

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110320\
 Data File : VL035824.D
 Acq On : 4 Nov 2020 4:24
 Operator : SY/AP
 Sample : L4610-03 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV3

Manual Integrations
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Quant Time: Nov 04 06:30:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov 04
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1133560	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.14	114	5025018	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.06	117	4624605	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	3325647	10.12	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.99	41	10908m	0.220	ppbv	
13) Ethanol	3.60	45	10424m	0.967	ppbv	
15) Acetone	3.83	43	287760	2.374	ppbv	90
20) Methylene Chloride	4.32	84	24370m	0.286	ppbv	
26) Hexane	5.66	57	15691	0.119	ppbv #	47
53) Toluene	9.77	91	64660	0.143	ppbv	96
59) m/p-Xylene	12.94	91	71937m	0.151	ppbv	

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

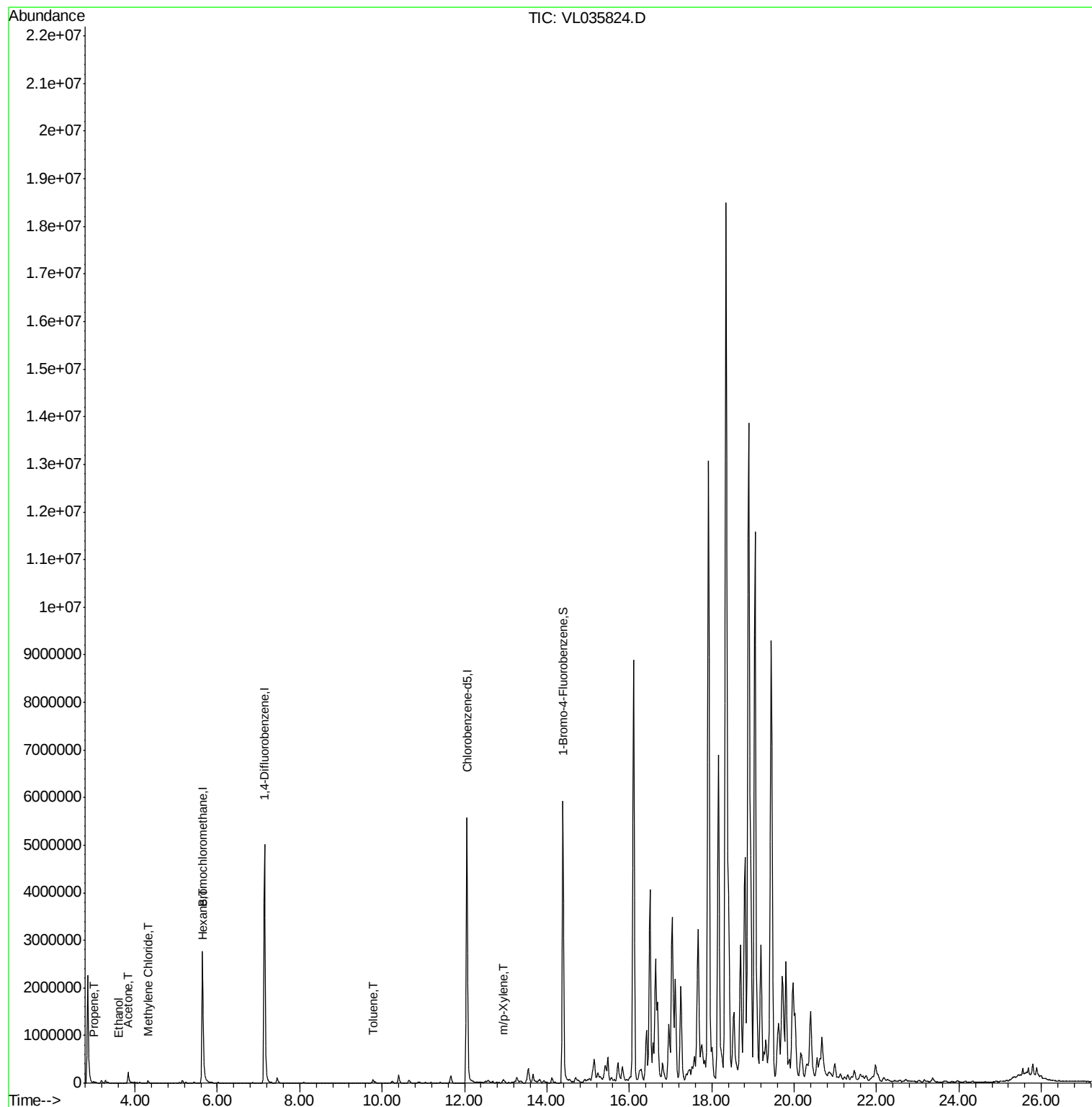
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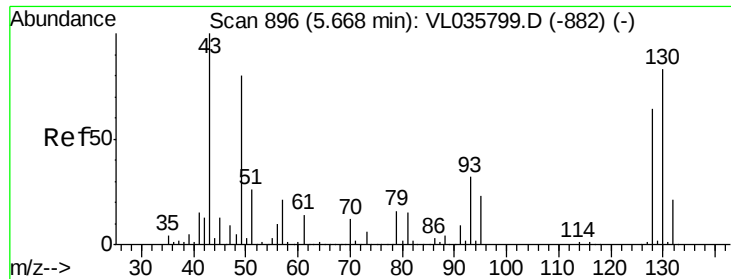
Instrument :
MSVOA_L
ClientSampleId :
SV3

