

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL113018\
 Data File : VL032861.D
 Acq On : 30 Nov 2018 22:56
 Operator : SY/AP
 Sample : J6132-04DL2 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 DSV-03DL2

Manual Integrations
 APPROVED

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 12/3/2018 4:16:18 PM

Quant Time: Dec 03 16:26:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov 14 2018
 QLast Update : Wed Nov 14 07:00:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1597970	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	4067553	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3822835	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.59	95	2850437	9.97	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.05	41	1057734m	20.863	ppbv	
26) Hexane	5.79	57	132549	0.875	ppbv	# 43
27) Carbon Disulfide	4.63	76	537808	2.801	ppbv	98
30) Cyclohexane	7.25	84	647683	4.891	ppbv	97
36) Benzene	7.01	78	936847	2.892	ppbv	96
53) Toluene	9.95	91	374833	1.109	ppbv	99
59) m/p-Xylene	13.13	91	147701	0.361	ppbv	93

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

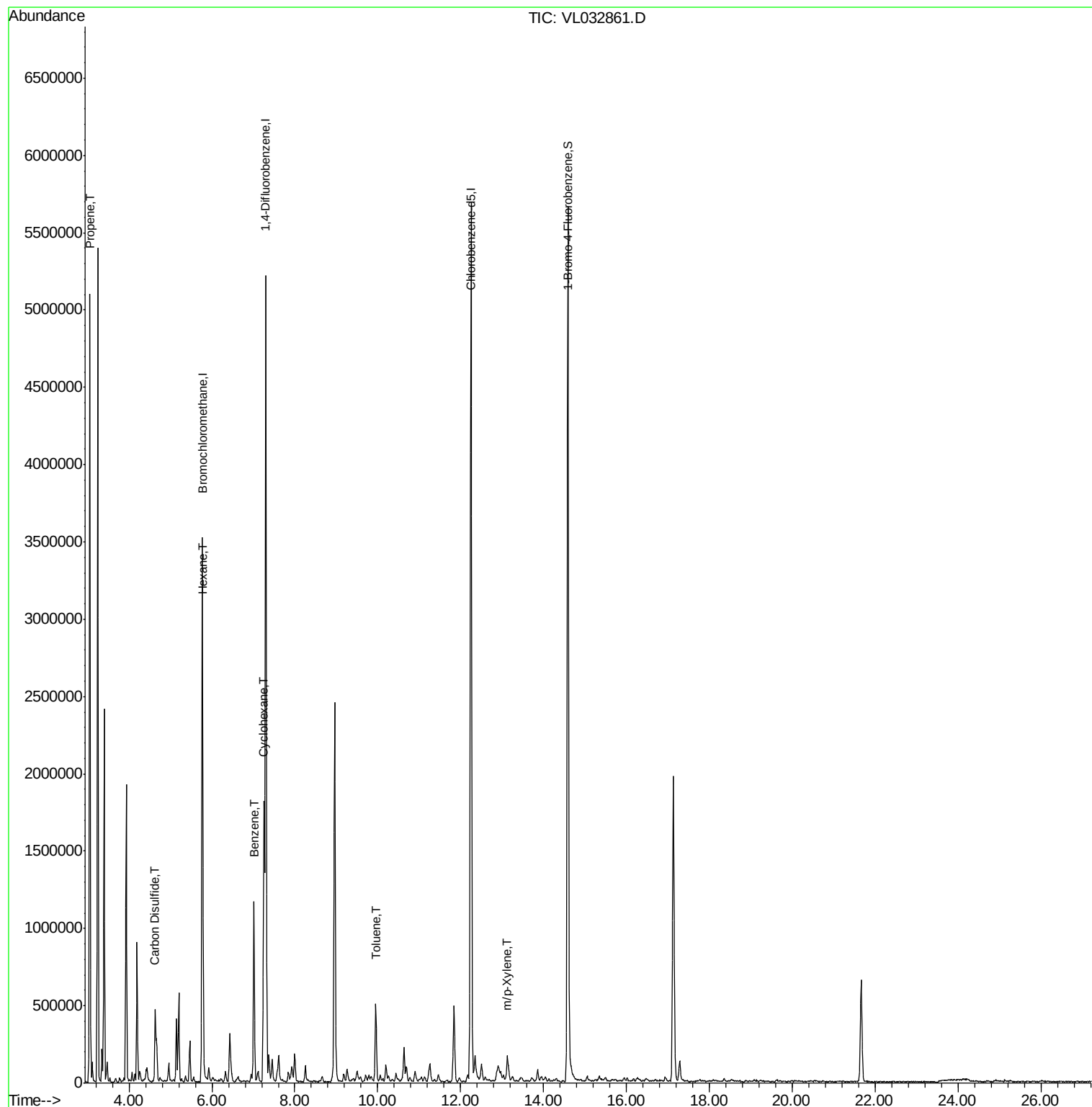
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL113018\
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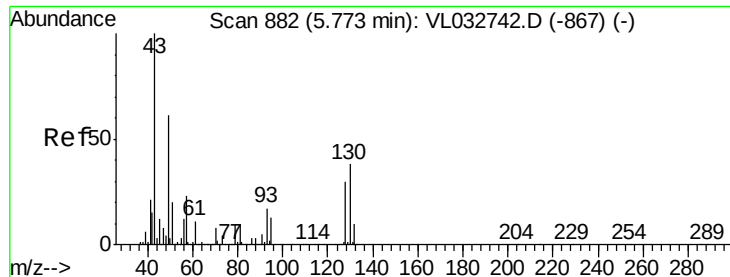
Instrument :
MSVOA_L
ClientSampleId :
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Quant Time: Dec 03 16:26:08 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 880

