

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070218\
 Data File : VL032188.D
 Acq On : 2 Jul 2018 19:08
 Operator : SY/AP
 Sample : J3599-01DL2 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 B-1-EFFLUENTDL2

Manual Integrations
 APPROVED

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 7/3/2018 5:17:14 PM

Quant Time: Jul 03 05:42:58 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	1491505	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.38	114	4003068	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.34	117	3610005	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.68	95	2831968	10.26	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	3.07	51	28075	0.15	ppbv	# 87
13) Ethanol	3.73	45	14315m	0.56	ppbv	
15) Acetone	3.98	43	56010	0.32	ppbv	96
20) Methylene Chloride	4.48	84	66585	1.04	ppbv	95
26) Hexane	5.87	57	82846	0.50	ppbv	# 45

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

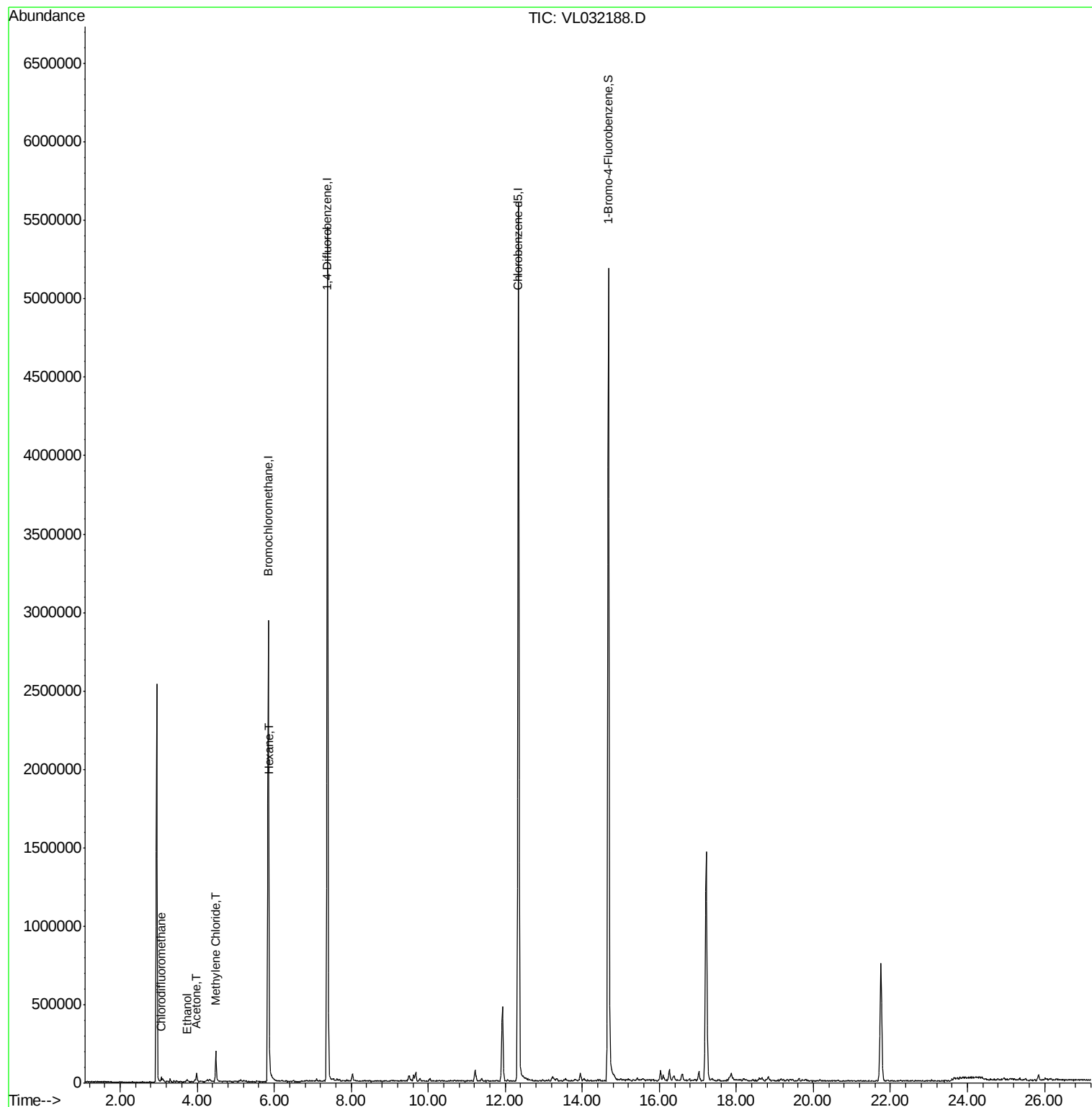
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL070218\
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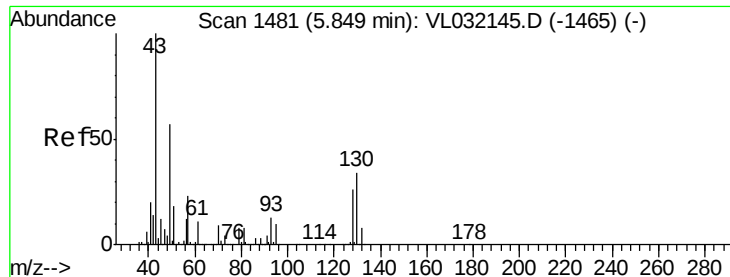
Instrument :
MSVOA_L
ClientSampleId :
B-1-EFFLUENTDL2

