

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112018\
 Data File : VL032795.D
 Acq On : 21 Nov 2018 1:55
 Operator : SY/AP
 Sample : J5998-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AA-ROOFDL

Manual Integrations
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 11/26/2018 9:18:54 AM

Quant Time: Nov 21 06:11:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 14 07:00:23 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	1292630	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3291423	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	2979010	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	2187324	9.82	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.06	41	11781	0.287	ppbv #	77
11) Trichlorofluoromethane	4.01	101	40123	0.229	ppbv	95
13) Ethanol	3.67	45	79447	5.914	ppbv	92
15) Acetone	3.93	43	87250	0.739	ppbv #	86
19) Isopropyl Alcohol	4.07	45	12848m	0.163	ppbv	
20) Methylene Chloride	4.42	84	27614	0.452	ppbv	84
26) Hexane	5.79	57	16784	0.137	ppbv #	56
53) Toluene	9.96	91	88599	0.324	ppbv	99

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

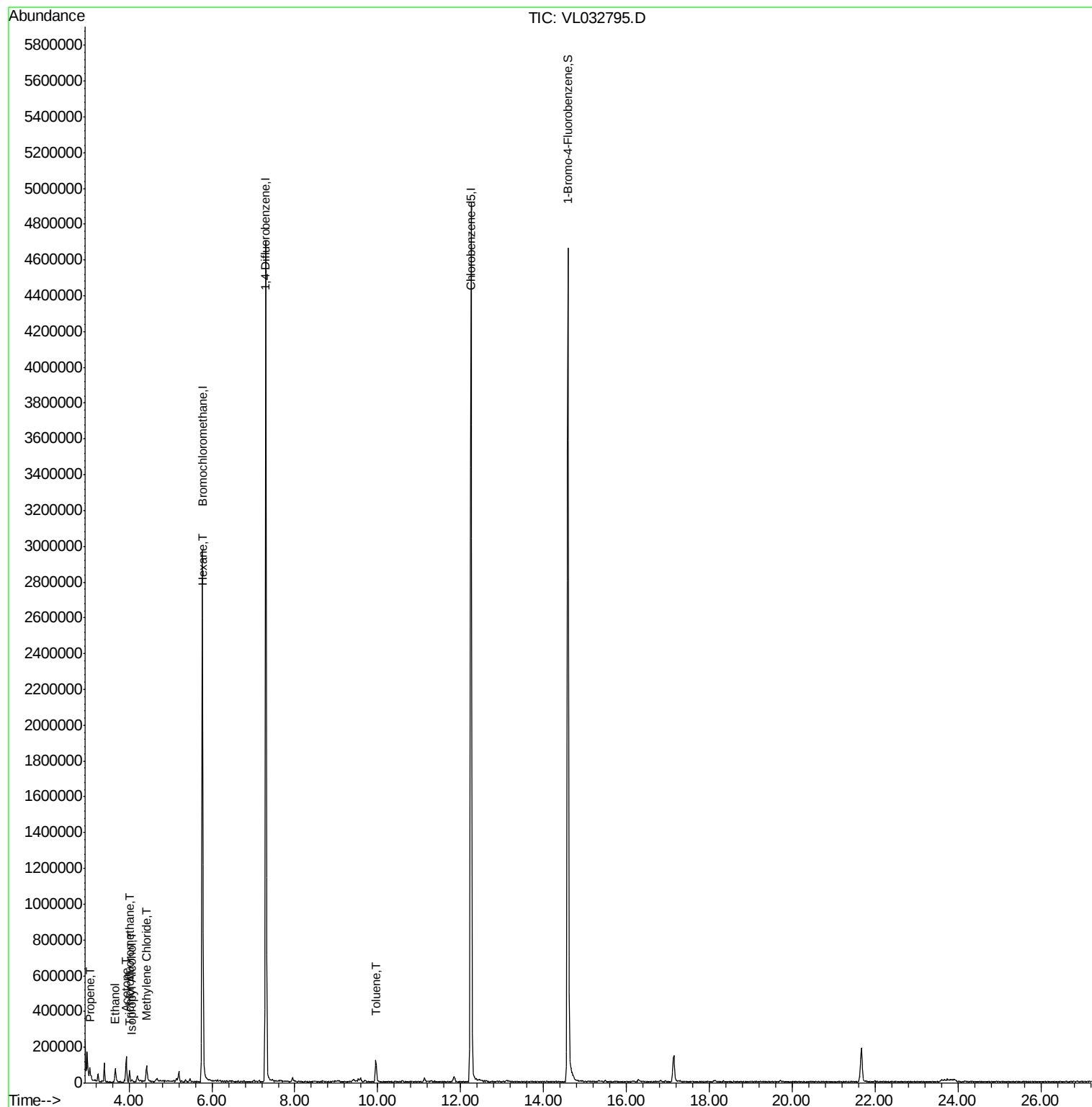
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL112018\
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 881