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 886

Delta R.T. -0.03 min

Lab File: VL035824.D

Acq: 4 Nov 2020 4:24

Instrument :

MSVOA_L

ClientSampled :

SV3

Tot Ion: 49 Resp: 1133560

Ion Ratio Lower Upper

49 100

128 92.4 41.5 124.6

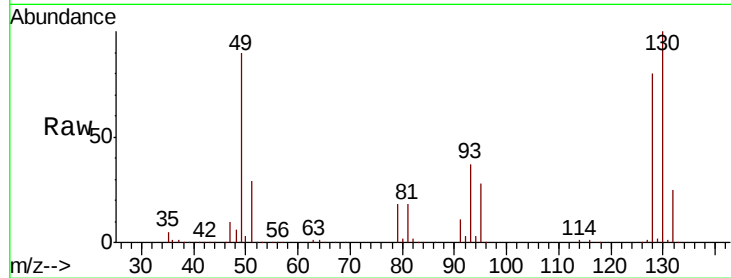
130 118.2 53.7 161.1

Manual Integrations

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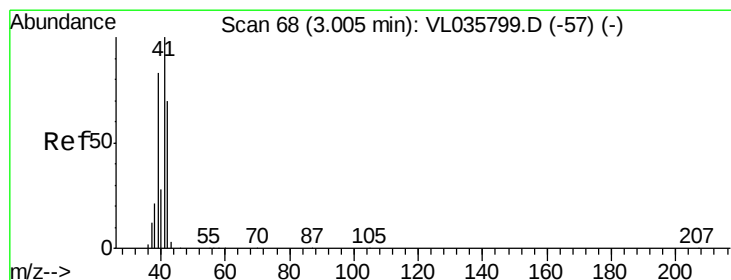
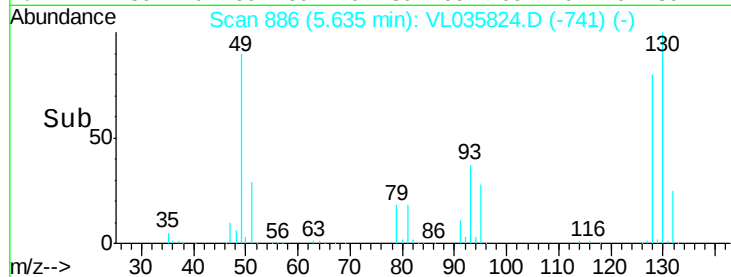
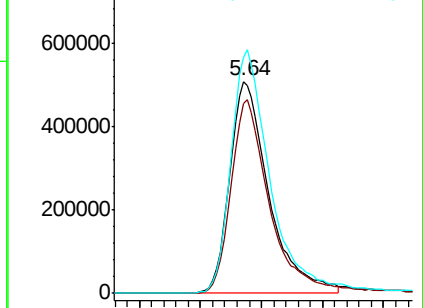
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#9

