

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110718\
 Data File : VL032726.D
 Acq On : 7 Nov 2018 20:58
 Operator : SY/AP
 Sample : J5823-07DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AA-01DL

Manual Integrations
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Quant Time: Nov 12 02:48:52 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 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	1431438	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3498331	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3470848	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.59	95	2596239	10.05	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.06	41	22078m	0.479	ppbv	
13) Ethanol	3.68	45	13897m	1.055	ppbv	
15) Acetone	3.92	43	94321m	0.714	ppbv	
20) Methylene Chloride	4.42	84	20009m	0.298	ppbv	
26) Hexane	5.79	57	54757	0.380	ppbv #	45
53) Toluene	9.96	91	178808	0.549	ppbv	97

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

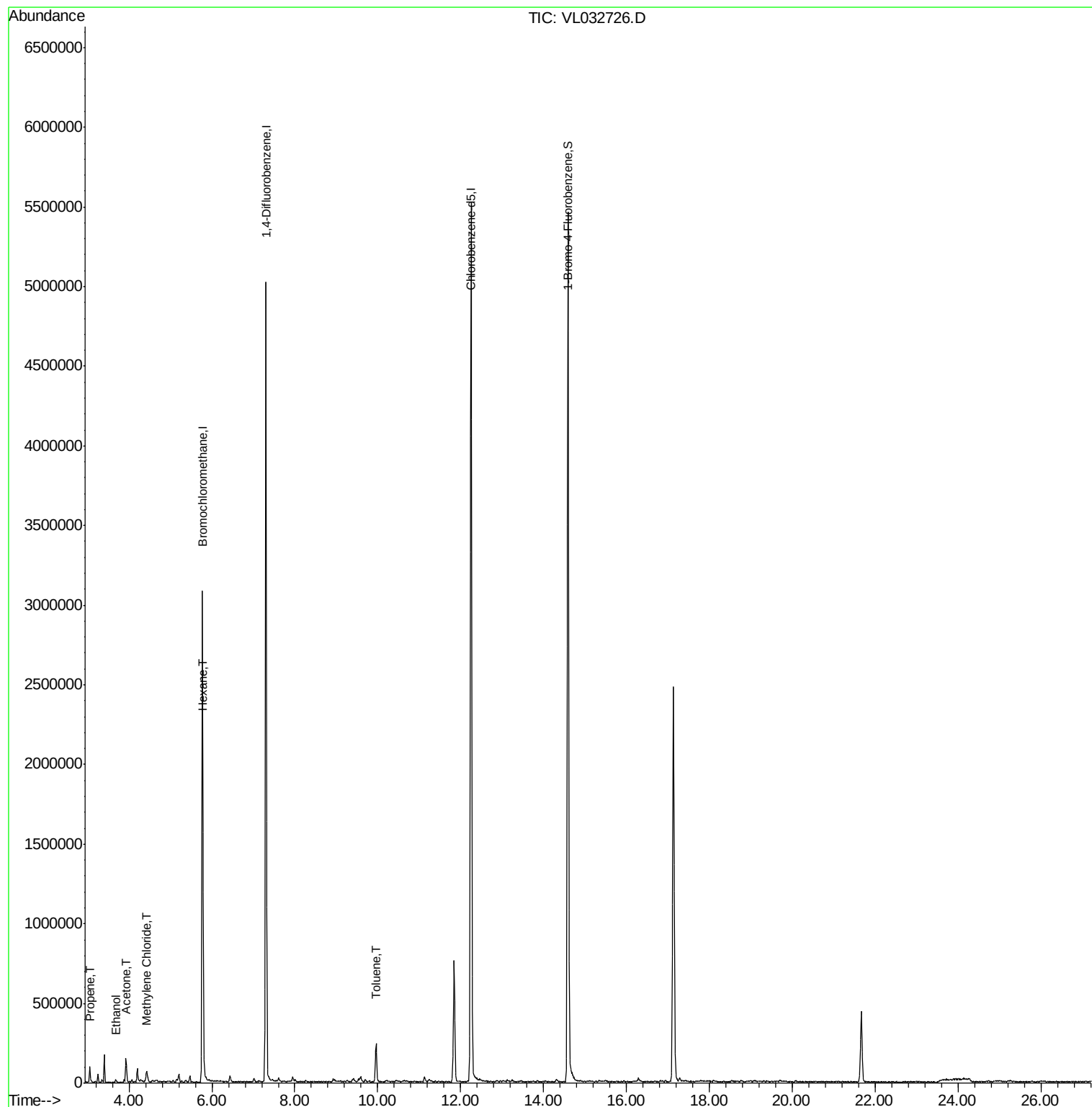
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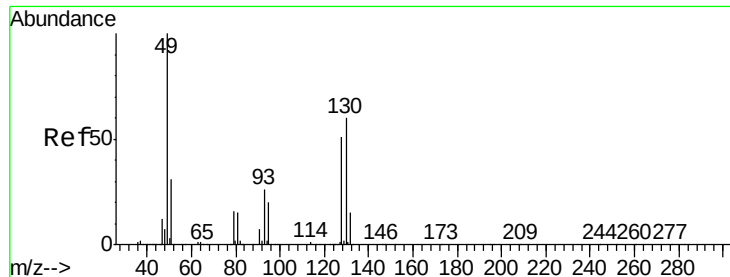
Instrument :
MSVOA_L
ClientSampleId :
AA-01DL