Delta R.T. -0.00 min

Lab File: VL032795.D

Acq: 21 Nov 2018 1:55

Instrument :

MSVOA_L

ClientSampleId :

AA-ROOFDL

Tot Ion: 49 Resp: 1292630

Ion Ratio Lower Upper

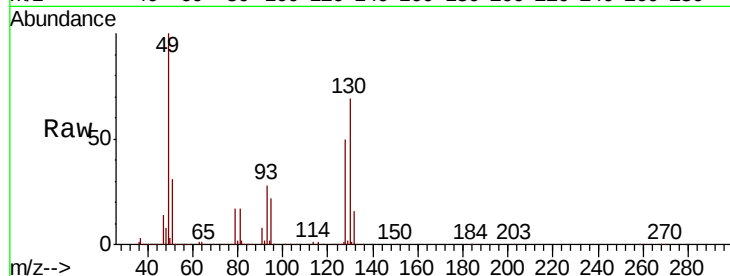
49 100

128 52.1 24.9 74.6

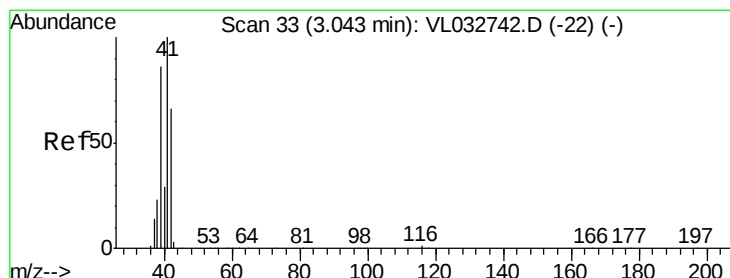
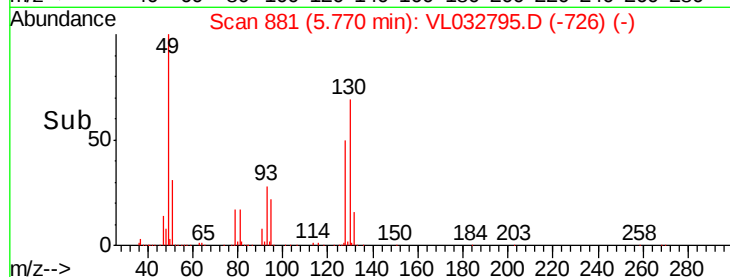
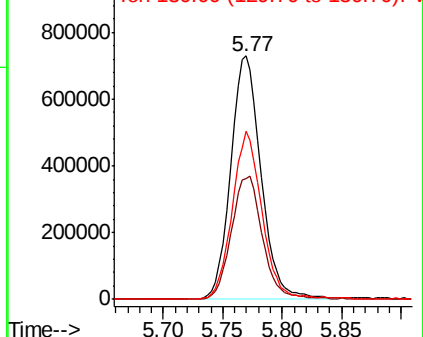
130 68.3 31.4 94.2

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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



#9

Propene

Concen: 0.287 ppbv

RT: 3.06 min Scan# 37

Delta R.T. 0.01 min

Lab File: VL032795.D

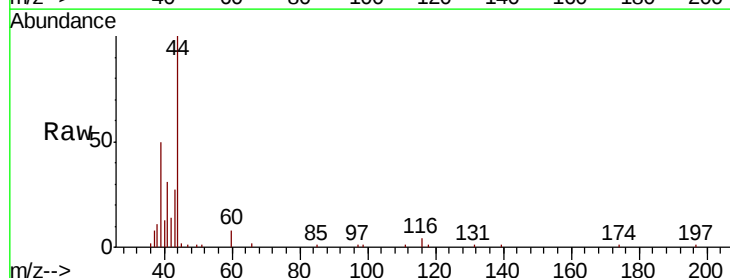
Acq: 21 Nov 2018 1:55

Tgt Ion: 41 Resp: 11781

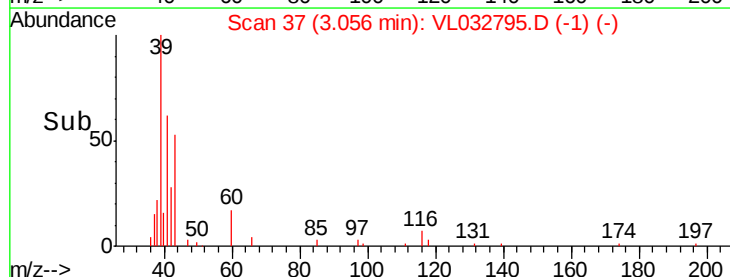
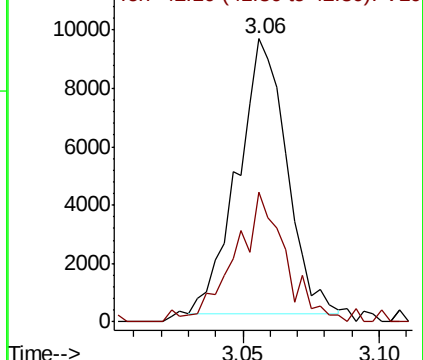
Ion Ratio Lower Upper