Propene

Concen: 0.220 ppbv m

RT: 2.99 min Scan# 64

Delta R.T. -0.01 min

Lab File: VL035824.D

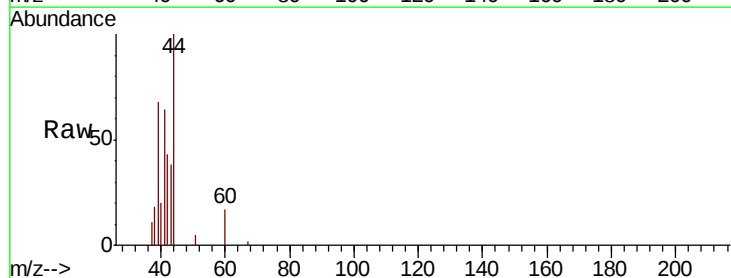
Acq: 4 Nov 2020 4:24

Tgt Ion: 41 Resp: 10908

Ion Ratio Lower Upper

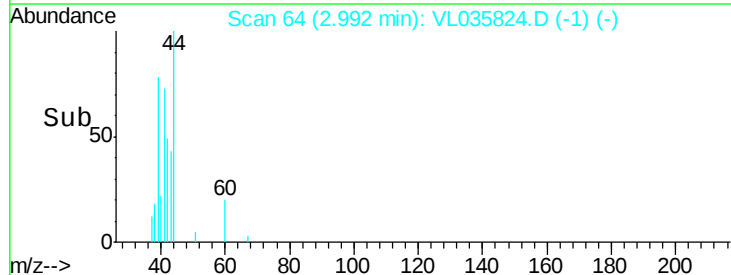
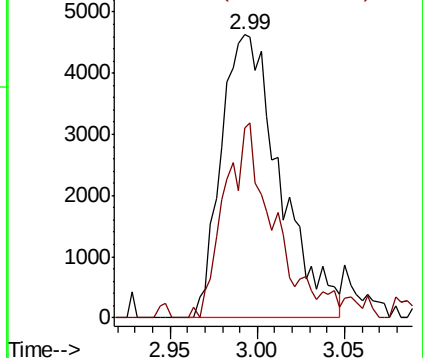
41 100

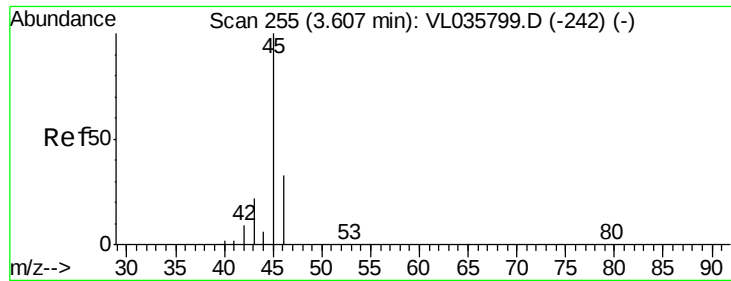
42 61.7 56.2 84.4



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





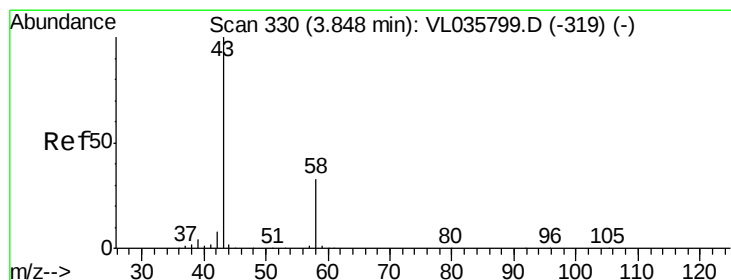
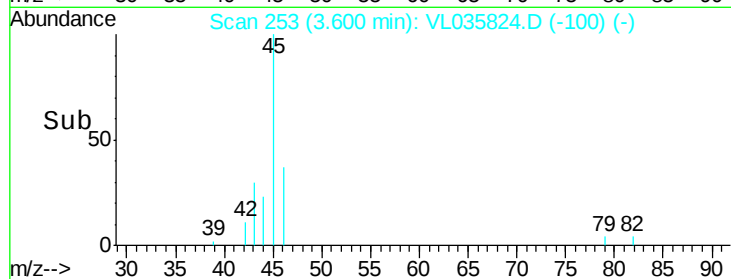
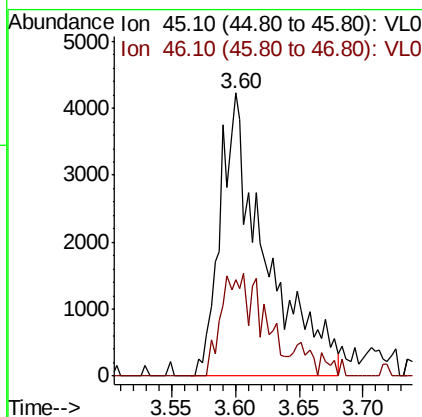
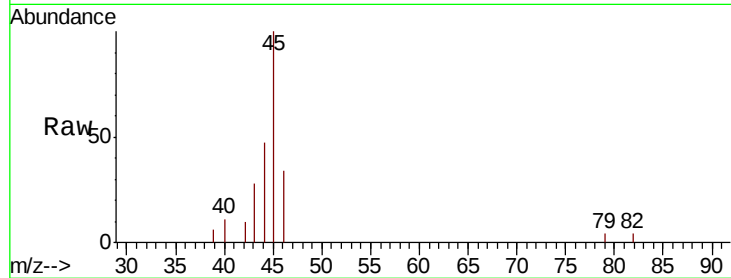
#13
Ethanol
Concen: 0.967 ppbv m
RT: 3.60 min Scan# 253
Delta R.T. -0.01 min
Lab File: VL035824.D
Acq: 4 Nov 2020 4:24

