

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110320\
 Data File : VL035822.D
 Acq On : 4 Nov 2020 3:07
 Operator : SY/AP
 Sample : L4610-02 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2

Manual Integrations
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 11/5/2020 2:14:37 PM

Quant Time: Nov 04 06:25:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed 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	1143547	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.14	114	5039306	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.06	117	4711153	10.00	ppbv	-0.04

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.39	95	3347220	10.00	ppbv	-0.04	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.99	41	61989	1.237	ppbv	97
13) Ethanol	3.60	45	17991m	1.655	ppbv	
15) Acetone	3.84	43	111988	0.916	ppbv #	80
20) Methylene Chloride	4.32	84	54634	0.635	ppbv	97
26) Hexane	5.66	57	35804	0.270	ppbv #	48
53) Toluene	9.78	91	72947	0.161	ppbv	99

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

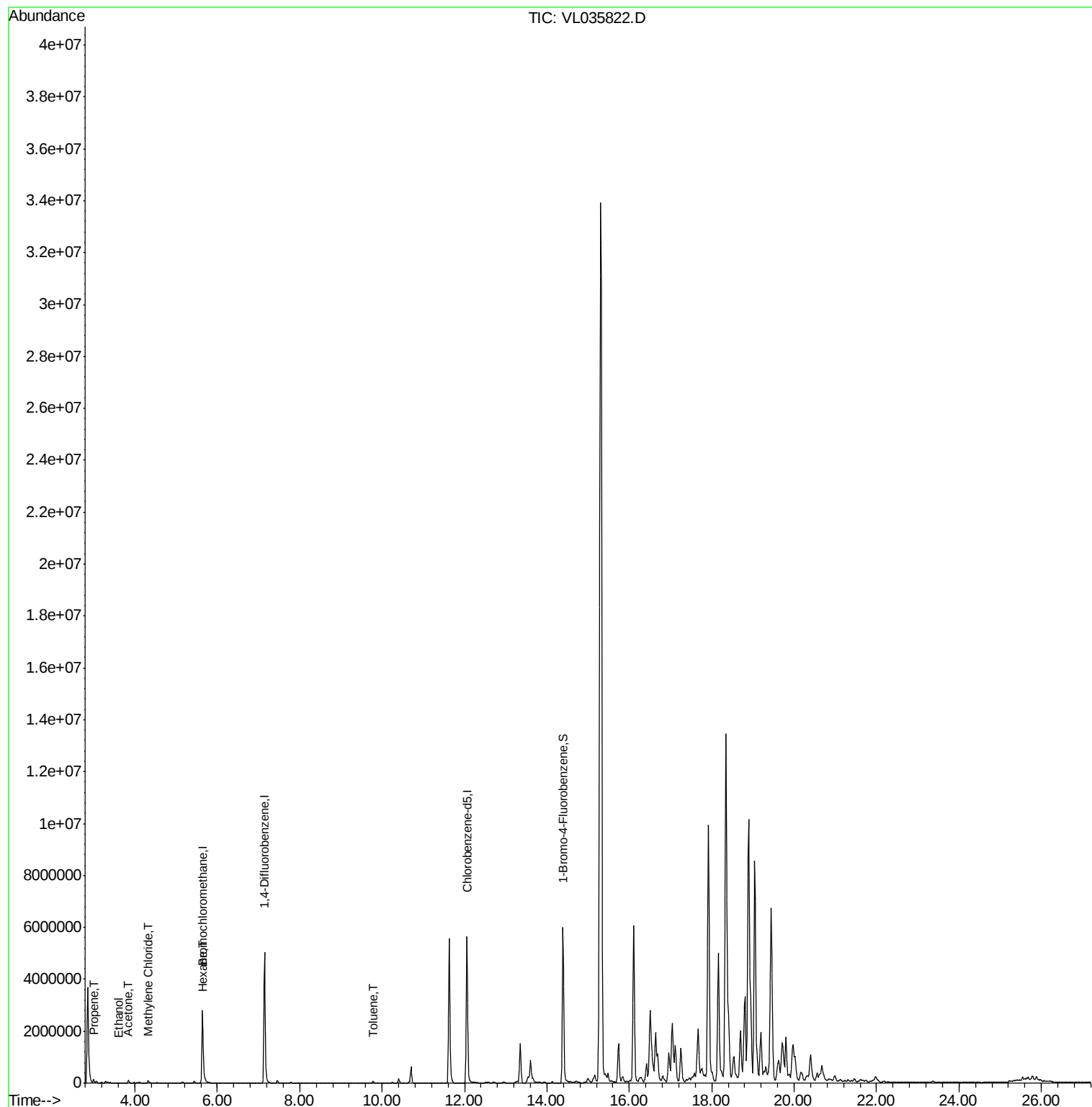
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL110320\
Data File : VL035822.D
Acq On : 4 Nov 2020 3:07
Operator : SY/AP
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Misc : 400ml/MSVOA L
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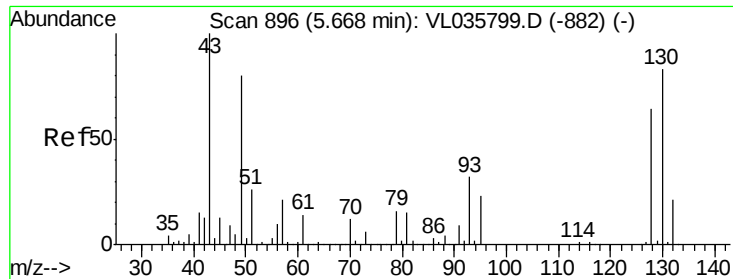
Instrument :
MSVOA_L
ClientSampled :
SV2