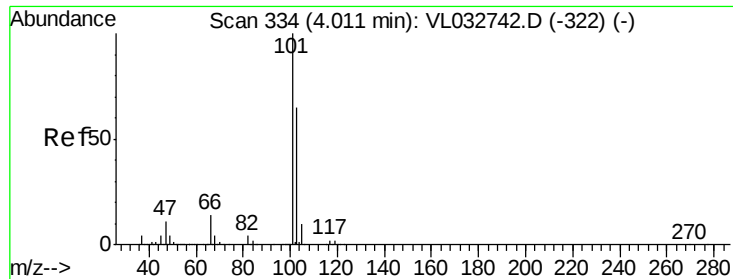
41 100

42 50.2 55.0 82.6#



Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 42.10 (41.80 to 42.80): VL0





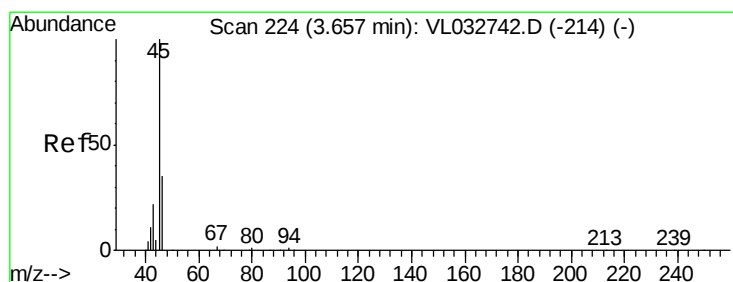
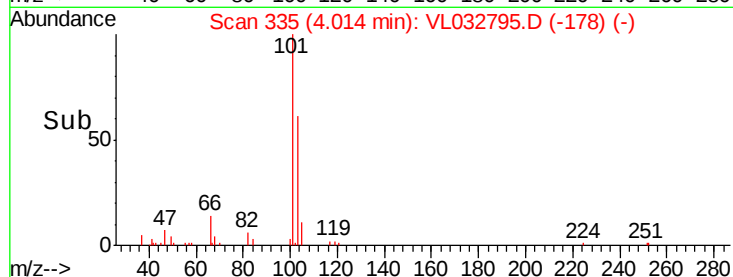
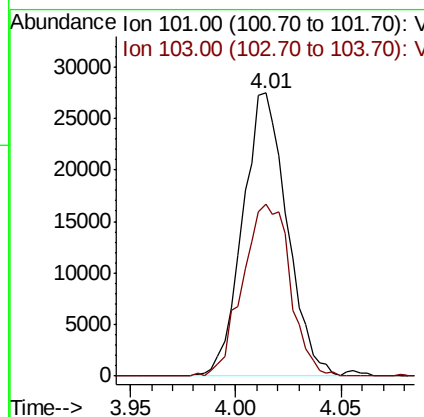
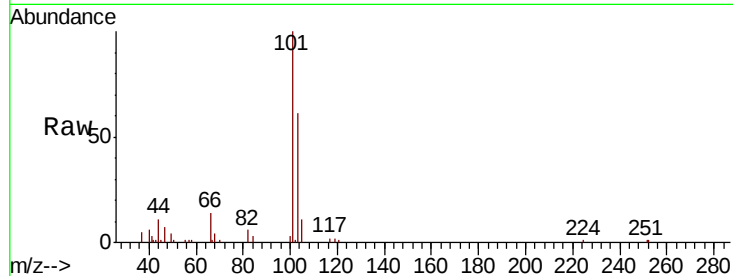
#11
Trichlorofluoromethane
Concen: 0.229 ppbv
RT: 4.01 min Scan# 335
Delta R.T. 0.00 min
Lab File: VL032795.D
Acq: 21 Nov 2018 1:55