Instrument :
MSVOA_L
ClientSampled :
SV3

Tot Ion: 45 Resp: 10424
Ion Ratio Lower Upper
45 100
46 0.0 16.1 64.5#

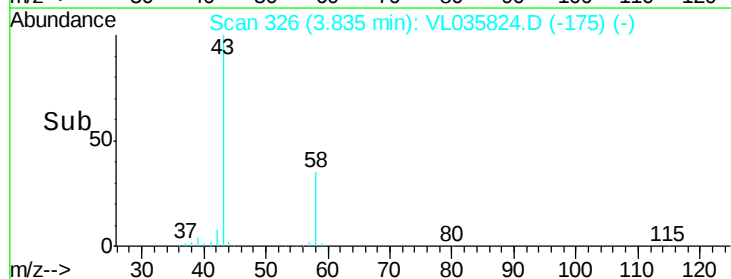
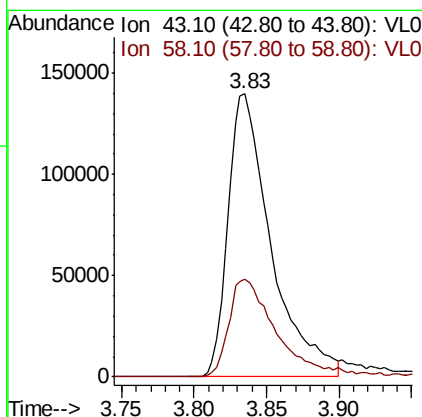
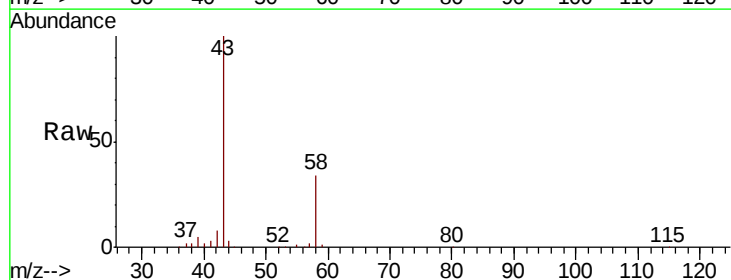
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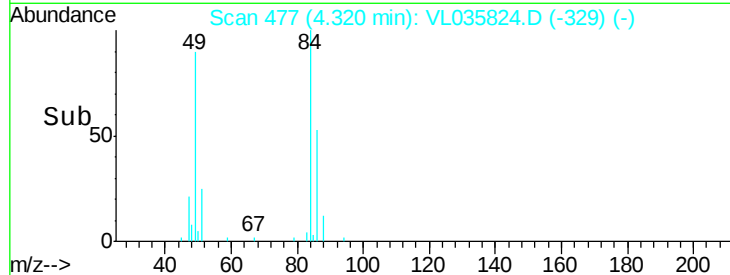
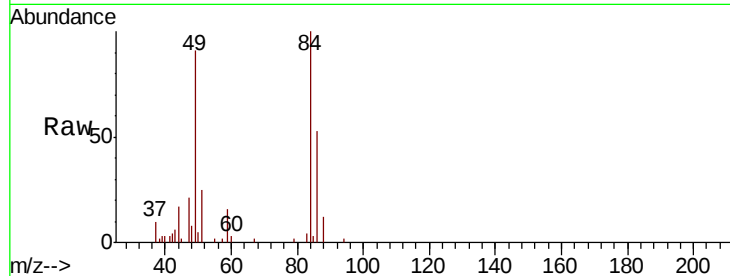
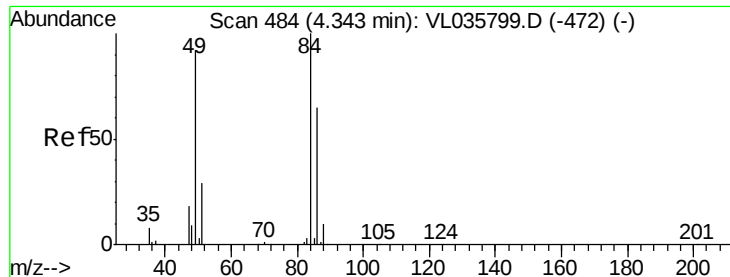
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#15
Acetone
Concen: 2.374 ppbv
RT: 3.83 min Scan# 326
Delta R.T. -0.01 min
Lab File: VL035824.D
Acq: 4 Nov 2020 4:24