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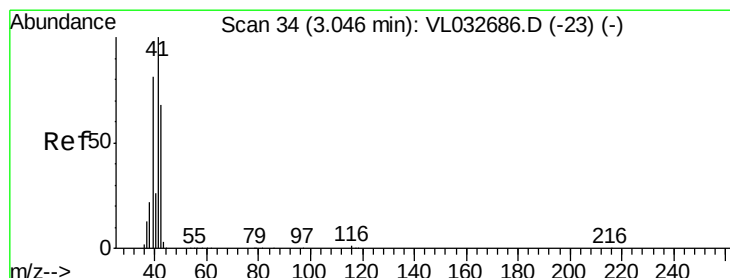
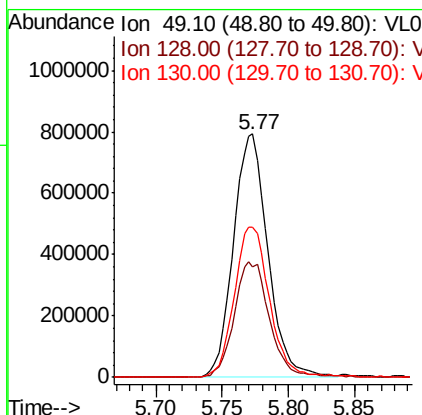
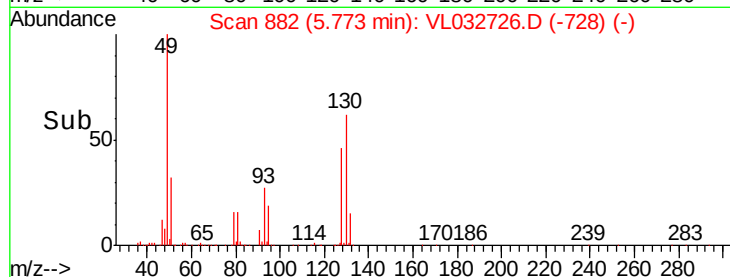
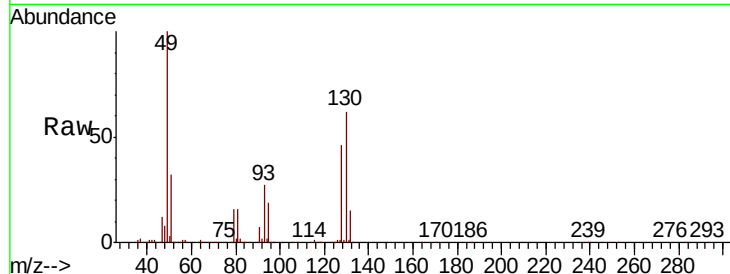
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.77 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: VL032726.D
 Acq: 7 Nov 2018 20:58