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#1

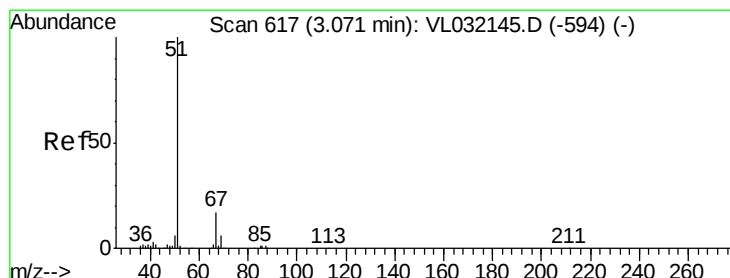
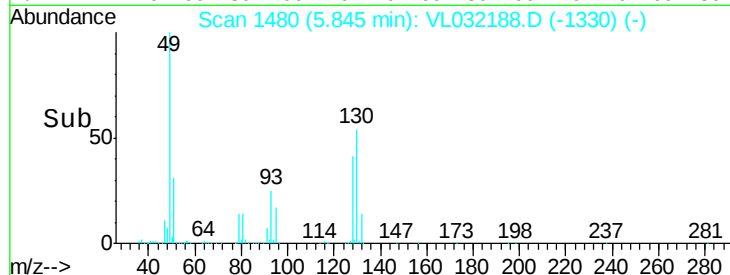
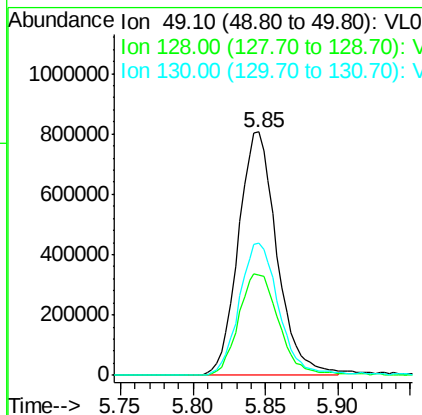
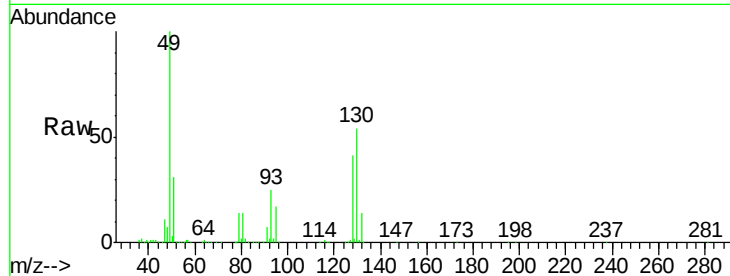
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.85 min Scan# 1480
Delta R.T. -0.02 min
Lab File: VL032188.D
Acq: 2 Jul 2018 19:08

Instrument :
MSVOA_L
ClientSampleId :
B-1-EFFLUENTDL2

Tot Ion: 49 Resp: 1491505
Ion Ratio Lower Upper
49 100
128 44.8 23.4 70.0
130 56.9 30.3 90.9