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Quant Time: Nov 04 06:25:22 2020
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: VL035822.D

Acq: 4 Nov 2020 3:07

Instrument :

MSVOA_L

ClientSampled :

SV2

Tot Ion: 49 Resp: 1143547

Ion Ratio Lower Upper

49 100

128 93.5 41.5 124.6

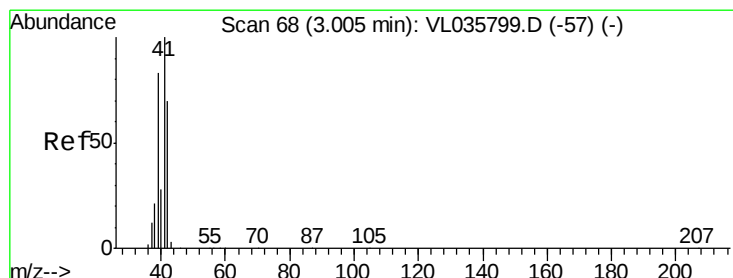
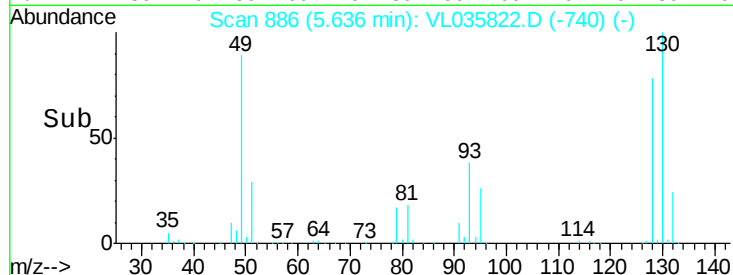
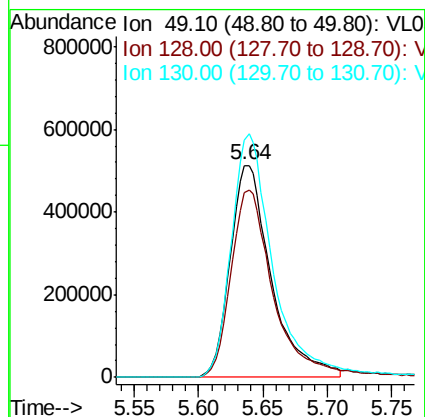
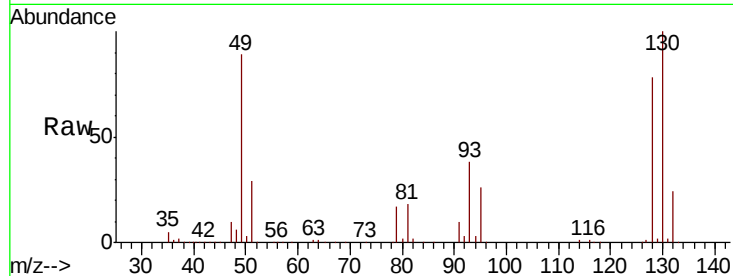
130 120.0 53.7 161.1