Instrument :
 MSVOA_L
 ClientSampleID :
 AA-01DL

Tot Ion:	49	Resp:	1431438
Ion	Ratio	Lower	Upper
49	100		
128	49.0	22.3	66.8
130	63.9	28.4	85.3

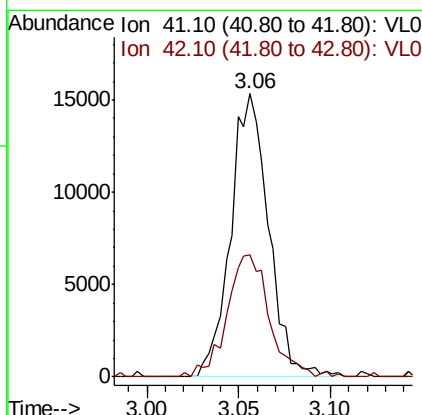
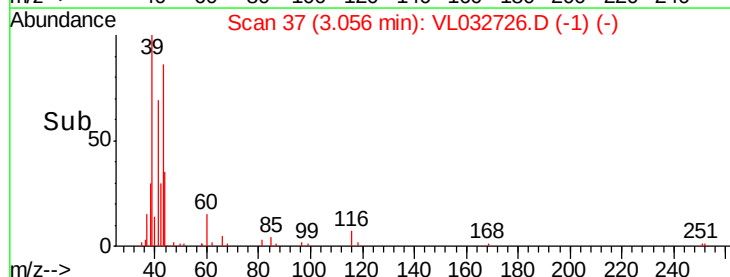
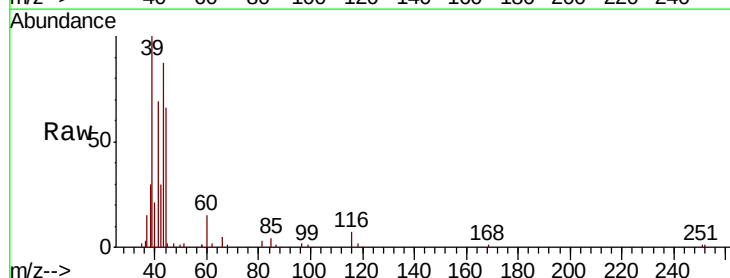
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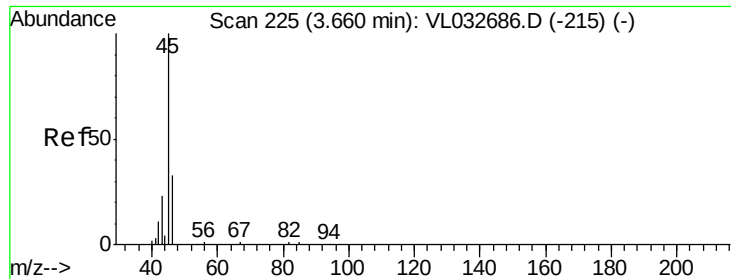
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#9
 Propene
 Concen: 0.479 ppbv m
 RT: 3.06 min Scan# 37
 Delta R.T. 0.01 min
 Lab File: VL032726.D
 Acq: 7 Nov 2018 20:58