Manual Integrations
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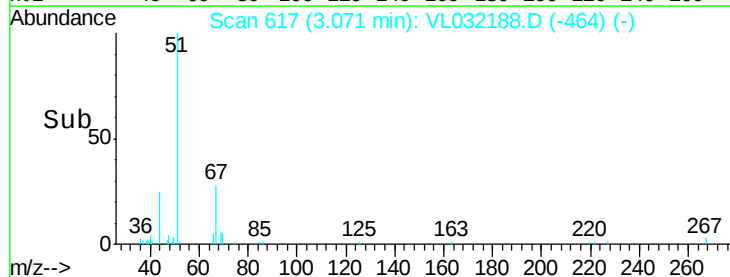
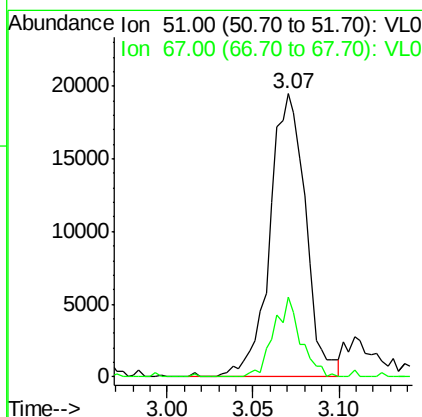
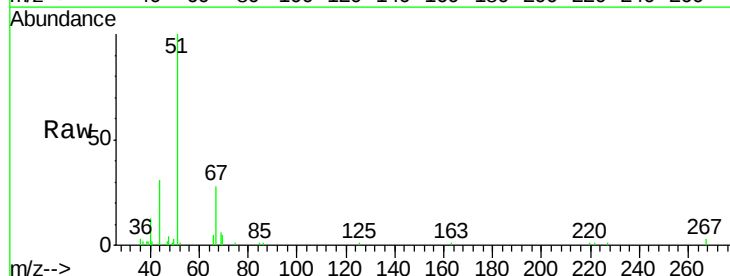
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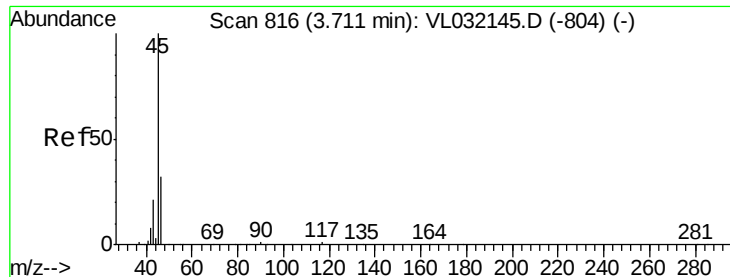


#3

Chlorodifluoromethane
Concen: 0.15 ppbv
RT: 3.07 min Scan# 617
Delta R.T. -0.01 min
Lab File: VL032188.D
Acq: 2 Jul 2018 19:08