Delta R.T. -0.01 min

Lab File: VL032861.D

Acq: 30 Nov 2018 22:56

Instrument :

MSVOA_L

ClientSampled :

DSV-03DL2

Tot Ion: 49 Resp: 1597970

Ion Ratio Lower Upper

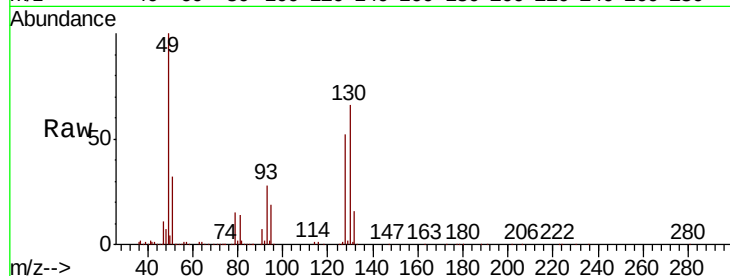
49 100

128 52.4 24.9 74.6

130 66.7 31.4 94.2

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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V

1200000

800000

600000

400000

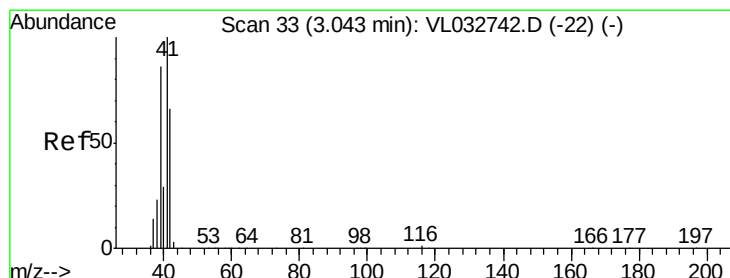
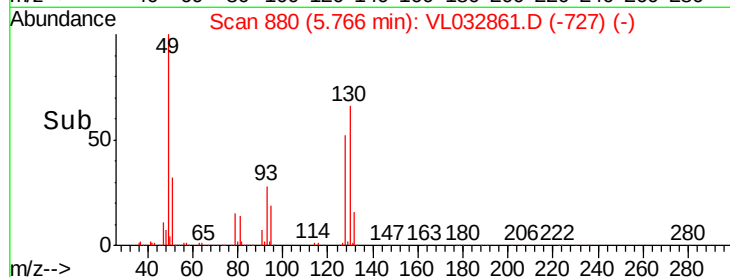
200000