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#9

Propene

Concen: 1.237 ppbv

RT: 2.99 min Scan# 62

Delta R.T. -0.02 min

Lab File: VL035822.D

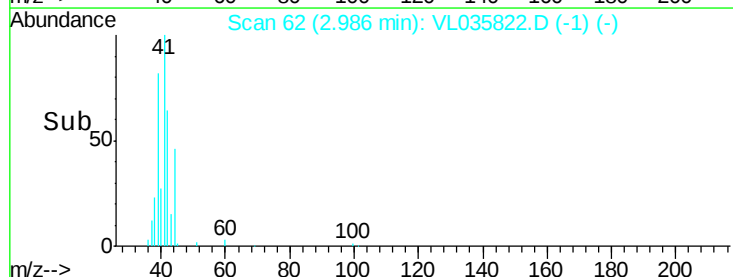
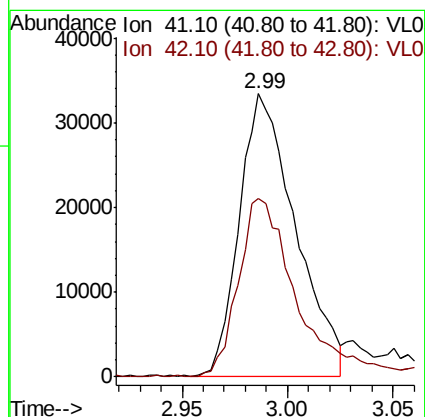
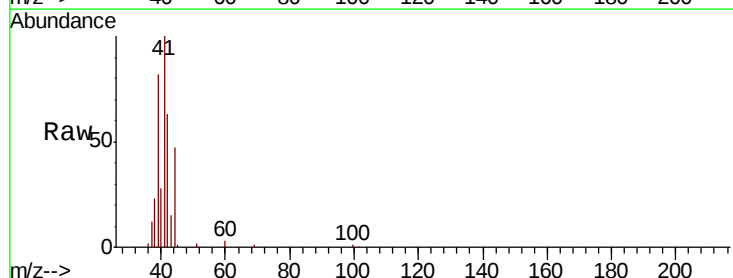
Acq: 4 Nov 2020 3:07

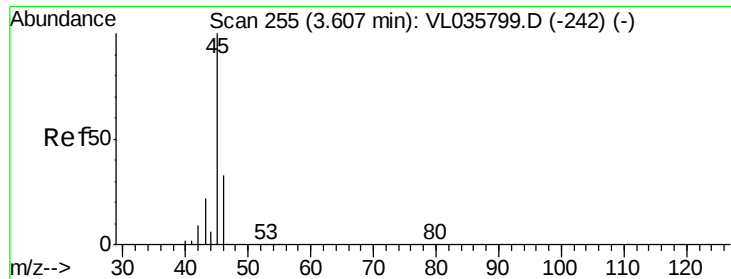
Tgt Ion: 41 Resp: 61989

Ion Ratio Lower Upper

41 100

42 67.6 56.2 84.4





#13

Ethanol

Concen: 1.655 ppbv m

RT: 3.60 min Scan# 252

Delta R.T. -0.01 min

Lab File: VL035822.D

Acq: 4 Nov 2020 3:07

Instrument :

MSVOA_L

ClientSampled :

