

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL102418\
 Data File : VL032694.D
 Acq On : 24 Oct 2018 19:16
 Operator : SY/AP
 Sample : J5164-15 0.4 LOD
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT4-2018 0.4 LOD

Manual Integrations
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Quant Time: Oct 25 07:07:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL101818AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct 25 07:07:36 2018
 QLast Update : Thu Oct 25 05:15:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1431887	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3468545	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3333344	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.59	95	2570750	10.36	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.68	45	8678m	0.659	ppbv	
40) 1,4-Dioxane	8.02	88	13685m	0.368	ppbv	
66) Benzyl Chloride	17.18	91	67891	0.328	ppbv	95

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

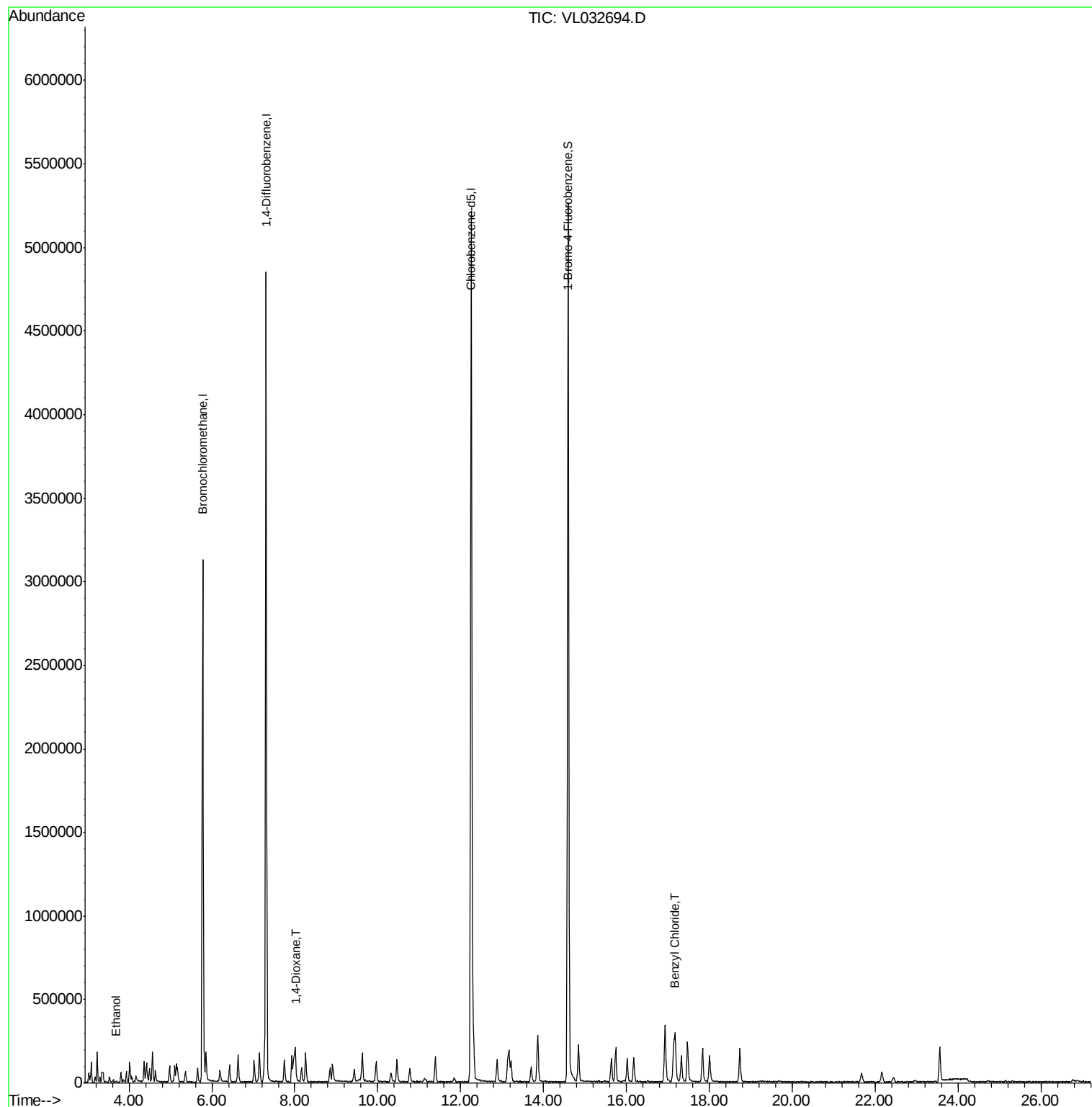
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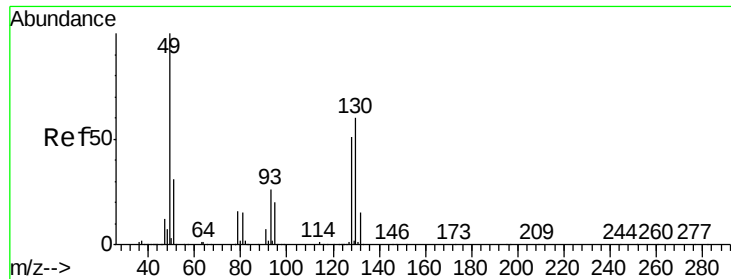
Instrument :
MSVOA_L
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MDL-AIR-03-QT4-2018 0.4 LOD