Instrument :
MSVOA_L
ClientSampleId :
AA-ROOFDL

Tot Ion:101 Resp: 40123
Ion Ratio Lower Upper
101 100
103 60.8 51.6 77.4

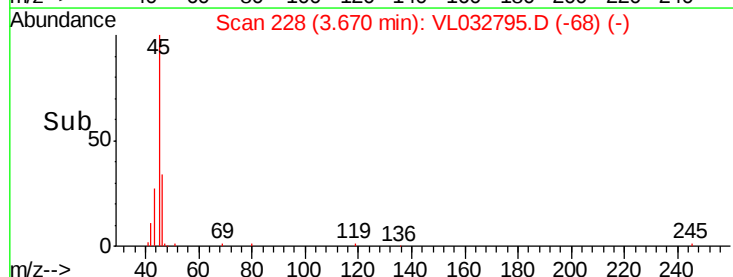
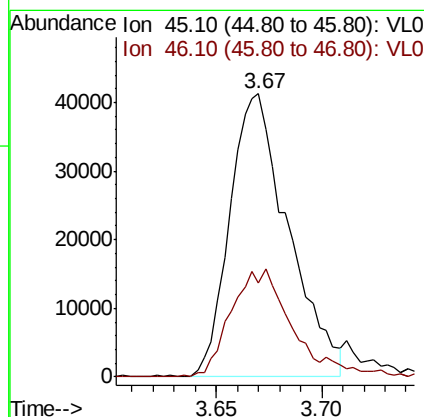
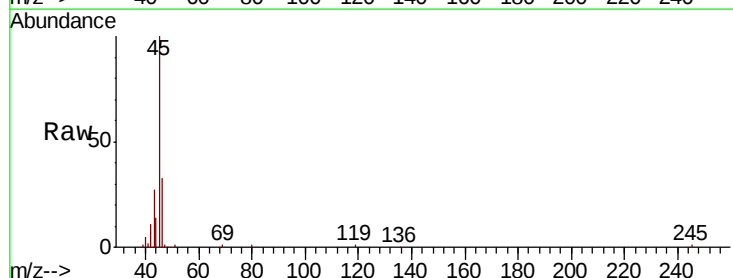
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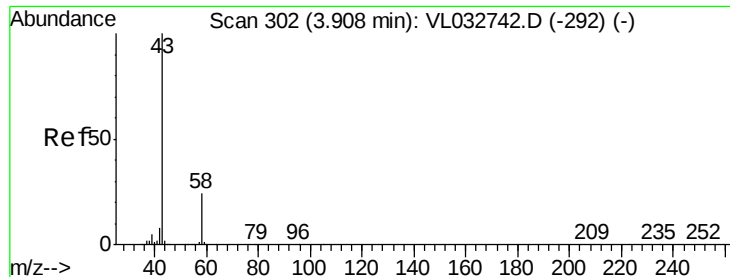
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#13
Ethanol
Concen: 5.914 ppbv
RT: 3.67 min Scan# 228
Delta R.T. 0.01 min
Lab File: VL032795.D
Acq: 21 Nov 2018 1:55

Tgt Ion: 45 Resp: 79447
Ion Ratio Lower Upper
45 100
46 41.2 14.5 57.9





#15

Acetone

Concen: 0.739 ppbv

RT: 3.93 min Scan# 308

Delta R.T. 0.02 min

Lab File: VL032795.D

Acq: 21 Nov 2018 1:55

Instrument :

MSVOA_L

ClientSampleId :

AA-ROOFDL

Tot Ion: 43 Resp: 87250

Ion Ratio Lower Upper

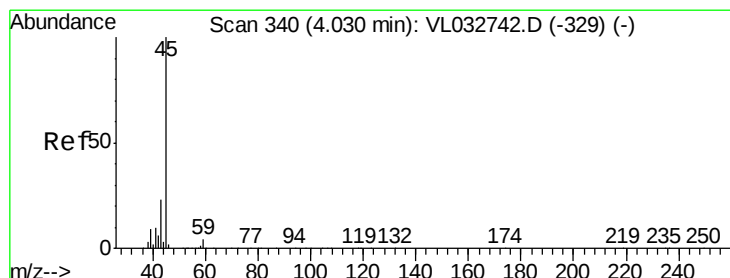
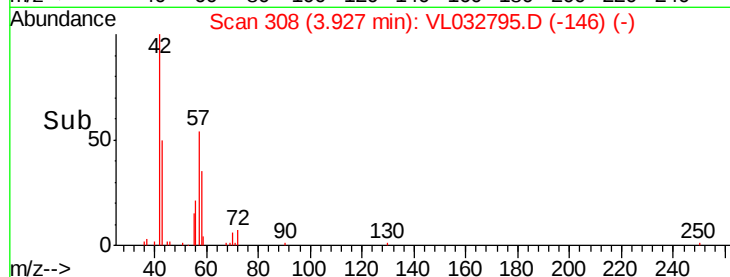
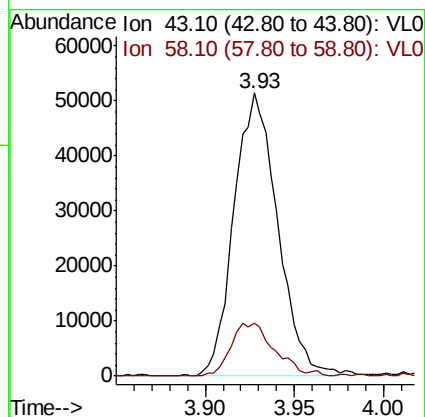
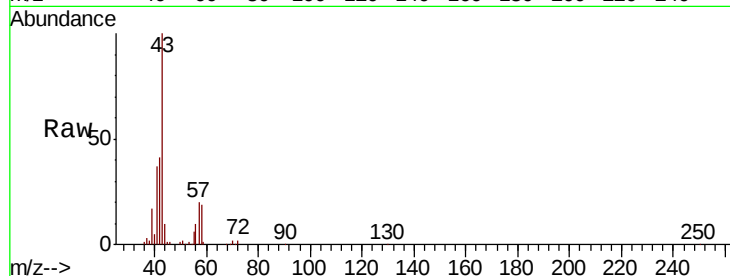
43 100

