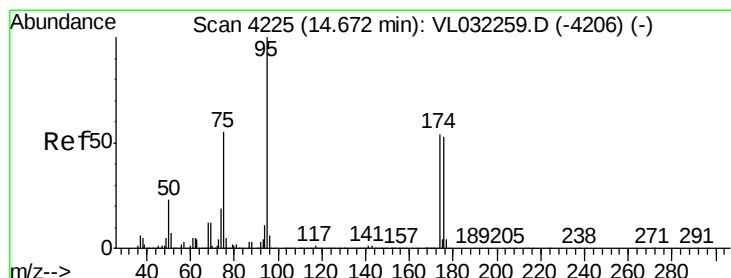
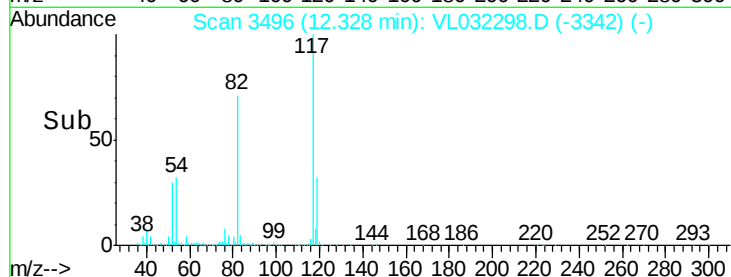
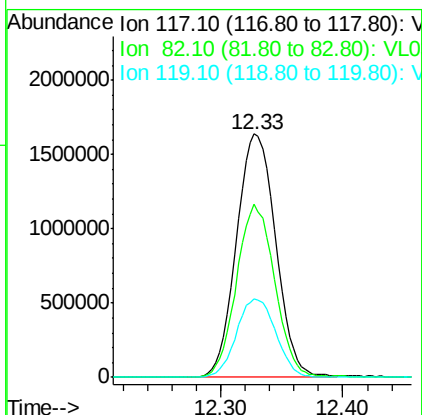
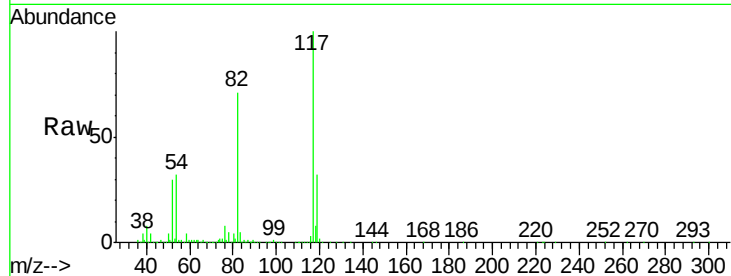
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.33 min Scan# 3496
Delta R.T. -0.01 min
Lab File: VL032298.D
Acq: 19 Jul 2018 21:36

Instrument :
MSVOA_L
ClientSampleId :
STORAGE-RM-19-0717-02DL

Tot Ion:117 Resp: 3642104
Ion Ratio Lower Upper
117 100
82 70.0 53.9 80.9
119 32.6 25.5 38.3

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.72 ppbv
RT: 14.67 min Scan# 4223
Delta R.T. -0.01 min
Lab File: VL032298.D
Acq: 19 Jul 2018 21:36

Tgt Ion: 95 Resp: 2870795
Ion Ratio Lower Upper
95 100
174 55.9 44.3 66.5
175 4.0 3.3 4.9