0

5.77

5.70 5.75 5.80 5.85

Time-->



#9

Propene

Concen: 20.863 ppbv m

RT: 3.05 min Scan# 36

Delta R.T. 0.01 min

Lab File: VL032861.D

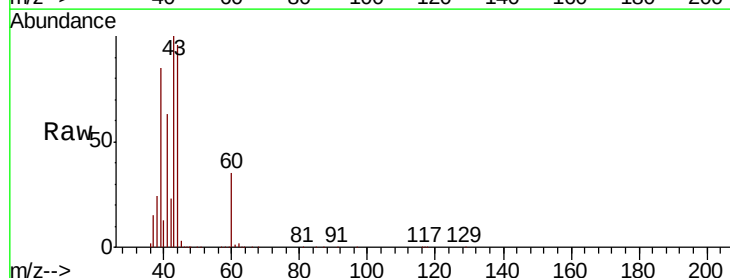
Acq: 30 Nov 2018 22:56

Tgt Ion: 41 Resp: 1057734

Ion Ratio Lower Upper

41 100

42 96.3 55.0 82.6#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

800000

600000

400000

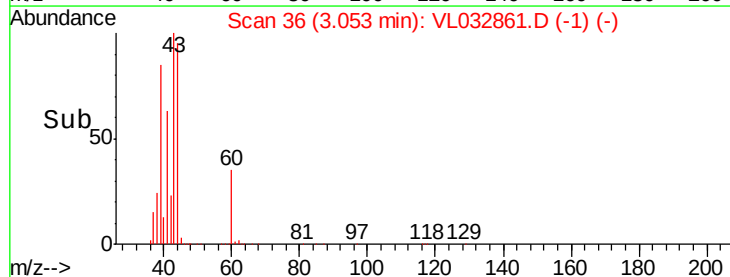
200000

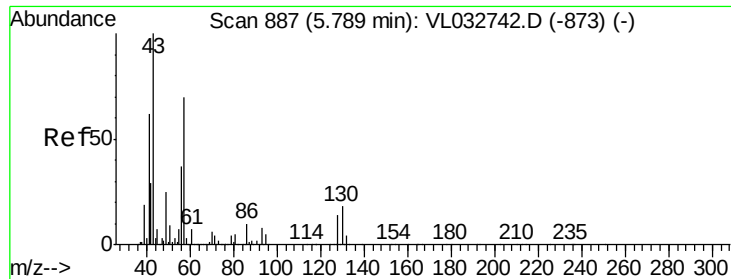
0

3.05

3.00 3.05 3.10

Time-->





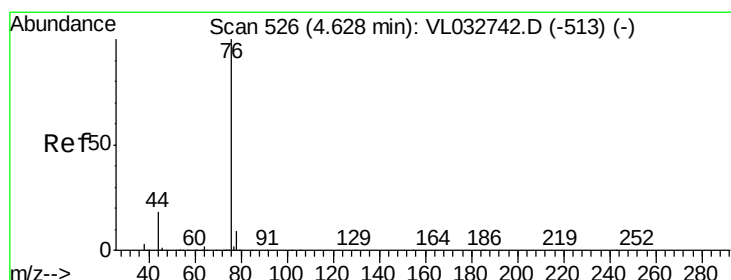
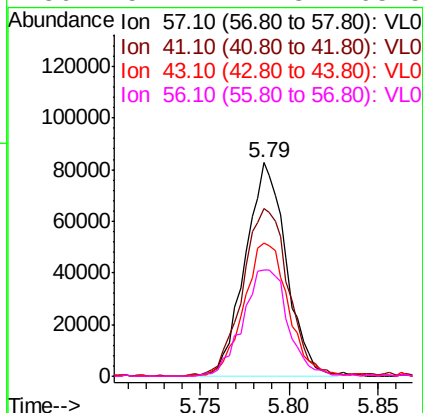
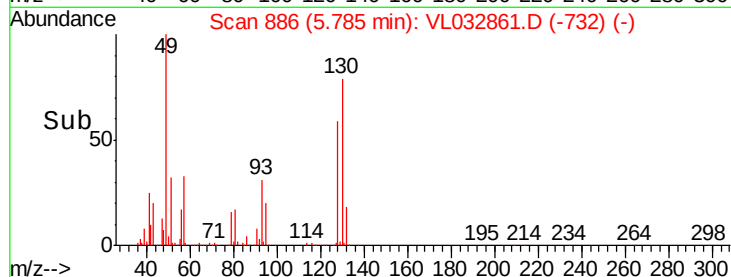
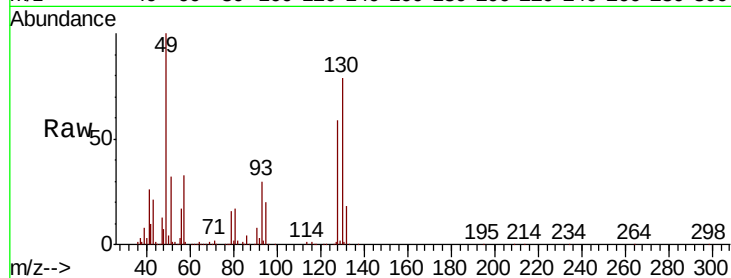
#26
Hexane
Concen: 0.875 ppbv
RT: 5.79 min Scan# 886
Delta R.T. -0.00 min
Lab File: VL032861.D
Acq: 30 Nov 2018 22:56