Tgt Ion: 43 Resp: 287760
Ion Ratio Lower Upper
43 100
58 40.1 27.5 41.3





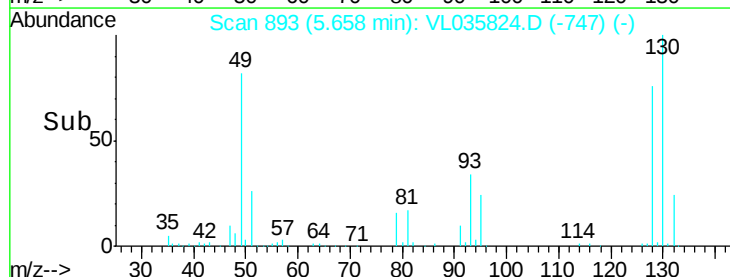
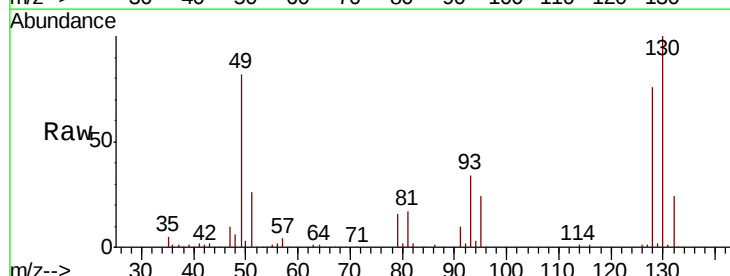
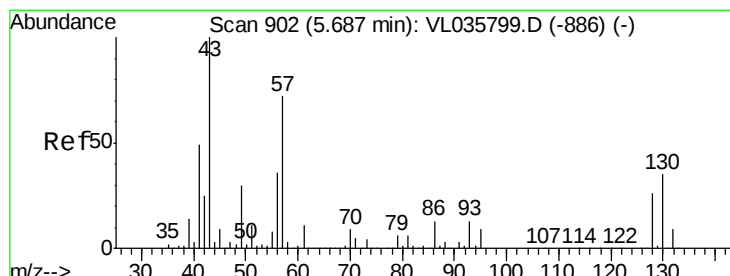
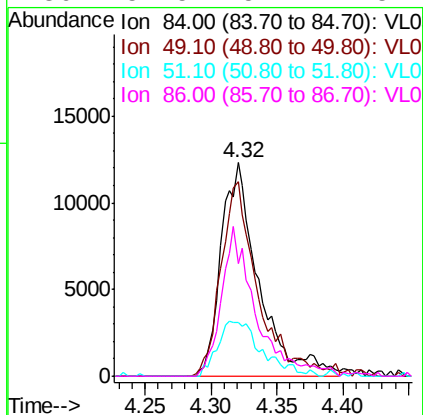
#20
Methvlene Chloride
Concen: 0.286 ppbv
RT: 4.32 min Scan# 477
Delta R.T. -0.02 min
Lab File: VL035824.D
Acq: 4 Nov 2020 4:24

Tot Ion:	84	Resp:	24370
Ion	Ratio	Lower	Upper
84	100		
49	90.8	73.8	110.8
51	25.4	23.0	34.4
86	52.5	52.1	78.1