Tgt Ion:	41	Resp:	22078
Ion	Ratio	Lower	Upper
41	100		
42	49.7	55.4	83.0#





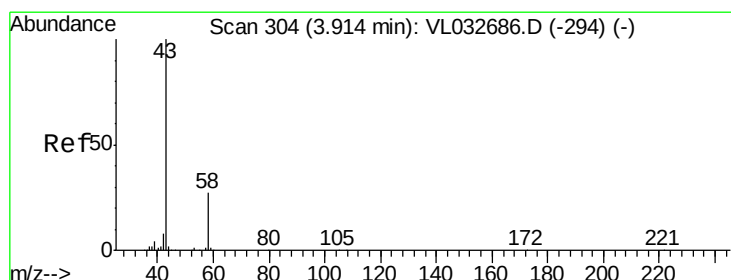
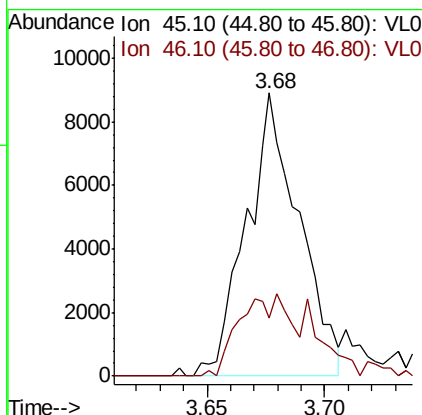
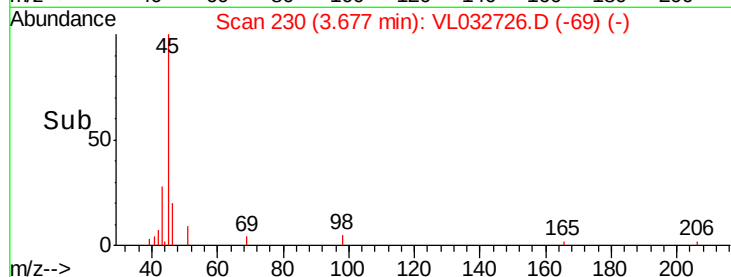
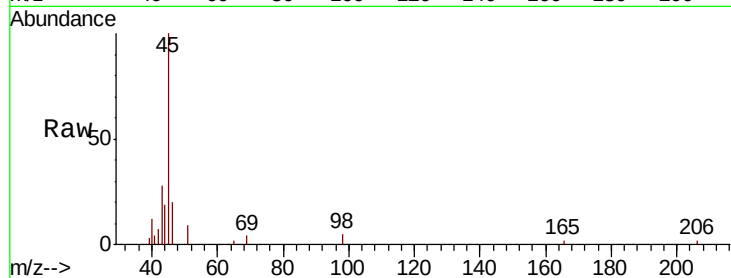
#13
Ethanol
Concen: 1.055 ppbv m
RT: 3.68 min Scan# 230
Delta R.T. 0.02 min
Lab File: VL032726.D
Acq: 7 Nov 2018 20:58