Instrument :
MSVOA_L
ClientSampleId :
DSV-03DL2

Tot Ion	57	Resp	132549
Ion	Ratio	Lower	Upper
57	100		
41	88.8	70.3	105.5
43	68.0	174.0	261.0#
56	54.7	42.3	63.5

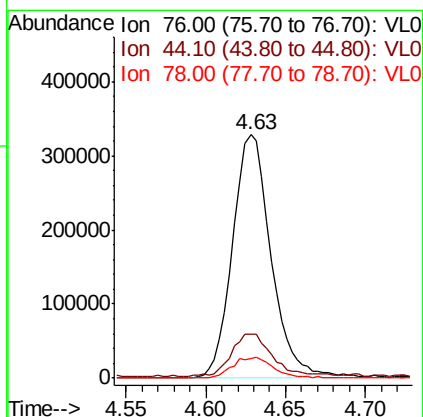
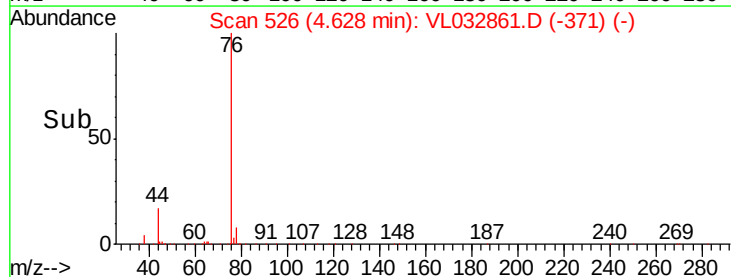
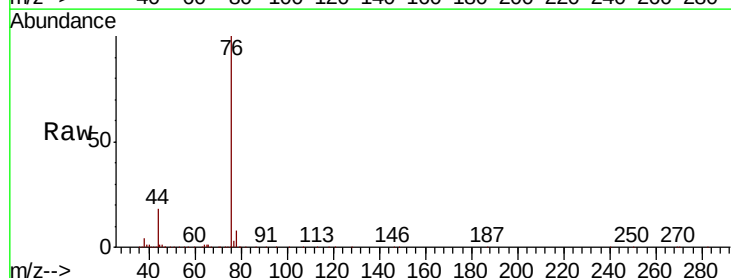
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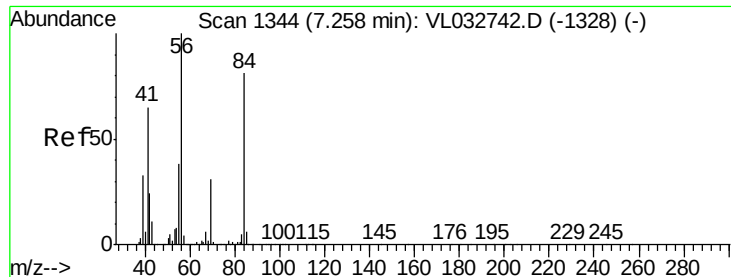
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#27
Carbon Disulfide
Concen: 2.801 ppbv
RT: 4.63 min Scan# 526
Delta R.T. -0.00 min
Lab File: VL032861.D
Acq: 30 Nov 2018 22:56

Tgt Ion	76	Resp	537808
Ion	Ratio	Lower	Upper
76	100		
44	19.5	14.4	21.6
78	9.3	7.7	11.5