Tgt Ion: 51 Resp: 28075
Ion Ratio Lower Upper
51 100
67 21.9 13.2 19.8#





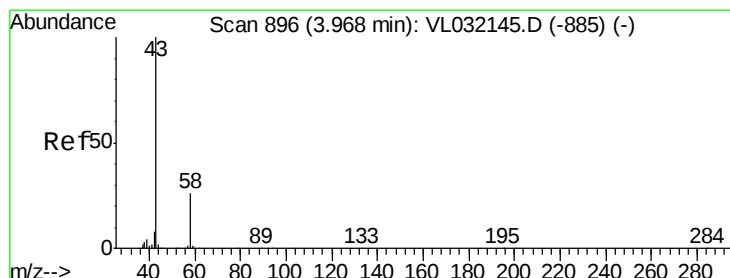
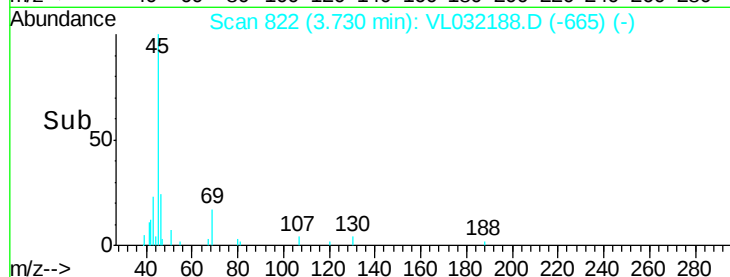
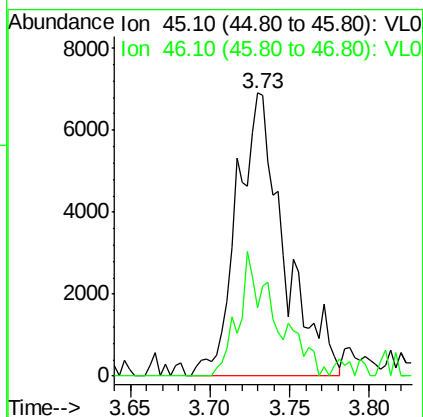
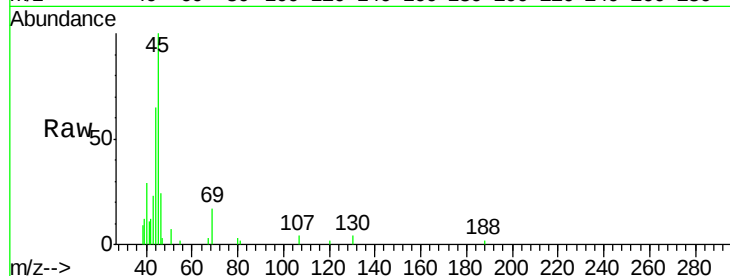
#13
Ethanol
Concen: 0.56 ppbv m
RT: 3.73 min Scan# 822
Delta R.T. 0.01 min
Lab File: VL032188.D
Acq: 2 Jul 2018 19:08

Instrument :
MSVOA_L
ClientSampleId :
B-1-EFFLUENTDL2

Tot Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.6	58.4#

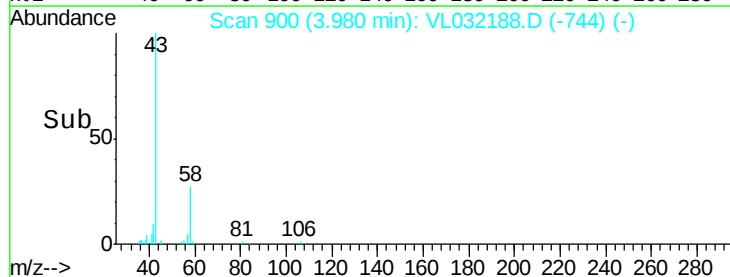
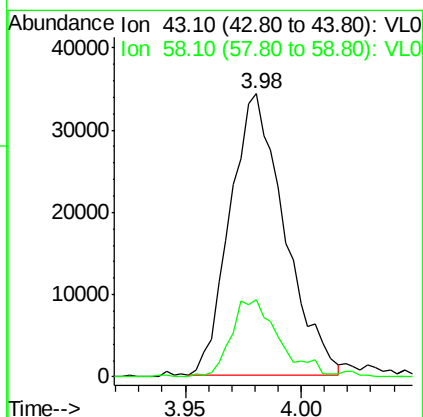
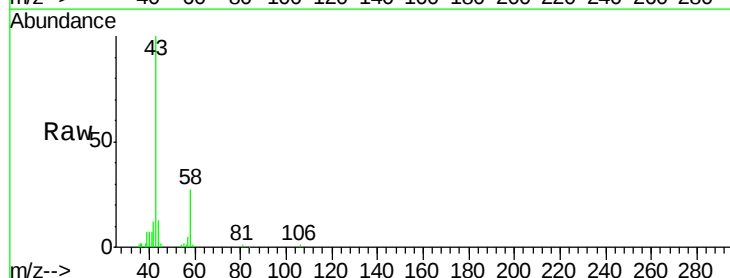
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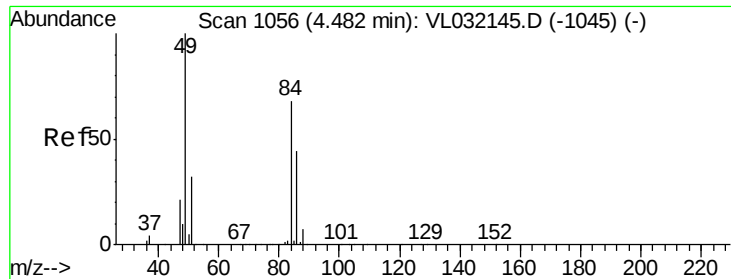
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#15
Acetone
Concen: 0.32 ppbv
RT: 3.98 min Scan# 900
Delta R.T. 0.00 min
Lab File: VL032188.D
Acq: 2 Jul 2018 19:08