Instrument :
MSVOA_L
ClientSampled :
AA-01DL

Tot Ion: 45 Resp: 13897
Ion Ratio Lower Upper
45 100
46 0.0 15.4 61.8#

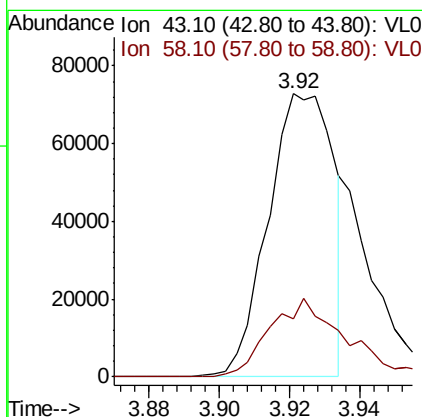
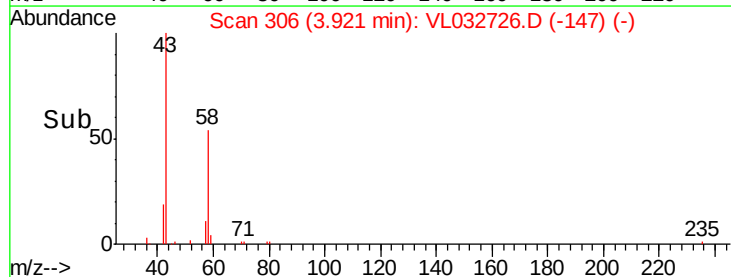
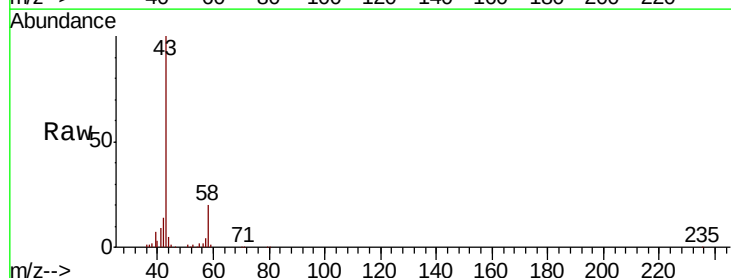
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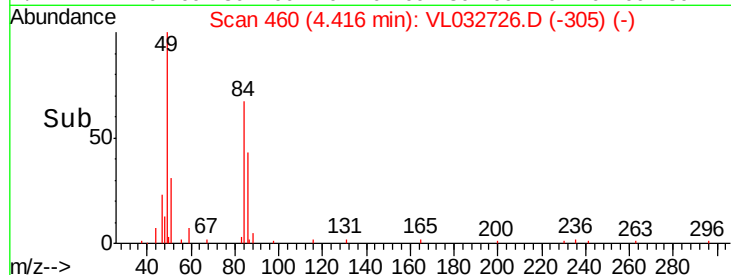
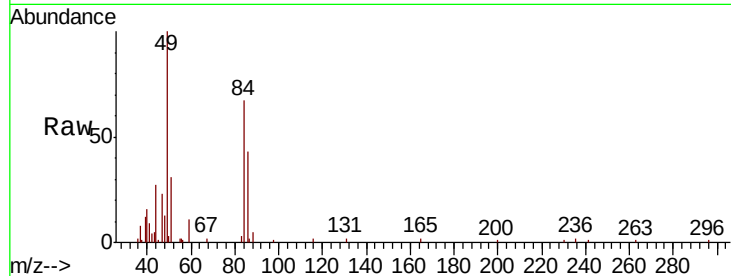
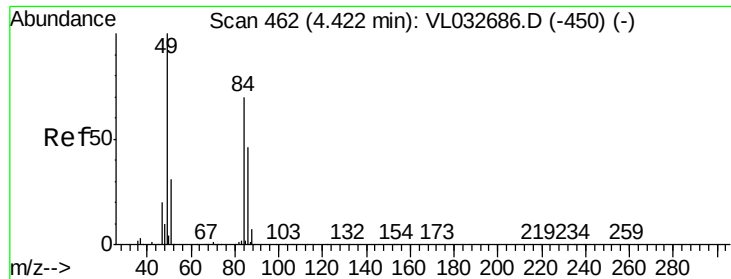
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#15
Acetone
Concen: 0.714 ppbv m
RT: 3.92 min Scan# 306
Delta R.T. 0.01 min
Lab File: VL032726.D
Acq: 7 Nov 2018 20:58

Tgt Ion: 43 Resp: 94321
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#





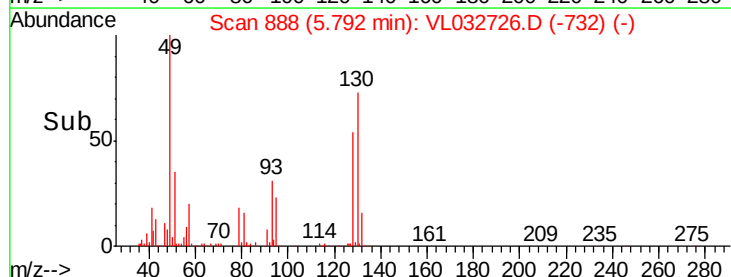
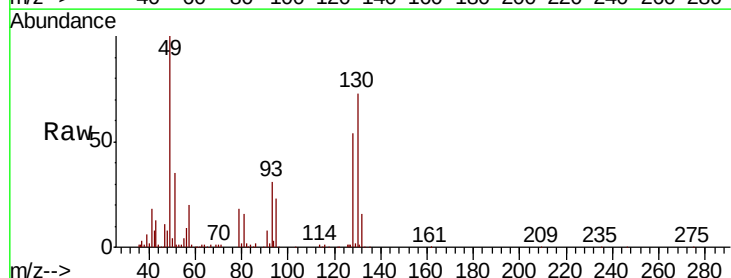
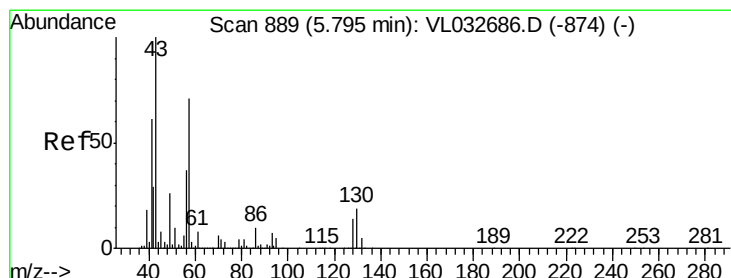
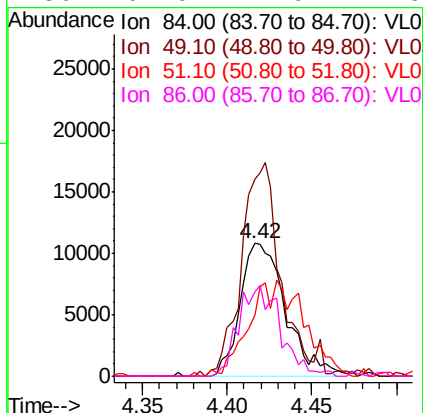
#20
Methvlene Chloride
Concen: 0.298 ppbv
RT: 4.42 min Scan# 460
Delta R.T. -0.00 min
Lab File: VL032726.D
Acq: 7 Nov 2018 20:58