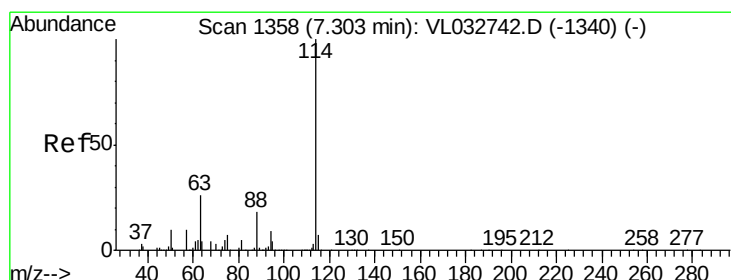
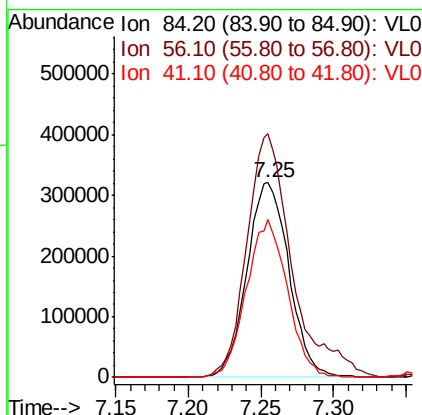
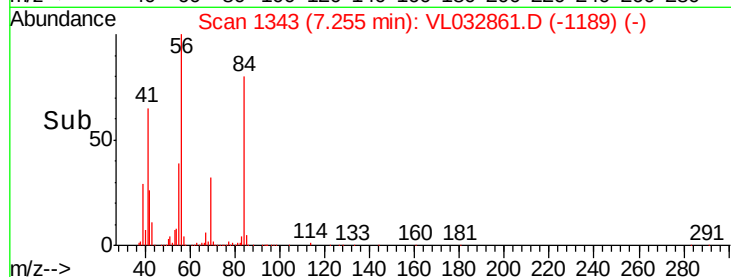
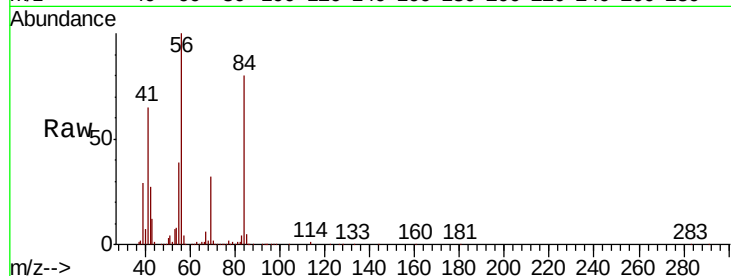
#30
Cyclohexane
Concen: 4.891 ppbv
RT: 7.25 min Scan# 1343
Delta R.T. -0.00 min
Lab File: VL032861.D
Acq: 30 Nov 2018 22:56

Instrument :
MSVOA_L
ClientSampleId :
DSV-03DL2

Tot Ion	Ratio	Lower	Upper
84	100		
56	135.5	105.0	157.4
41	78.9	65.3	97.9

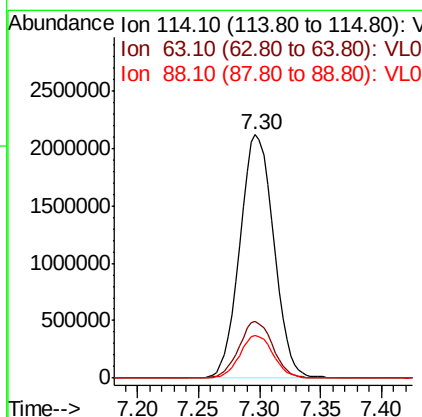
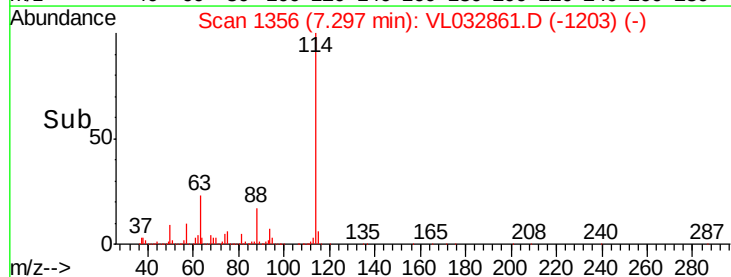
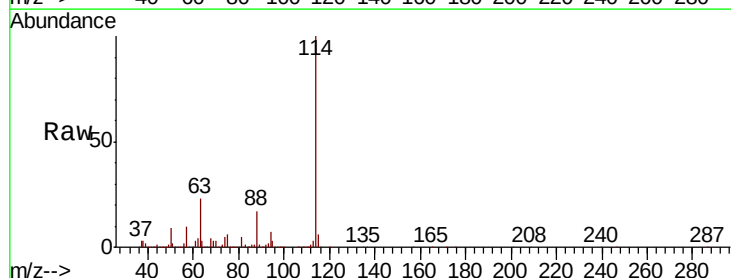
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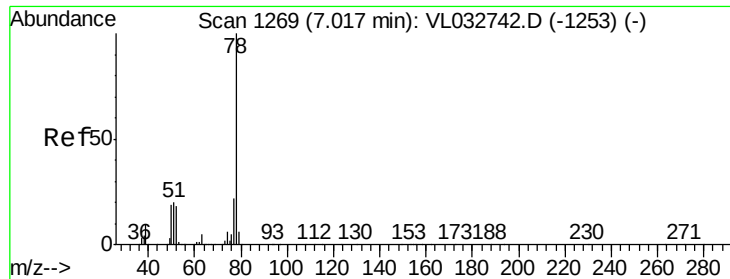
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1356
Delta R.T. -0.01 min
Lab File: VL032861.D
Acq: 30 Nov 2018 22:56