Tgt Ion	Ratio	Lower	Upper
43	100		
58	24.8	21.4	32.0





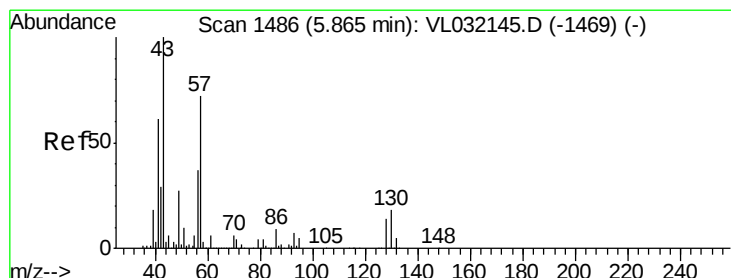
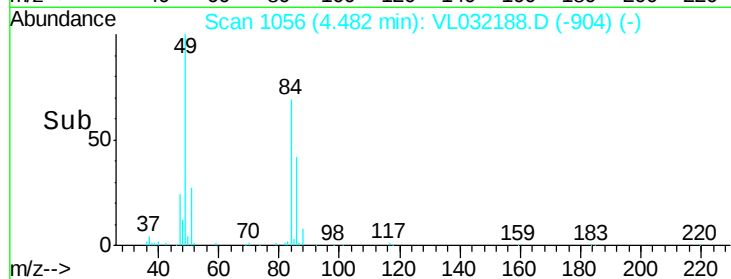
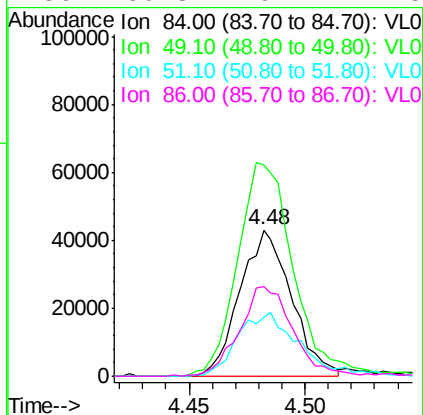
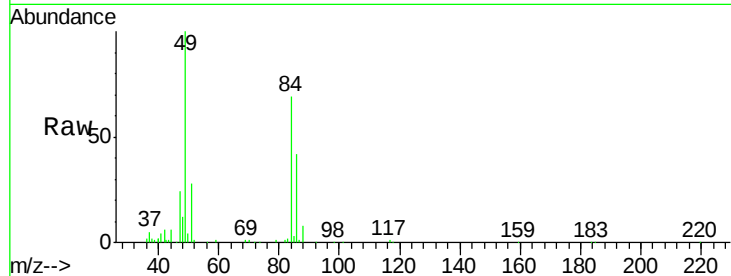
#20
Methvlene Chloride
Concen: 1.04 ppbv
RT: 4.48 min Scan# 1056
Delta R.T. -0.01 min
Lab File: VL032188.D
Acq: 2 Jul 2018 19:08

Instrument :
MSVOA_L
ClientSampleId :
B-1-EFFLUENTDL2

Tot Ion	Ratio	Lower	Upper
84	100		
49	143.3	119.6	179.4
51	39.6	36.3	54.5
86	60.3	49.7	74.5