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QLast Update : Thu Oct 25 05:15:43 2018
Response via : Initial Calibration

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 882

Delta R.T. -0.01 min

Lab File: VL032694.D

Acq: 24 Oct 2018 19:16

Instrument :

MSVOA_L

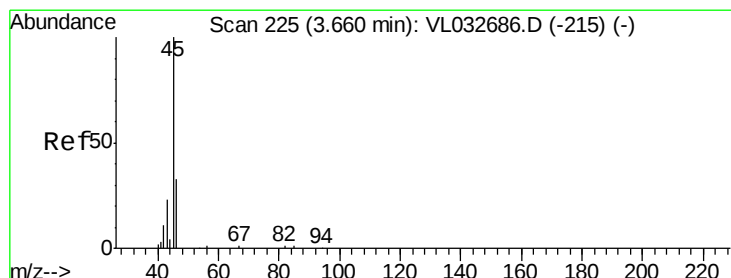
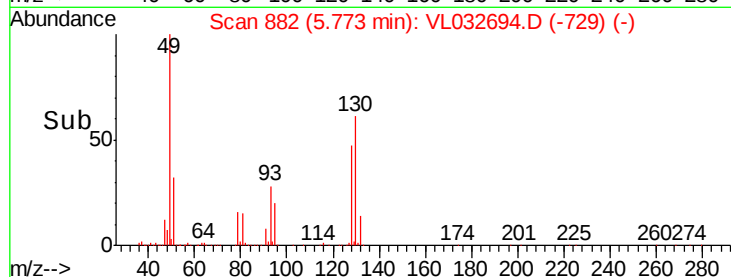
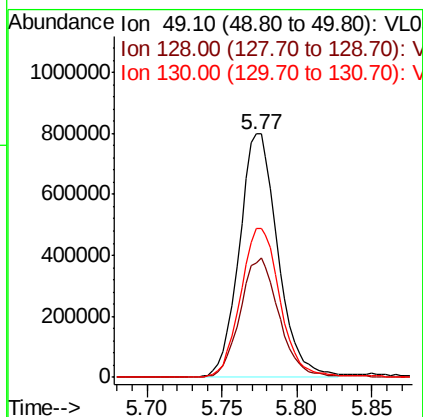
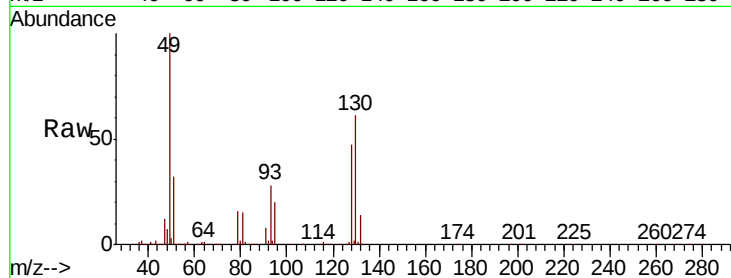
ClientSampleId :