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.3	20.9	31.3
88	17.3	14.4	21.6





#36

Benzene

Concen: 2.892 ppbv

RT: 7.01 min Scan# 1267

Delta R.T. -0.01 min

Lab File: VL032861.D

Acq: 30 Nov 2018 22:56

Instrument :

MSVOA_L

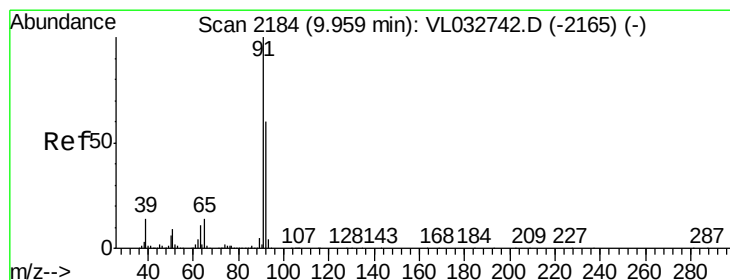
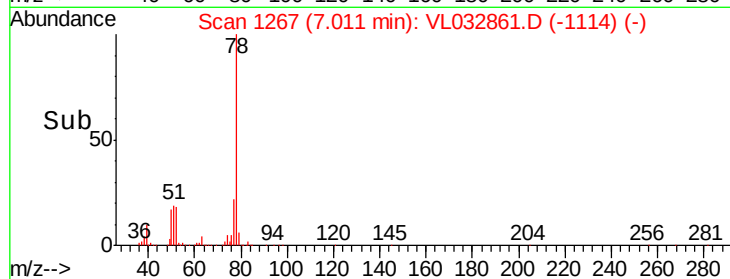
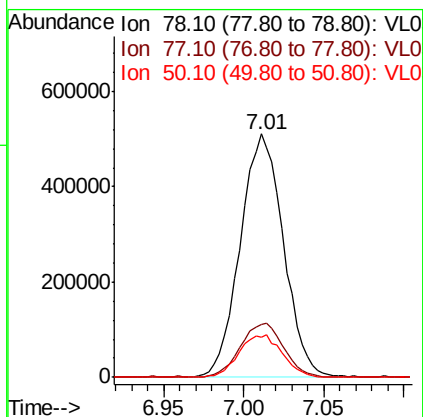
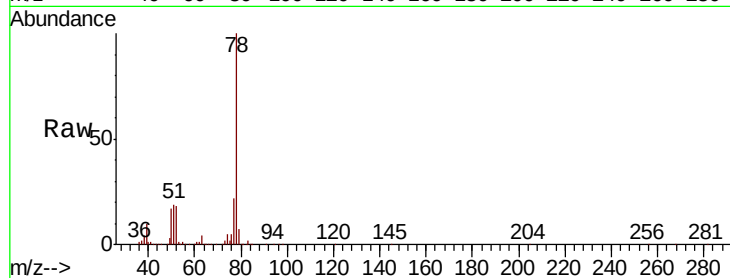
ClientSampleId :

DSV-03DL2

Tot Ion:	78	Resp:	936847
Ion	Ratio	Lower	Upper
78	100		
77	21.4	17.8	26.8
50	16.6	15.4	23.0