SV2

Tot Ion: 45 Resp: 17991

Ion Ratio Lower Upper

45 100

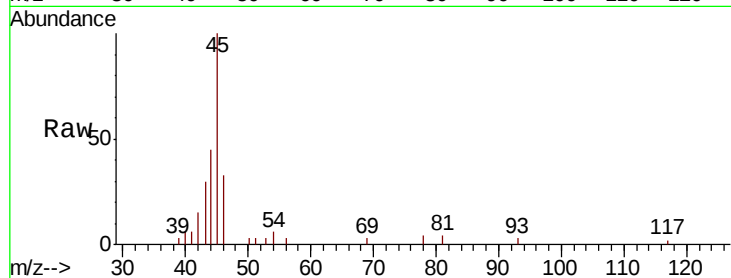
46 34.7 16.1 64.5

Manual Integrations

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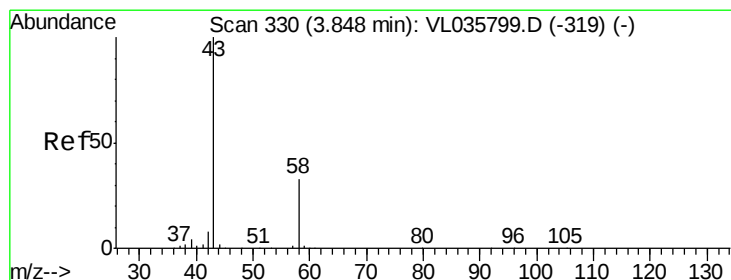
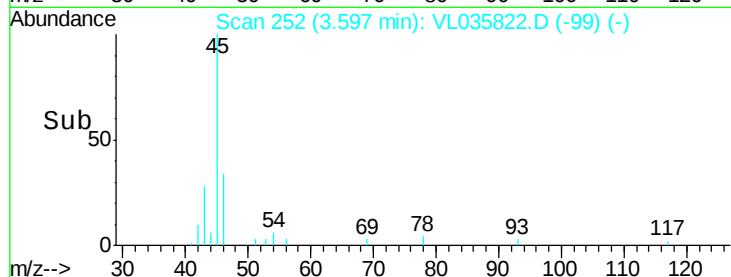
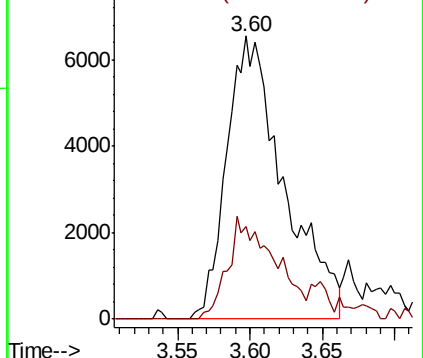
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Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0