MDL-AIR-03-QT4-2018 0.4 LOD

Tot Ion:	49	Resp:	1431887
Ion	Ratio	Lower	Upper
49	100		
128	50.1	22.3	66.8
130	63.5	28.4	85.3

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#13

Ethanol

Concen: 0.659 ppbv m

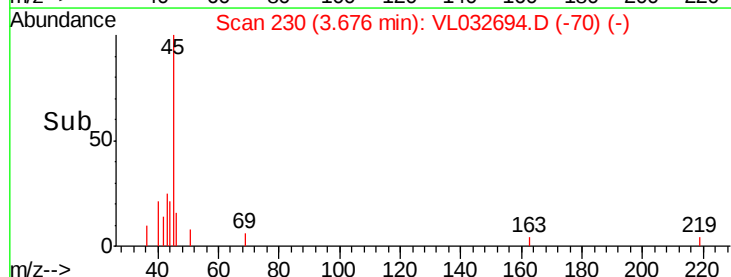
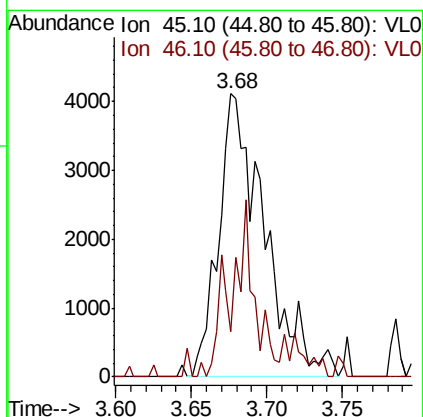
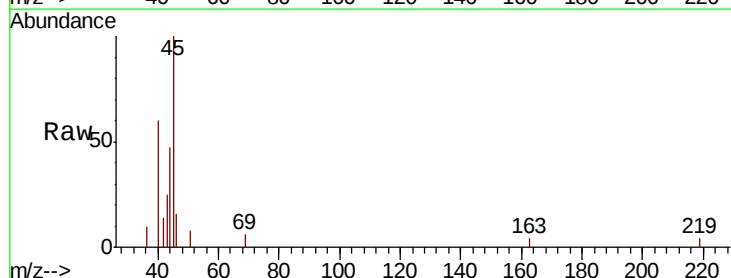
RT: 3.68 min Scan# 230