Tot Ion	84	Resp	20009
Ion	Ratio	Lower	Upper
84	100		
49	148.6	113.5	170.3
51	46.7	34.8	52.2
86	64.0	47.9	71.9

Instrument :
MSVOA_L
ClientSampled :
AA-01DL

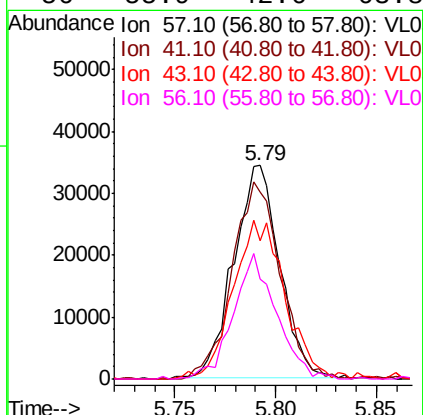
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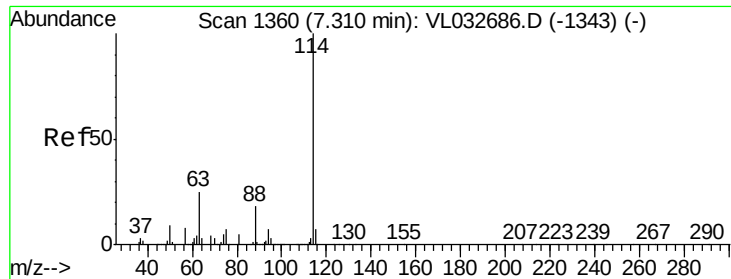
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#26
Hexane
Concen: 0.380 ppbv
RT: 5.79 min Scan# 888
Delta R.T. 0.00 min
Lab File: VL032726.D
Acq: 7 Nov 2018 20:58

Tgt Ion	57	Resp	54757
Ion	Ratio	Lower	Upper
57	100		
41	98.2	67.4	101.0
43	84.4	171.9	257.9
56	55.9	42.6	63.8