#15

Acetone

Concen: 0.916 ppbv

RT: 3.84 min Scan# 327

Delta R.T. -0.01 min

Lab File: VL035822.D

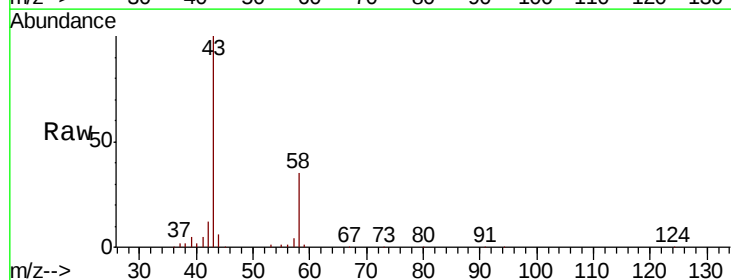
Acq: 4 Nov 2020 3:07

Tgt Ion: 43 Resp: 111988

Ion Ratio Lower Upper

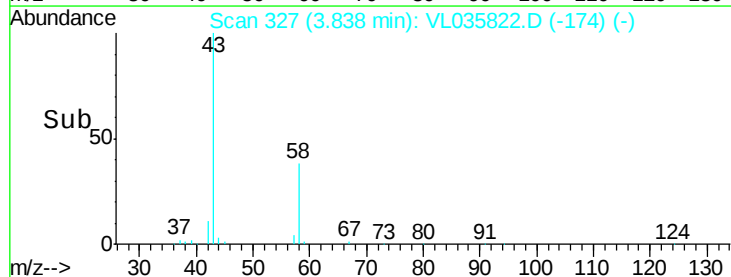
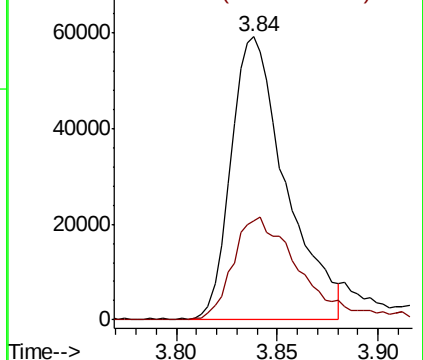
43 100

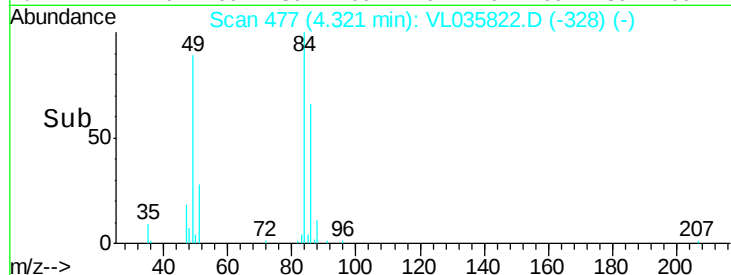
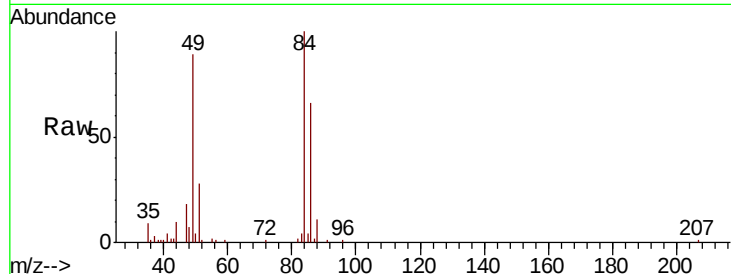
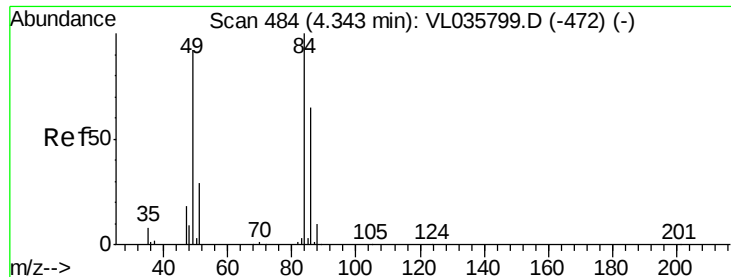
58 45.8 27.5 41.3#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