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#53

Toluene

Concen: 1.109 ppbv

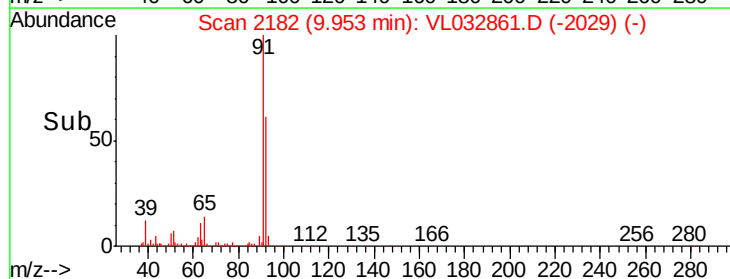
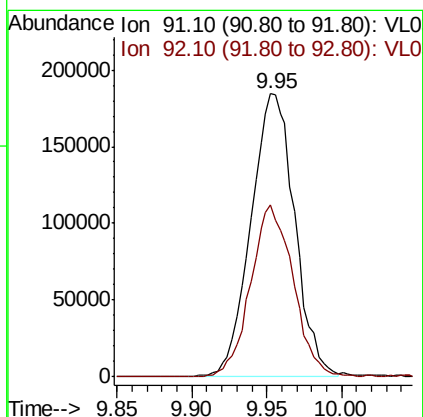
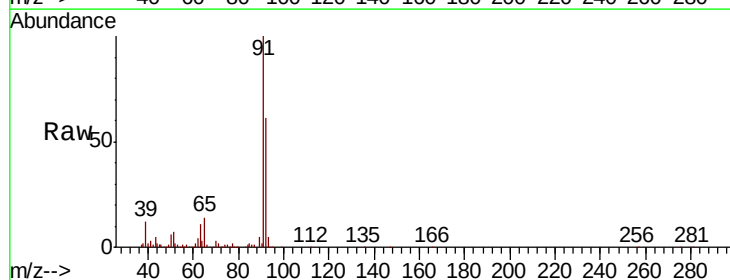
RT: 9.95 min Scan# 2182

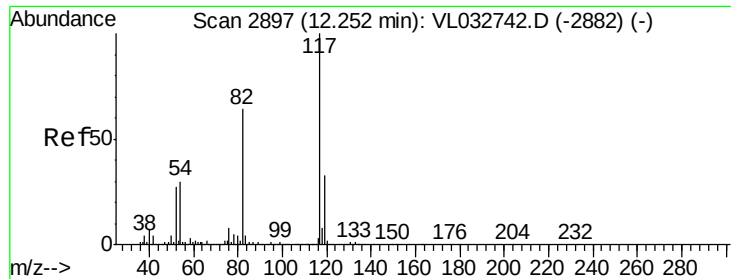
Delta R.T. -0.01 min

Lab File: VL032861.D

Acq: 30 Nov 2018 22:56

Tgt Ion:	91	Resp:	374833
Ion	Ratio	Lower	Upper
91	100		
92	59.2	47.9	71.9





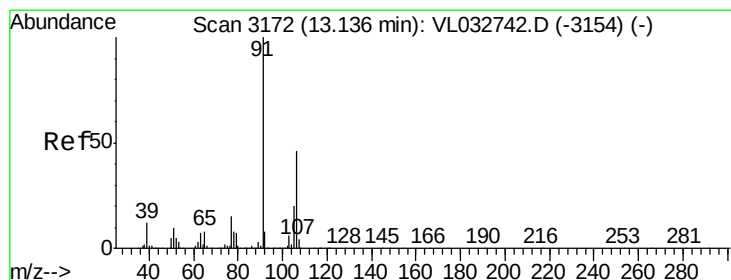
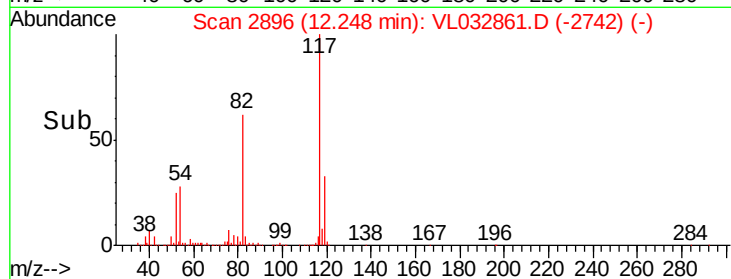
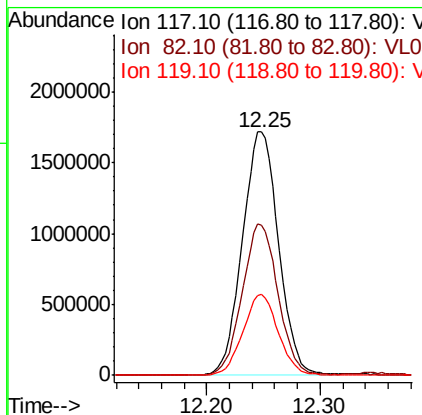
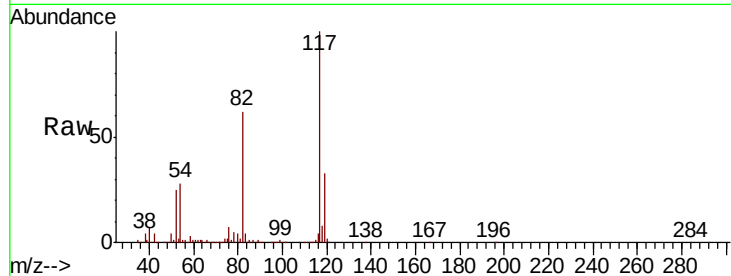
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VL032861.D
Acq: 30 Nov 2018 22:56