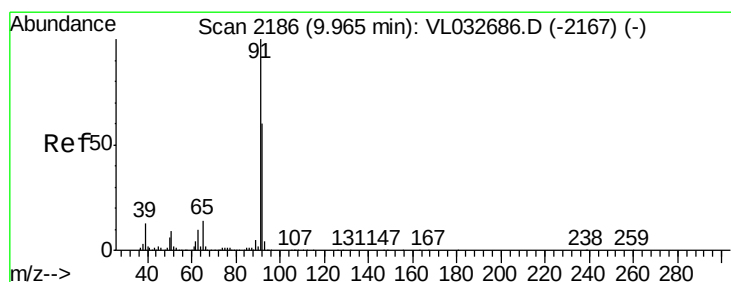
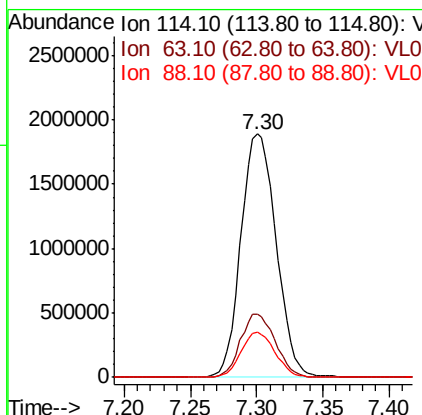
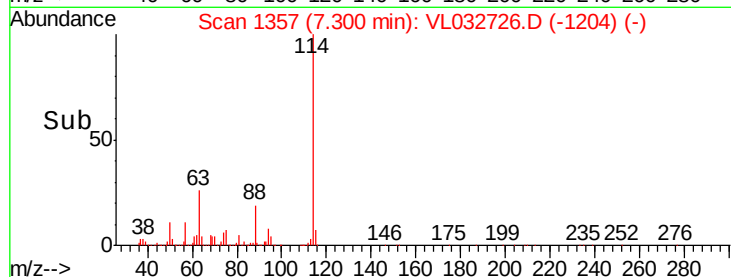
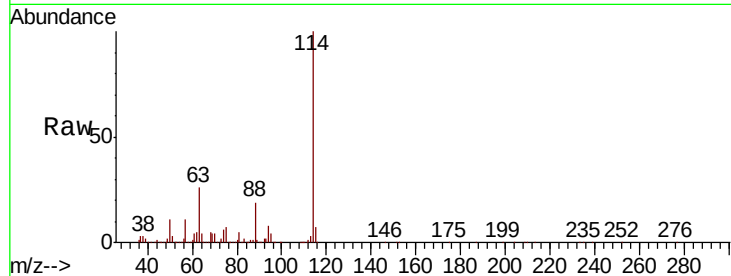
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.30 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: VL032726.D
 Acq: 7 Nov 2018 20:58

Instrument :
 MSVOA_L
 ClientSampleID :
 AA-01DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	25.8	21.7	32.5
88	18.0	14.9	22.3

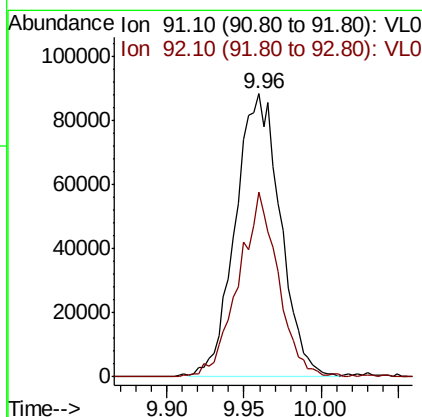
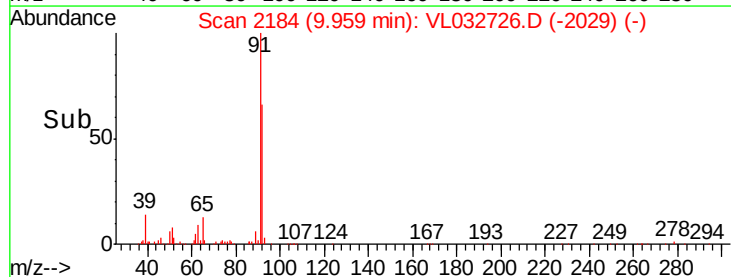
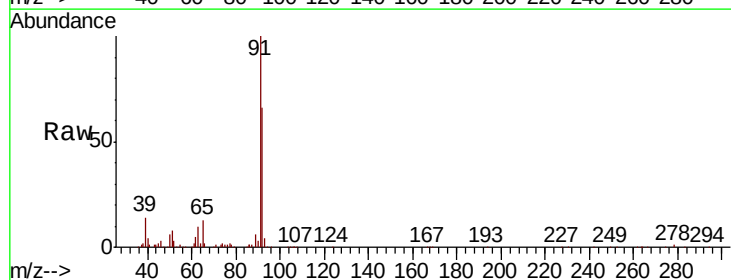
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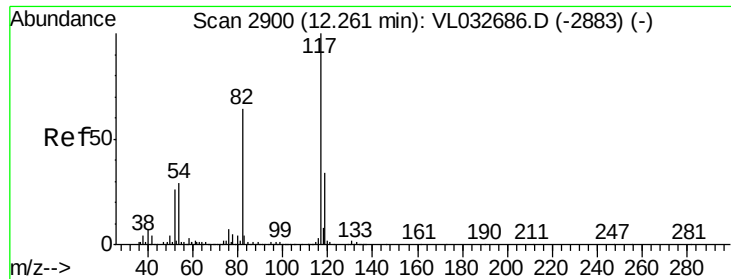
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#53
 Toluene
 Concen: 0.549 ppbv
 RT: 9.96 min Scan# 2184
 Delta R.T. -0.00 min
 Lab File: VL032726.D
 Acq: 7 Nov 2018 20:58