Instrument :
MSVOA_L
ClientSampleId :
SV3

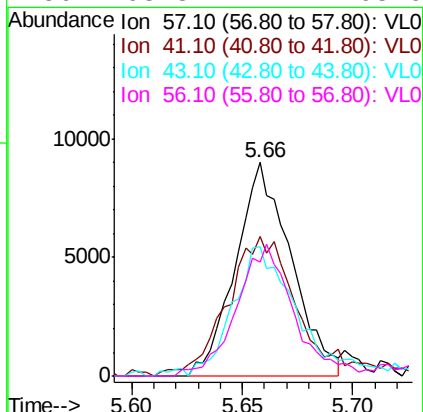
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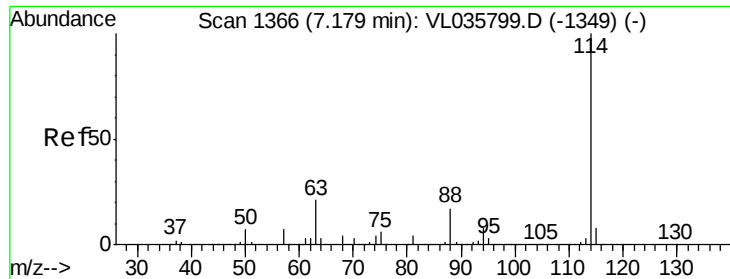
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#26
Hexane
Concen: 0.119 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.03 min
Lab File: VL035824.D
Acq: 4 Nov 2020 4:24

Tgt Ion:	57	Resp:	15691
Ion	Ratio	Lower	Upper
57	100		
41	87.5	58.9	88.3
43	73.7	150.2	225.2#
56	63.3	42.4	63.6





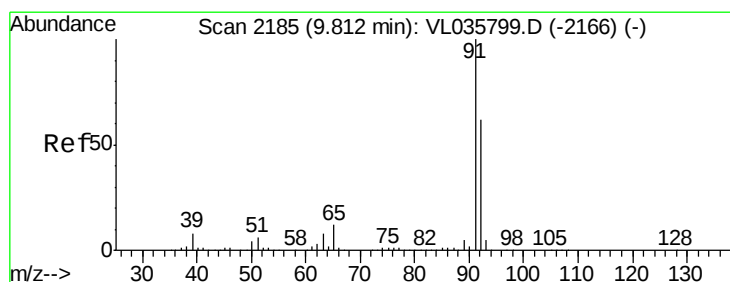
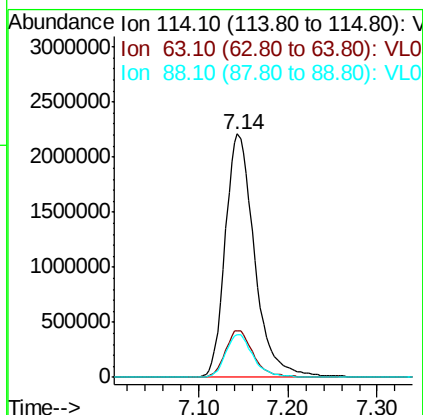
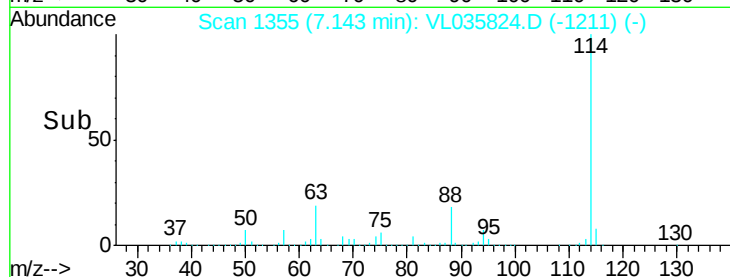
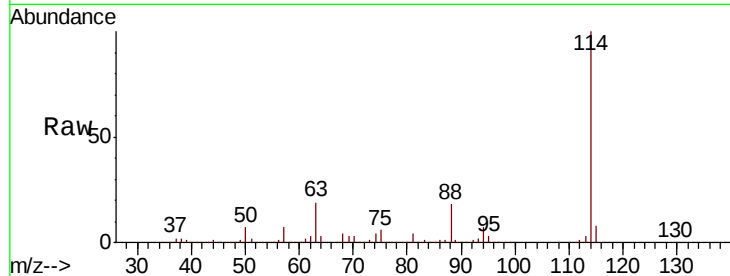
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.14 min Scan# 1355
 Delta R.T. -0.04 min
 Lab File: VL035824.D
 Acq: 4 Nov 2020 4:24

Instrument :
 MSVOA_L
 ClientSampled :
 SV3

Tot Ion:114 Resp: 5025018
 Ion Ratio Lower Upper
 114 100
 63 18.5 16.1 24.1
 88 17.0 13.7 20.5