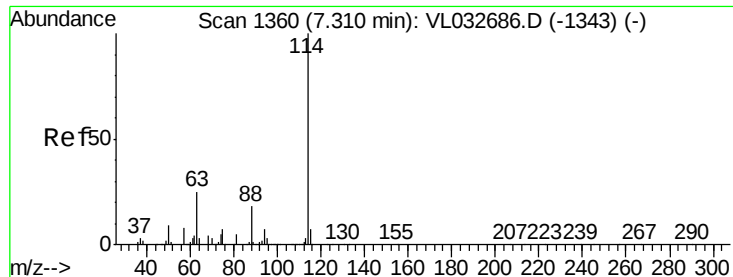
Delta R.T. 0.02 min

Lab File: VL032694.D

Acq: 24 Oct 2018 19:16

Tgt Ion:	45	Resp:	8678
Ion	Ratio	Lower	Upper
45	100		
46	0.0	15.4	61.8#





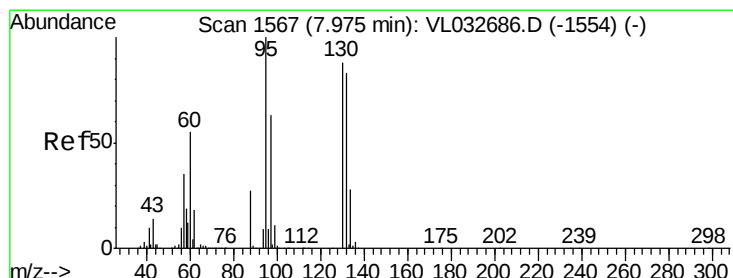
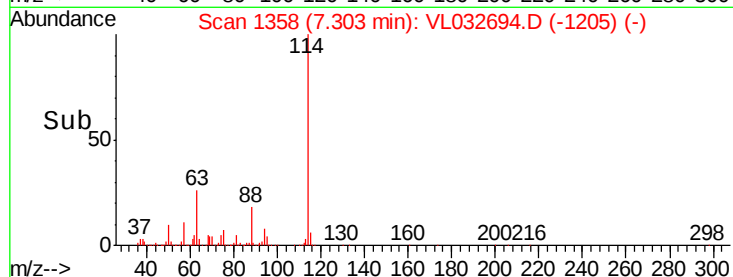
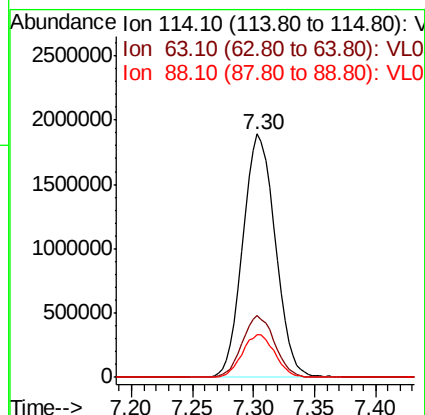
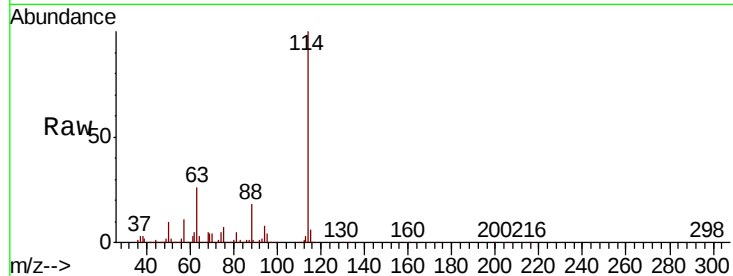
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.30 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: VL032694.D
 Acq: 24 Oct 2018 19:16