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.3	48.4	72.6





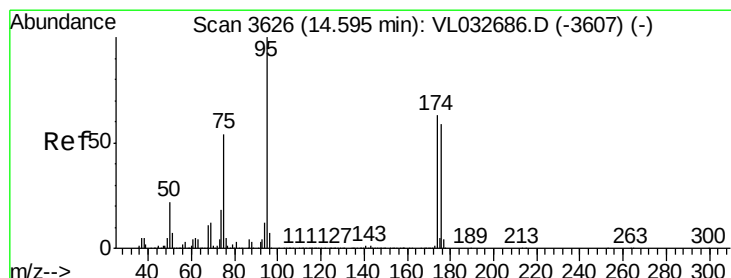
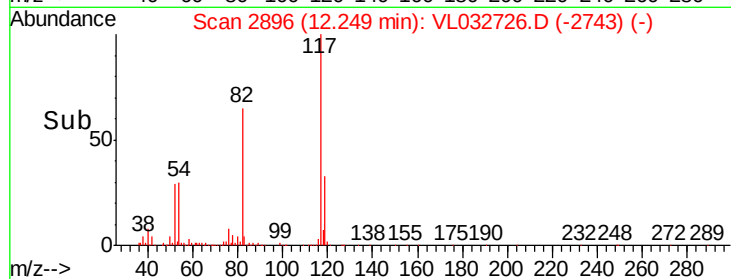
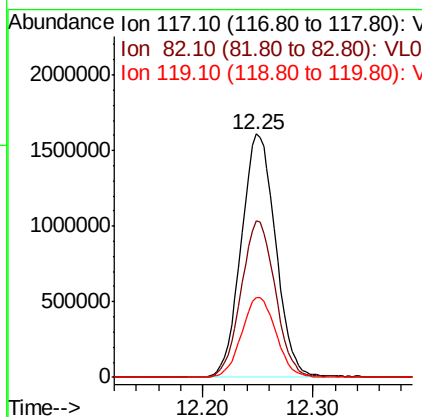
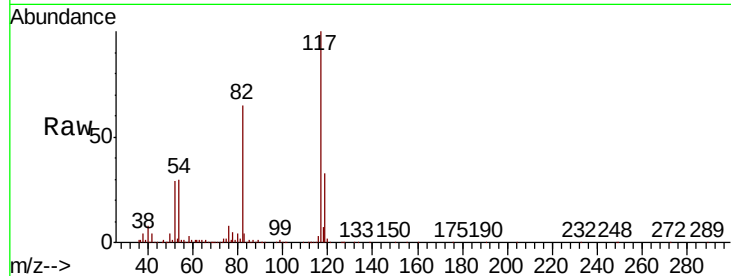
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2896
Delta R.T. -0.01 min
Lab File: VL032726.D
Acq: 7 Nov 2018 20:58

Instrument :
MSVOA_L
ClientSampleId :
AA-01DL

Tot Ion:117 Resp: 3470848
Ion Ratio Lower Upper
117 100
82 64.3 52.7 79.1
119 33.2 26.7 40.1

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.046 ppbv
RT: 14.59 min Scan# 3623
Delta R.T. -0.01 min
Lab File: VL032726.D
Acq: 7 Nov 2018 20:58

Tgt Ion: 95 Resp: 2596239
Ion Ratio Lower Upper
95 100
174 64.0 46.0 69.0
175 4.6 3.4 5.0