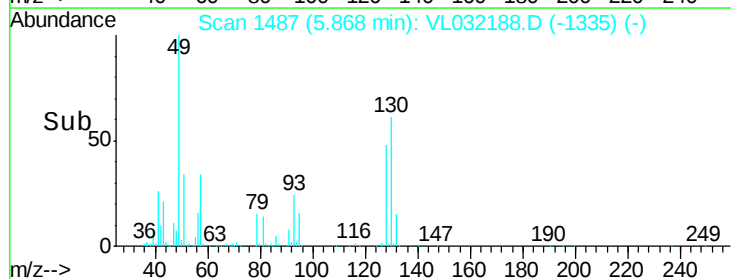
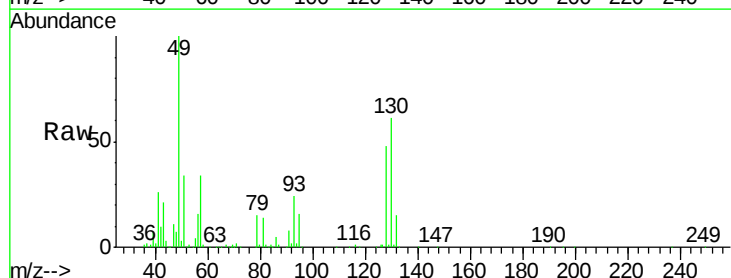
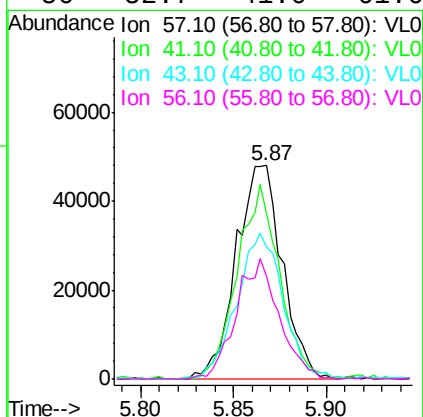
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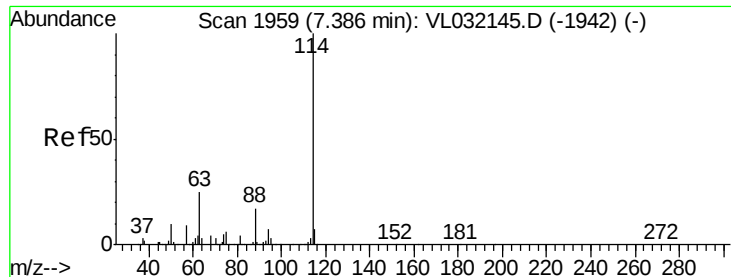
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#26
Hexane
Concen: 0.50 ppbv
RT: 5.87 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VL032188.D
Acq: 2 Jul 2018 19:08

Tgt Ion	Ratio	Lower	Upper
57	100		
41	86.0	68.6	103.0
43	68.8	168.6	252.8#
56	52.7	41.0	61.6





#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.38 min Scan# 1958

Delta R.T. -0.02 min

Lab File: VL032188.D

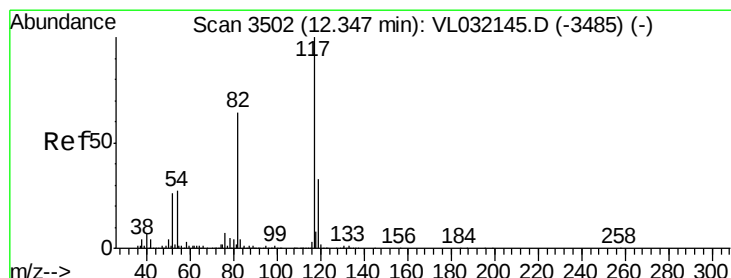
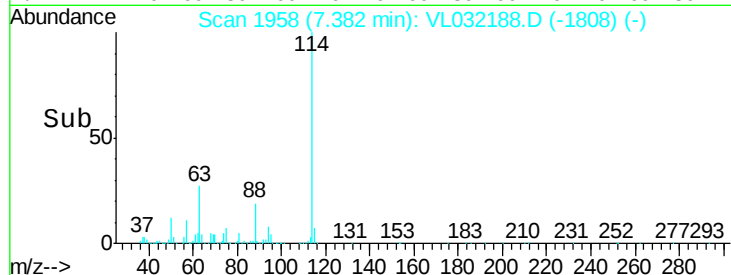
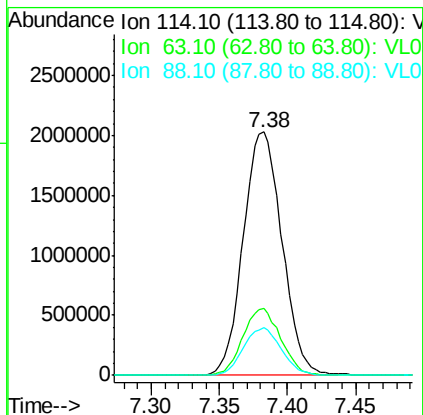
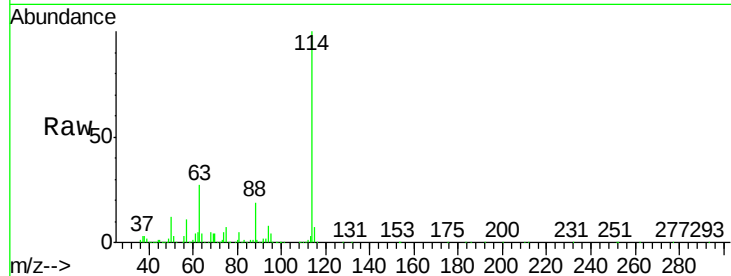
Acq: 2 Jul 2018 19:08