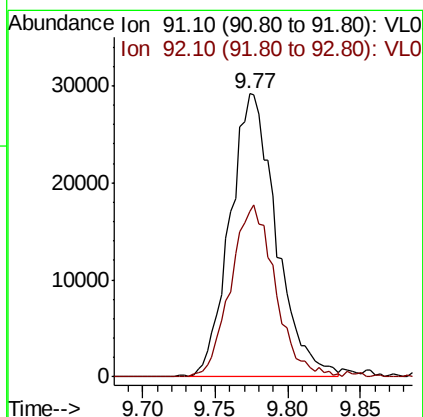
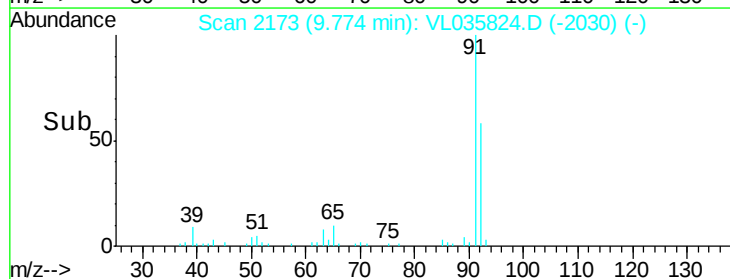
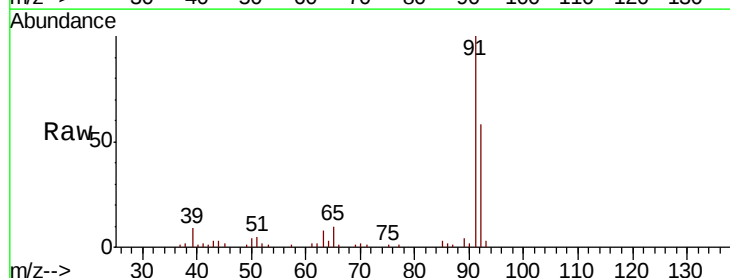
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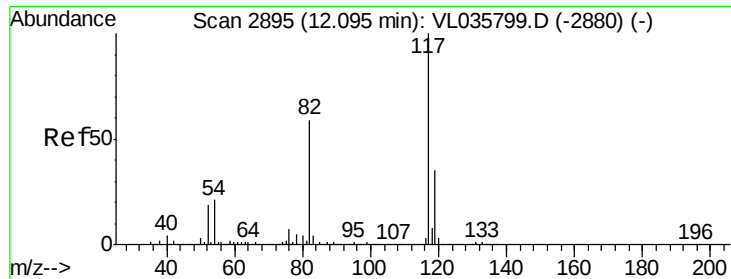
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#53
 Toluene
 Concen: 0.143 ppbv
 RT: 9.77 min Scan# 2173
 Delta R.T. -0.04 min
 Lab File: VL035824.D
 Acq: 4 Nov 2020 4:24

Tgt Ion: 91 Resp: 64660
 Ion Ratio Lower Upper
 91 100
 92 59.2 49.8 74.6





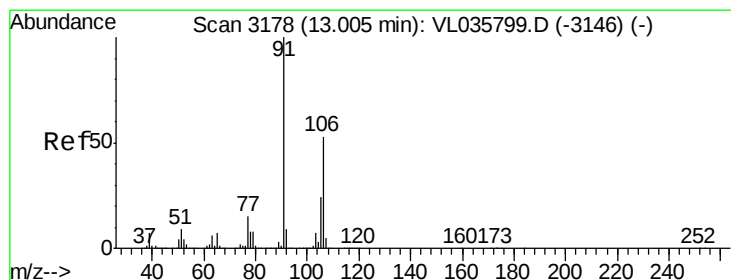
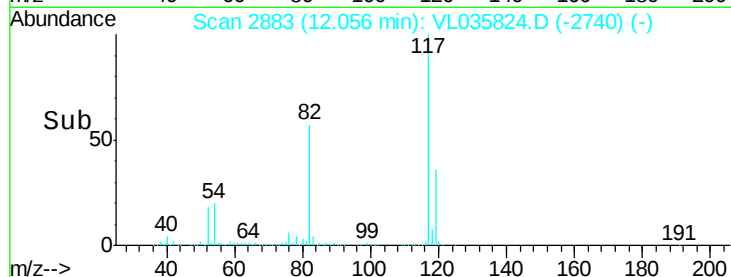
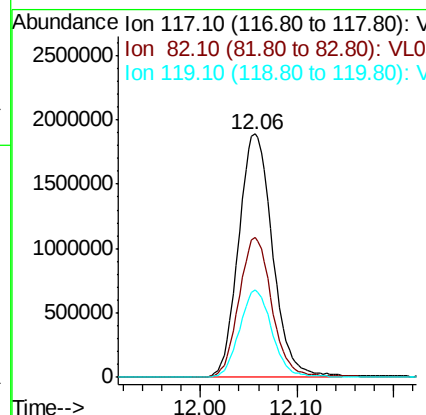
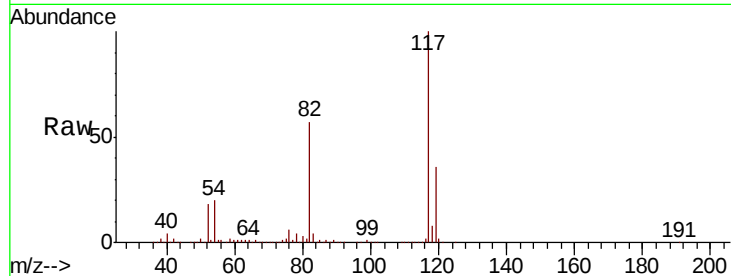
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2883
Delta R.T. -0.04 min
Lab File: VL035824.D
Acq: 4 Nov 2020 4:24