Instrument :
MSVOA_L
ClientSampleId :
DSV-03DL2

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.3	51.0	76.6
119	32.6	28.0	42.0

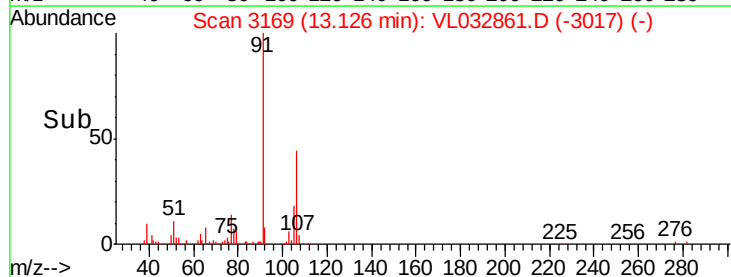
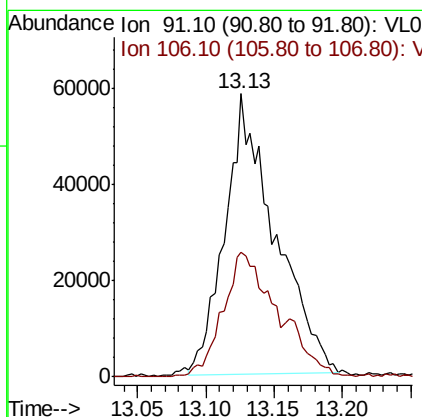
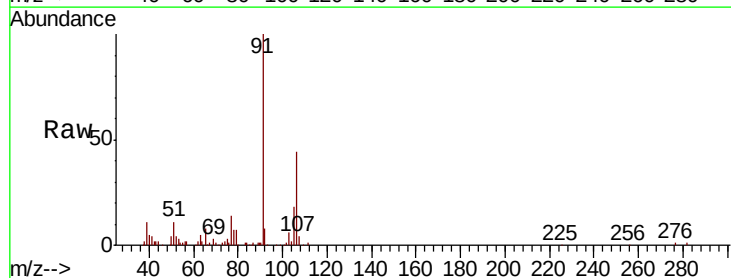
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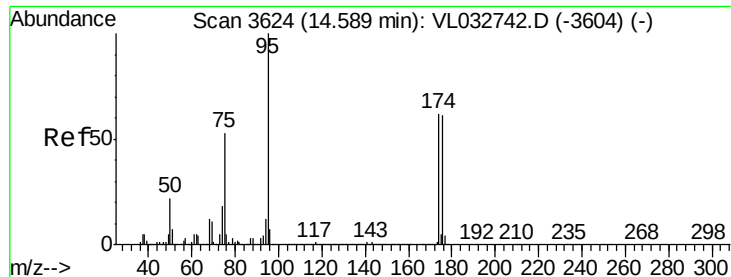
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#59
m/p-Xylene
Concen: 0.361 ppbv
RT: 13.13 min Scan# 3169
Delta R.T. -0.01 min
Lab File: VL032861.D
Acq: 30 Nov 2018 22:56

Tgt Ion	Ratio	Lower	Upper
91	100		
106	49.5	36.1	54.1





#68

1-Bromo-4-Fluorobenzene

Concen: 9.969 ppbv

RT: 14.59 min Scan# 3623

Delta R.T. -0.00 min

Lab File: VL032861.D

Acq: 30 Nov 2018 22:56

Instrument :

MSVOA_L

ClientSampleId :

DSV-03DL2

Tot Ion: 95 Resp: 2850437

Ion Ratio Lower Upper

95 100

174 67.0 50.7 76.1

175 5.1 3.8 5.6

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