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT4-2018 0.4 LOD

Tot Ion	Ratio	Lower	Upper
114	100		
63	25.3	21.7	32.5
88	17.7	14.9	22.3

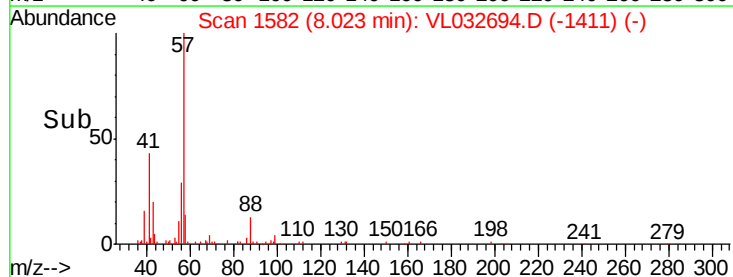
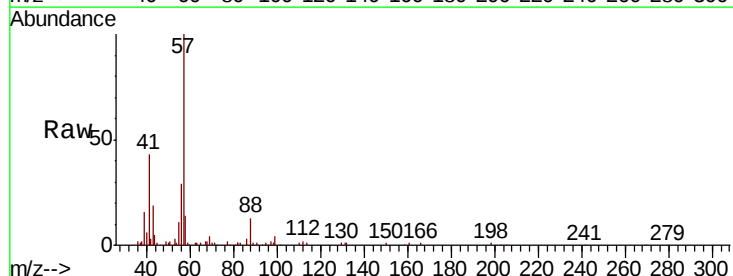
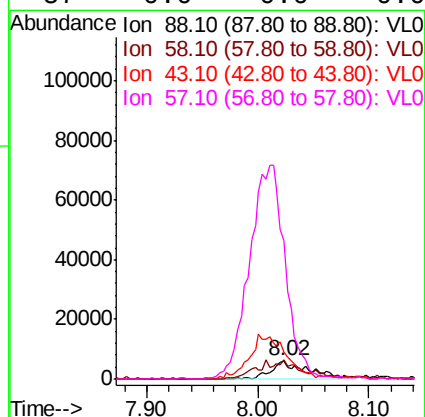
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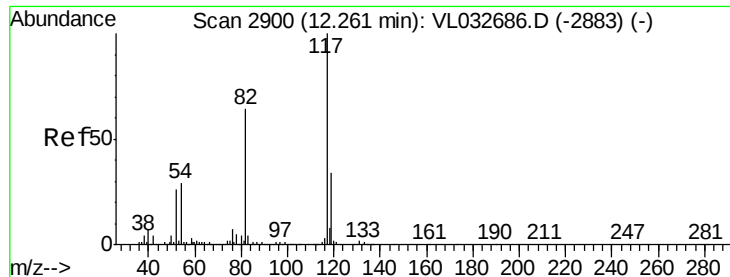
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#40
 1,4-Dioxane
 Concen: 0.368 ppbv m
 RT: 8.02 min Scan# 1582
 Delta R.T. 0.05 min
 Lab File: VL032694.D
 Acq: 24 Oct 2018 19:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	104.0	156.0#
43	0.0	0.0	0.0
57	0.0	0.0	0.0





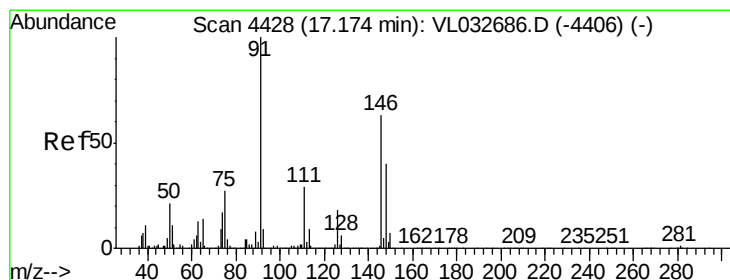
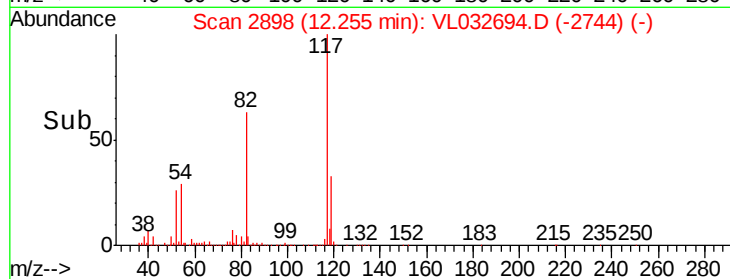
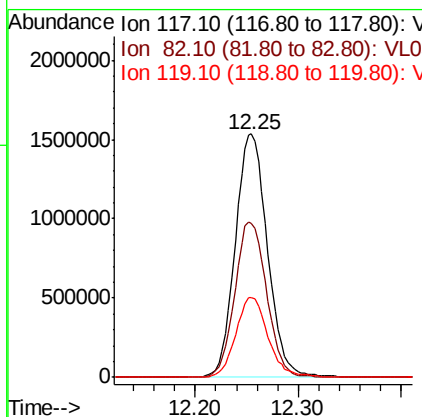
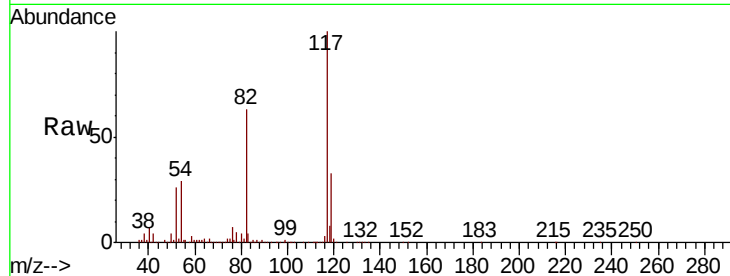
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2898
Delta R.T. -0.00 min
Lab File: VL032694.D
Acq: 24 Oct 2018 19:16