Instrument :
MSVOA_L
ClientSampleId :
SV3

Tot Ion:117 Resp: 4624605
Ion Ratio Lower Upper
117 100
82 56.6 50.6 76.0
119 34.8 52.6 78.8#

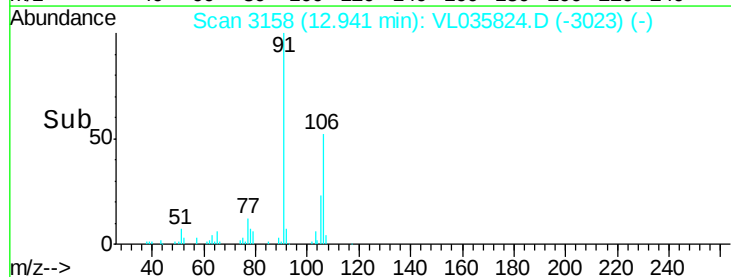
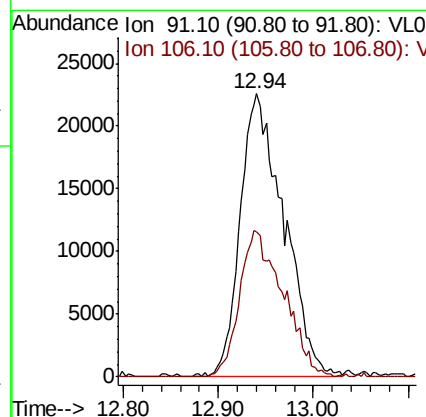
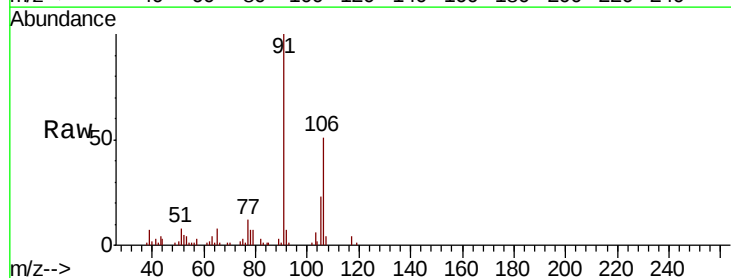
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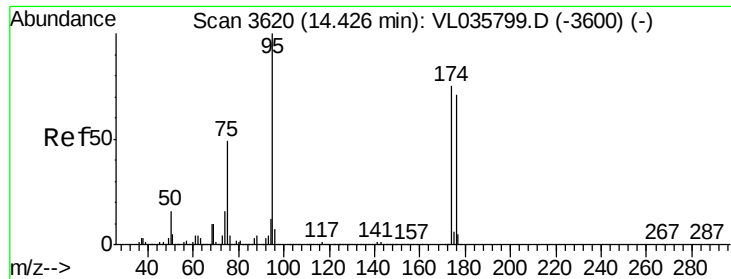
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#59
m/p-Xylene
Concen: 0.151 ppbv m
RT: 12.94 min Scan# 3158
Delta R.T. -0.06 min
Lab File: VL035824.D
Acq: 4 Nov 2020 4:24

Tgt Ion: 91 Resp: 71937
Ion Ratio Lower Upper
91 100
106 0.0 39.5 59.3#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.122 ppbv
 RT: 14.39 min Scan# 3608
 Delta R.T. -0.04 min
 Lab File: VL035824.D
 Acq: 4 Nov 2020 4:24

Instrument :
 MSVOA_L
 ClientSampleId :
 SV3

Tot Ion:	95	Resp:	3325647
Ion Ratio	Lower	Upper	
95	100		
174	76.6	59.8	89.6
175	5.5	4.3	6.5

Manual Integrations
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