58 19.1 21.1 31.7#

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#19

Isopropyl Alcohol

Concen: 0.163 ppbv m

RT: 4.07 min Scan# 352

Delta R.T. 0.04 min

Lab File: VL032795.D

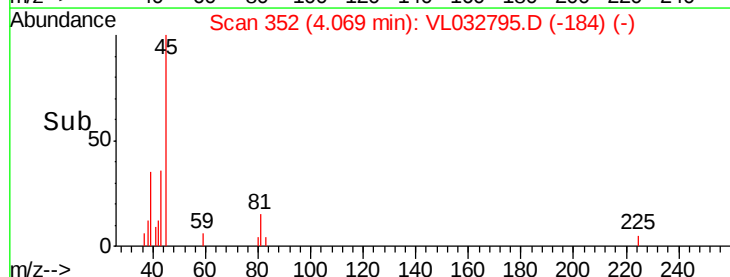
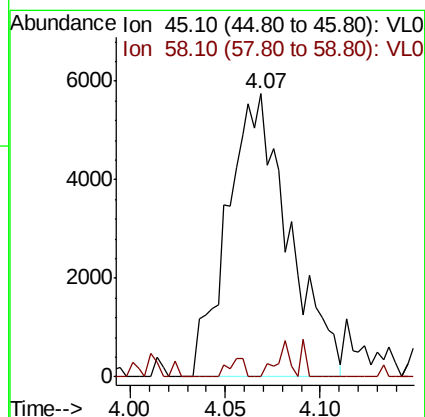
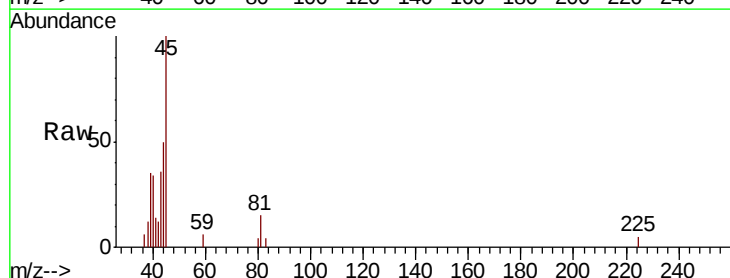
Acq: 21 Nov 2018 1:55

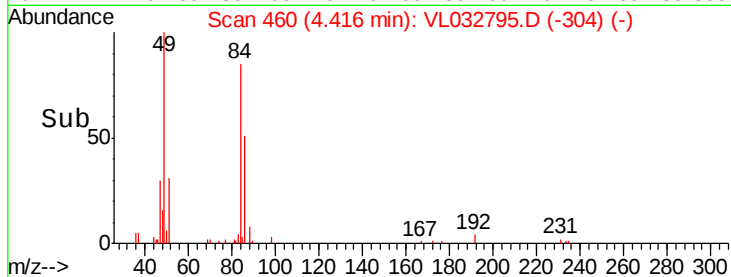
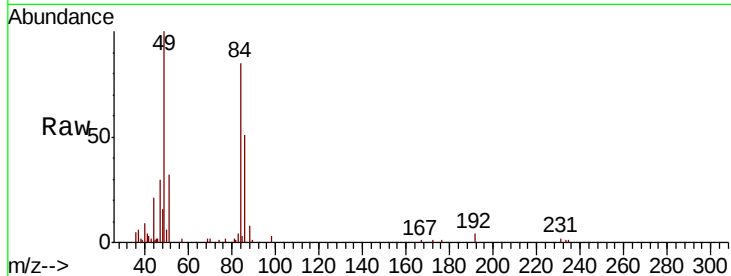
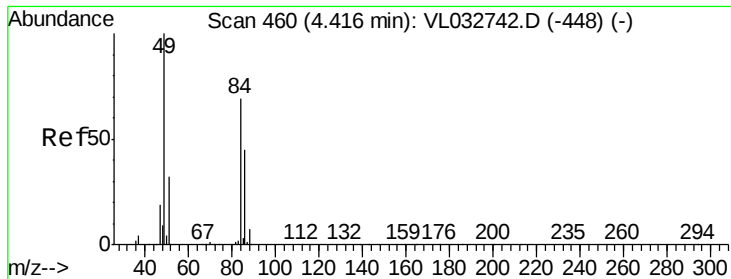
Tgt Ion: 45 Resp: 12848