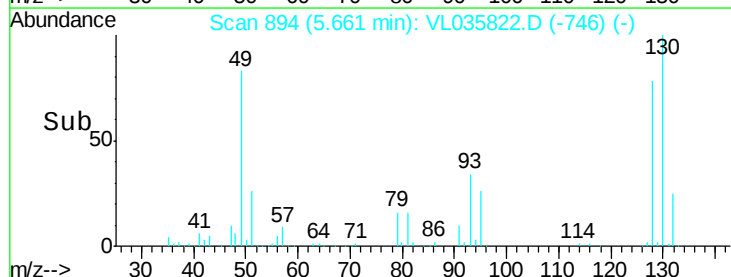
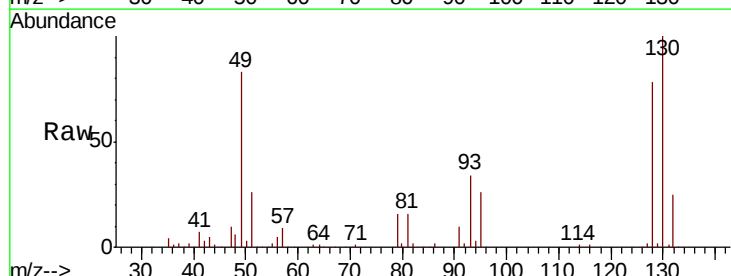
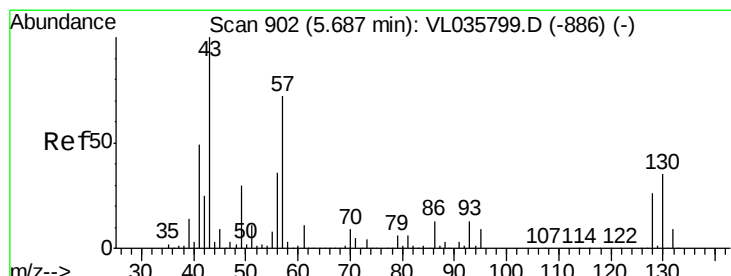
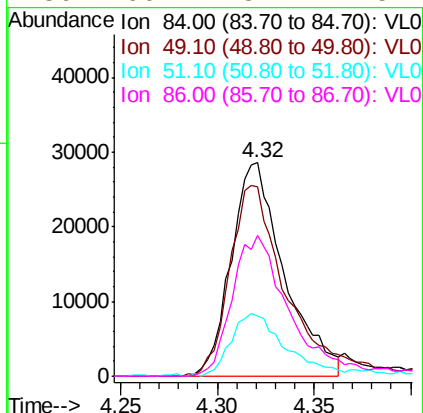
#20
Methvlene Chloride
Concen: 0.635 ppbv
RT: 4.32 min Scan# 477
Delta R.T. -0.02 min
Lab File: VL035822.D
Acq: 4 Nov 2020 3:07

Tot Ion:	84	Resp:	54634
Ion	Ratio	Lower	Upper
84	100		
49	88.0	73.8	110.8
51	28.1	23.0	34.4
86	66.1	52.1	78.1

Instrument :
MSVOA_L
ClientSampleId :
SV2

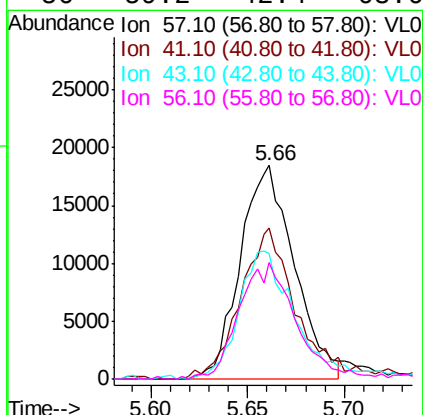
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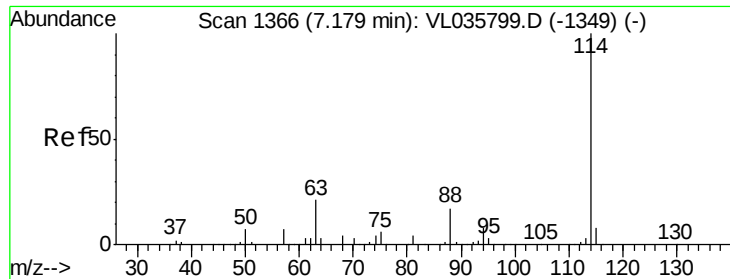
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#26
Hexane
Concen: 0.270 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.03 min
Lab File: VL035822.D
Acq: 4 Nov 2020 3:07

Tgt Ion:	57	Resp:	35804
Ion	Ratio	Lower	Upper
57	100		
41	75.3	58.9	88.3
43	65.6	150.2	225.2#
56	59.2	42.4	63.6