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2018 0.4 LOD

Tot Ion:117 Resp: 3333344
Ion Ratio Lower Upper
117 100
82 63.3 52.7 79.1
119 33.3 26.7 40.1

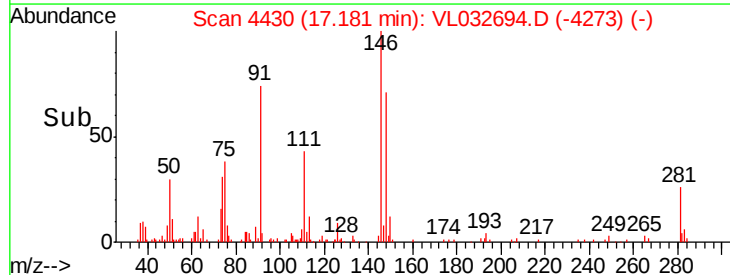
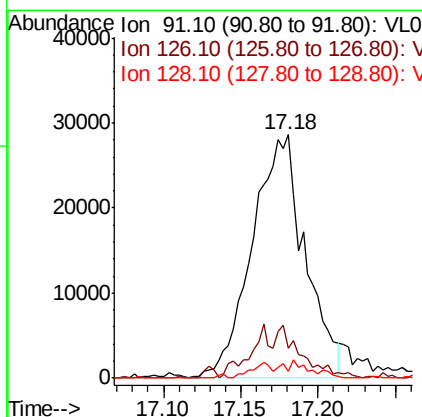
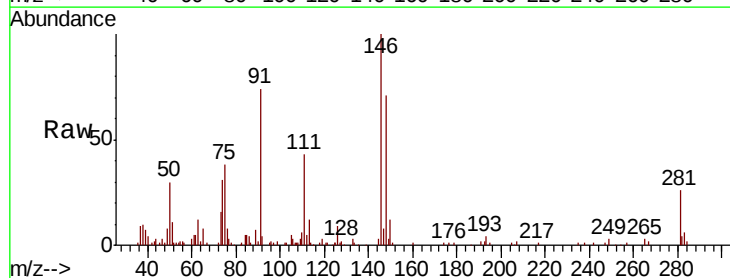
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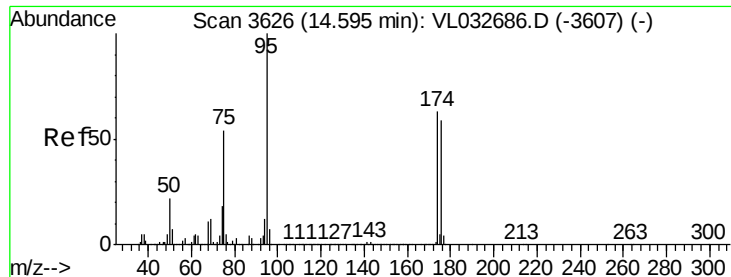
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#66
Benzyl Chloride
Concen: 0.328 ppbv
RT: 17.18 min Scan# 4430
Delta R.T. 0.01 min
Lab File: VL032694.D
Acq: 24 Oct 2018 19:16

Tgt Ion: 91 Resp: 67891
Ion Ratio Lower Upper
91 100
126 19.9 13.9 20.9
128 6.4 4.3 6.5





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.358 ppbv
 RT: 14.59 min Scan# 3625
 Delta R.T. -0.00 min
 Lab File: VL032694.D
 Acq: 24 Oct 2018 19:16

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT4-2018 0.4 LOD

Tot Ion	Ratio	Lower	Upper
95	100		
174	64.1	46.0	69.0
175	4.6	3.4	5.0

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