Ion Ratio Lower Upper

45 100

58 128.8 1.4 2.0#





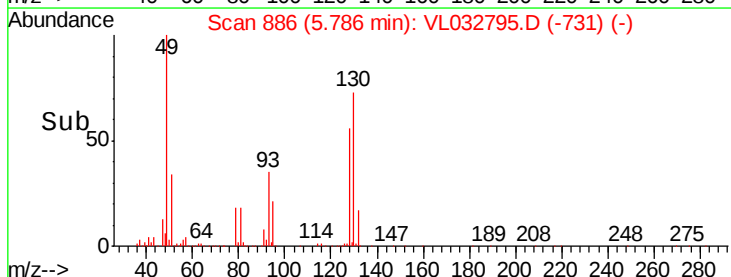
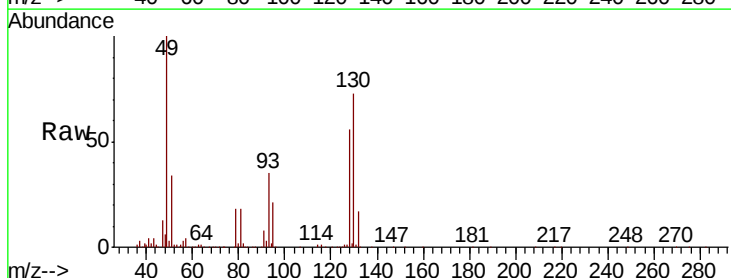
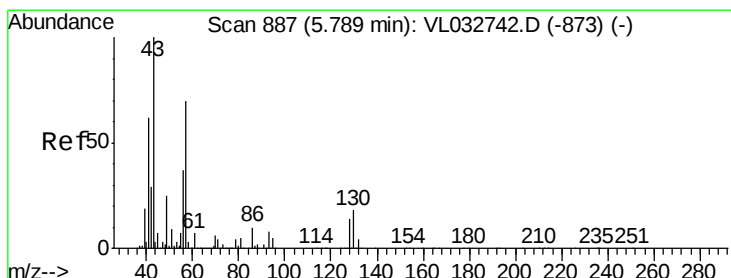
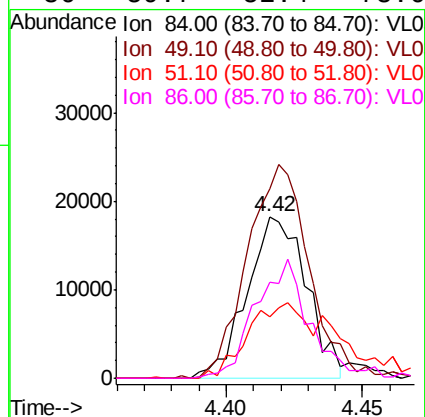
#20
Methvlene Chloride
Concen: 0.452 ppbv
RT: 4.42 min Scan# 460
Delta R.T. 0.00 min
Lab File: VL032795.D
Acq: 21 Nov 2018 1:55

Tot Ion:	84	Resp:	27614
Ion	Ratio	Lower	Upper
84	100		
49	117.8	115.8	173.6
51	38.0	36.9	55.3
86	59.7	52.4	78.6

Instrument :
MSVOA_L
ClientSampleId :
AA-ROOFDL

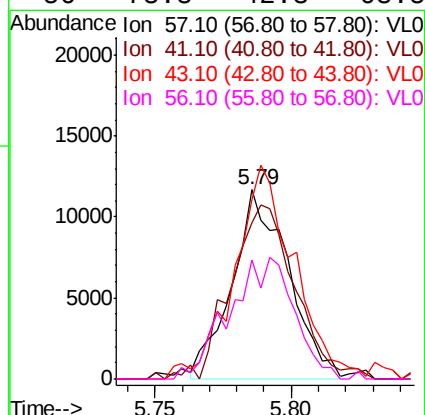
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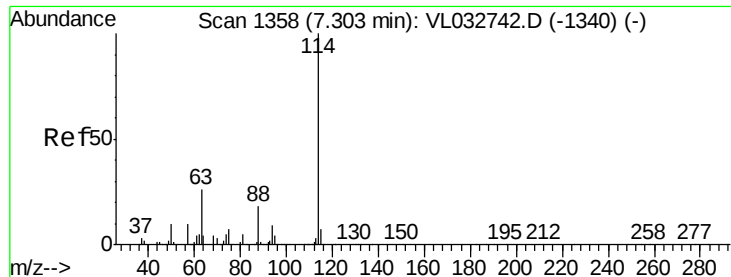
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#26
Hexane
Concen: 0.137 ppbv
RT: 5.79 min Scan# 886
Delta R.T. -0.00 min
Lab File: VL032795.D
Acq: 21 Nov 2018 1:55