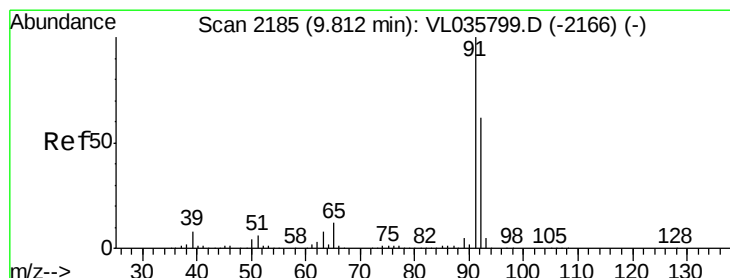
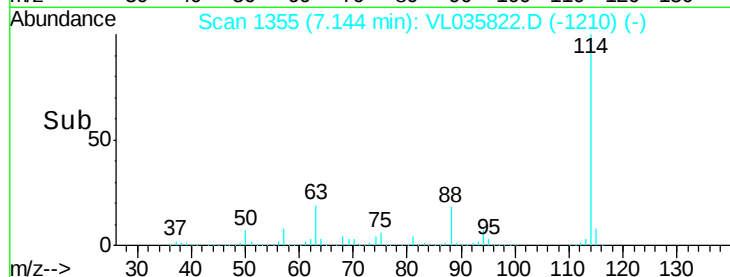
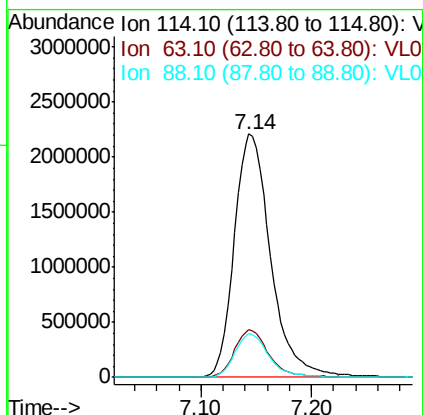
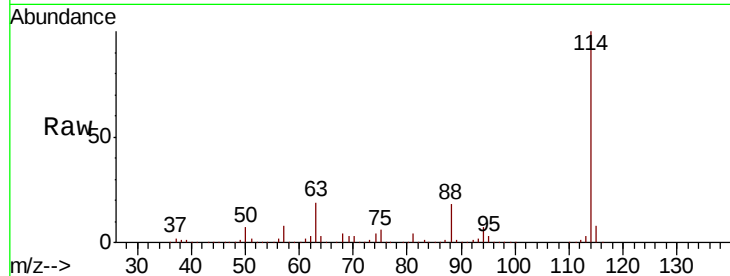
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.14 min Scan# 1355
 Delta R.T. -0.04 min
 Lab File: VL035822.D
 Acq: 4 Nov 2020 3:07

Instrument :
 MSVOA_L
 ClientSampled :
 SV2

Tot Ion: 114 Resp: 5039306
 Ion Ratio Lower Upper
 114 100
 63 18.6 16.1 24.1
 88 17.0 13.7 20.5

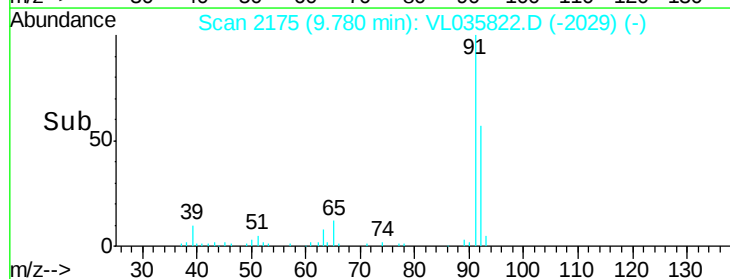
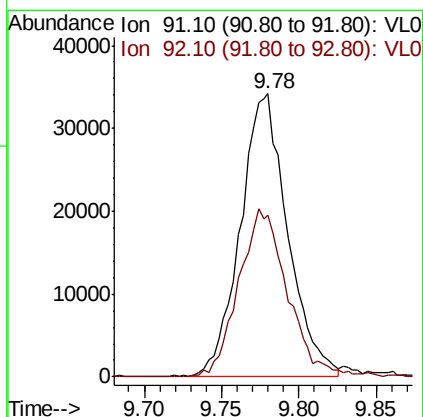
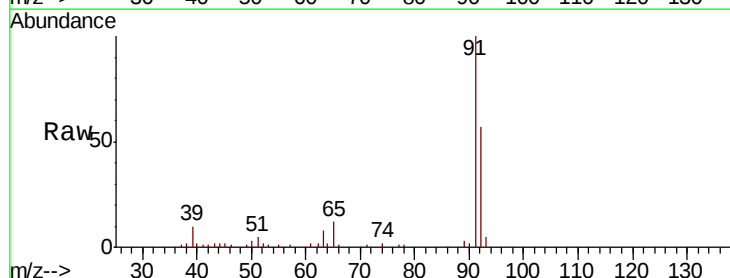
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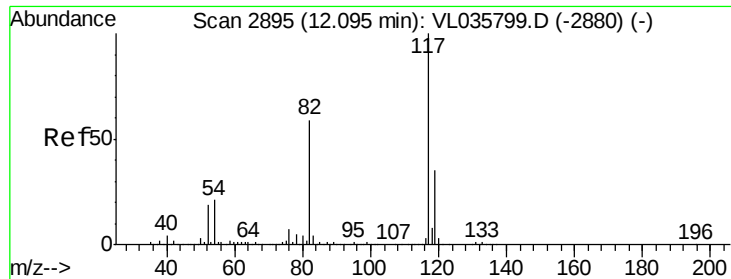
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#53
 Toluene
 Concen: 0.161 ppbv
 RT: 9.78 min Scan# 2175
 Delta R.T. -0.03 min
 Lab File: VL035822.D
 Acq: 4 Nov 2020 3:07