Instrument :
MSVOA_L
ClientSampleId :
B-1-EFFLUENTDL2

Tot Ion:	114	Resp:	4003068
Ion	Ratio	Lower	Upper
114	100		
63	27.1	19.1	28.7
88	19.2	13.9	20.9

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#55

Chlorobenzene-d5

Concen: 10.00 ppbv

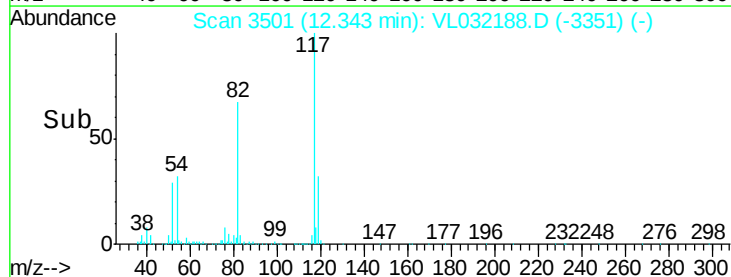
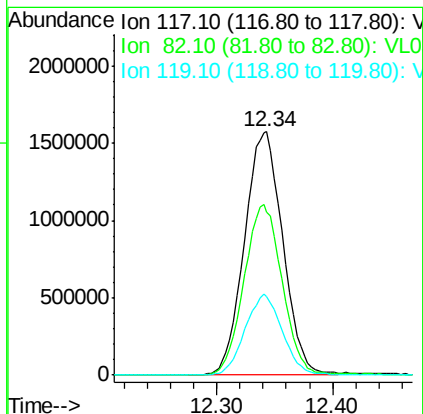
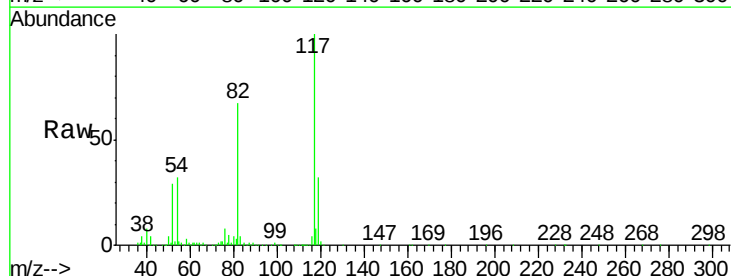
RT: 12.34 min Scan# 3501

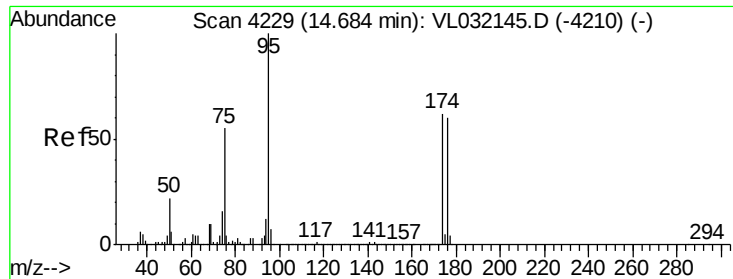
Delta R.T. -0.02 min

Lab File: VL032188.D

Acq: 2 Jul 2018 19:08

Tgt Ion:	117	Resp:	3610005
Ion	Ratio	Lower	Upper
117	100		
82	70.6	47.8	71.8
119	32.4	43.3	64.9#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.26 ppbv
 RT: 14.68 min Scan# 4227
 Delta R.T. -0.02 min
 Lab File: VL032188.D
 Acq: 2 Jul 2018 19:08

Instrument :
 MSVOA_L
 ClientSampleId :
 B-1-EFFLUENTDL2

Tot Ion: 95 Resp: 2831968
 Ion Ratio Lower Upper
 95 100
 174 56.6 52.1 78.1
 175 4.2 4.0 6.0

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