Tgt Ion:	57	Resp:	16784
Ion	Ratio	Lower	Upper
57	100		
41	105.5	70.3	105.5#
43	124.7	174.0	261.0#
56	73.8	42.3	63.5#





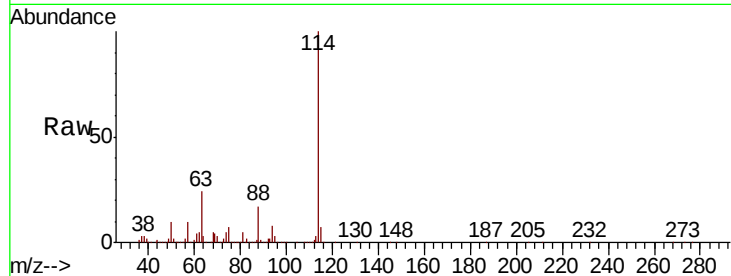
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1356
Delta R.T. -0.01 min
Lab File: VL032795.D
Acq: 21 Nov 2018 1:55

Instrument :
MSVOA_L
ClientSampleId :
AA-ROOFDL

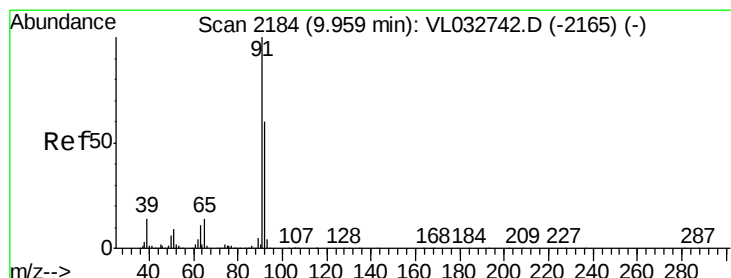
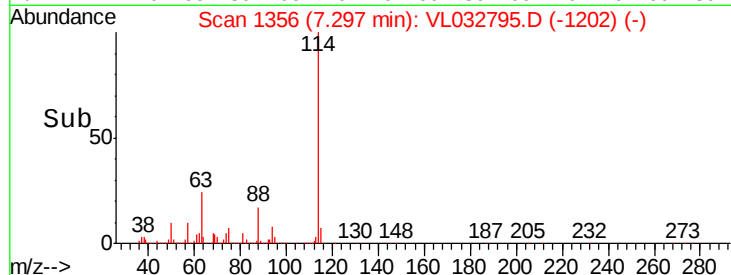
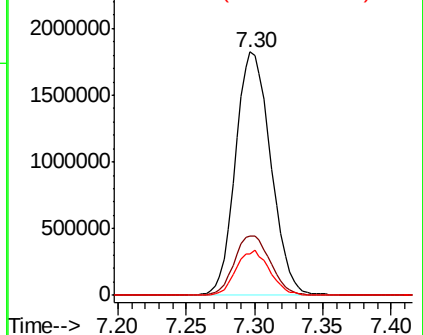
Tot Ion	Ratio	Lower	Upper
114	100		
63	25.1	20.9	31.3
88	17.8	14.4	21.6

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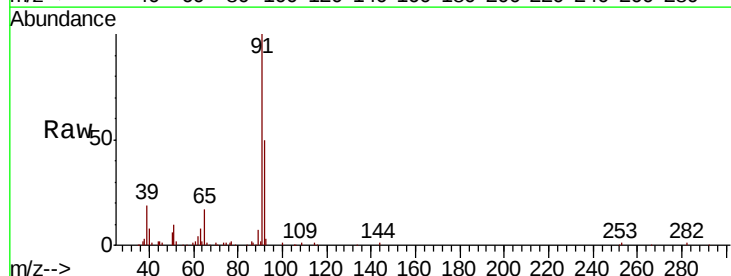


Abundance Ion 114.10 (113.80 to 114.80): VL0
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0

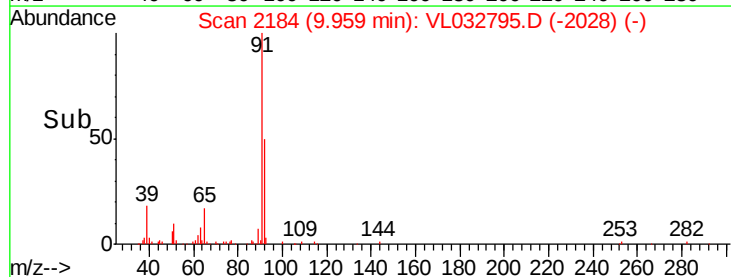
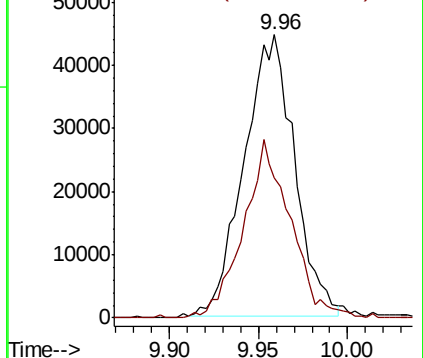


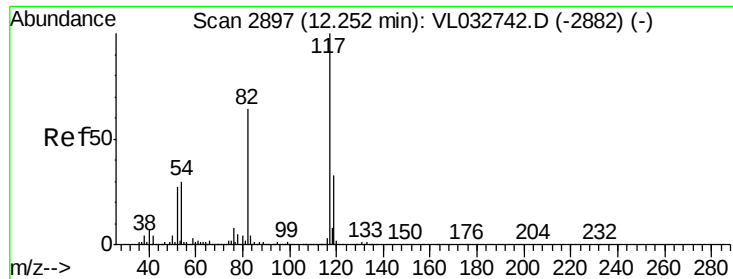
#53
Toluene
Concen: 0.324 ppbv
RT: 9.96 min Scan# 2184
Delta R.T. 0.00 min
Lab File: VL032795.D
Acq: 21 Nov 2018 1:55

Tgt Ion	Ratio	Lower	Upper
91	100		
92	59.1	47.9	71.9



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 92.10 (91.80 to 92.80): VL0





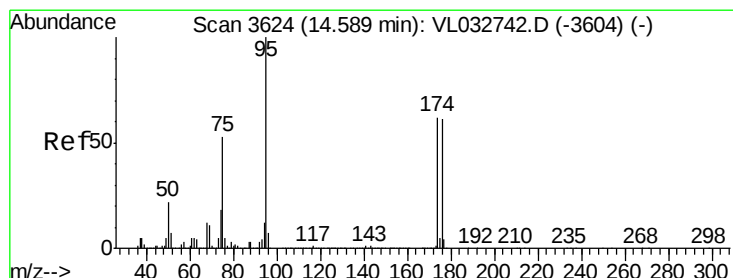
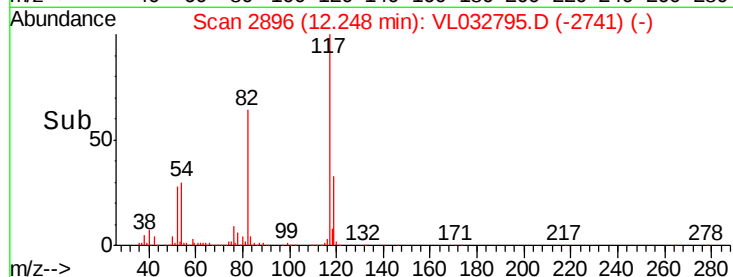
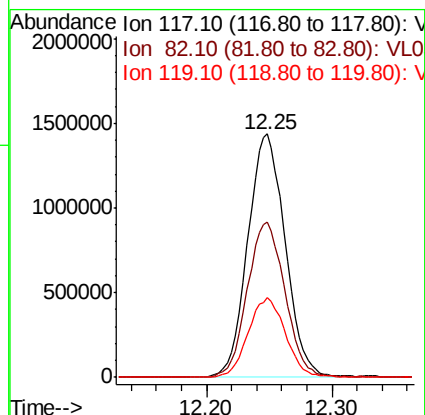
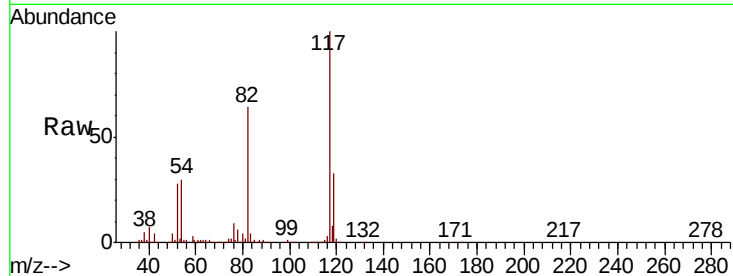
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VL032795.D
Acq: 21 Nov 2018 1:55

Instrument :
MSVOA_L
ClientSampleId :
AA-ROOFDL

Tot Ion	Ratio	Lower	Upper
117	100		
82	64.8	51.0	76.6
119	32.8	28.0	42.0

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.817 ppbv
RT: 14.58 min Scan# 3622
Delta R.T. -0.01 min
Lab File: VL032795.D
Acq: 21 Nov 2018 1:55

Tgt Ion	Ratio	Lower	Upper
95	100		
174	67.5	50.7	76.1
175	5.0	3.8	5.6