Tgt Ion: 91 Resp: 72947
 Ion Ratio Lower Upper
 91 100
 92 61.2 49.8 74.6





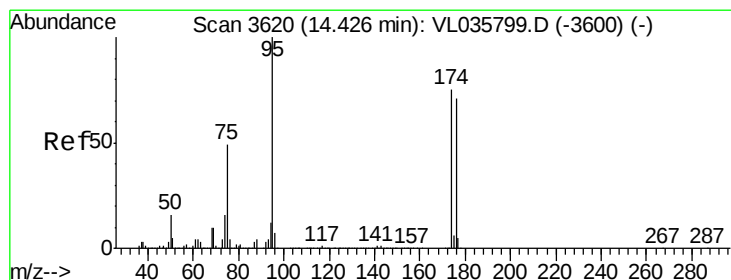
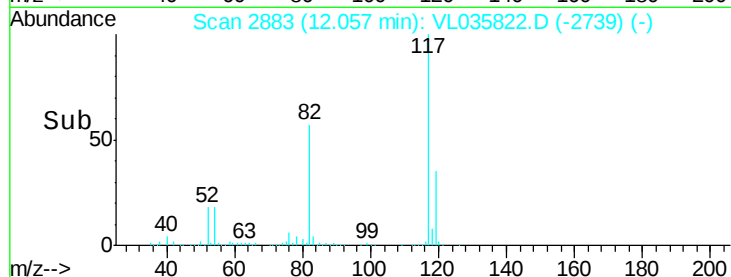
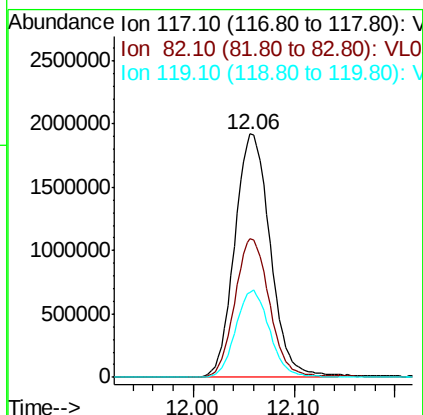
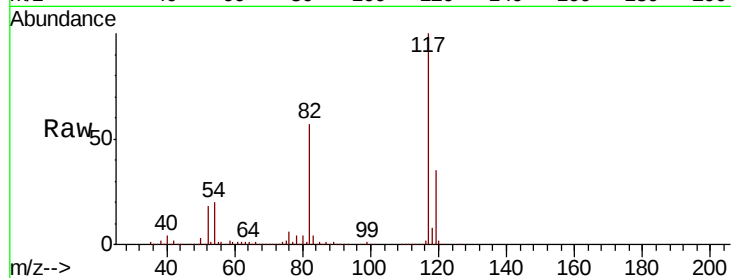
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2883
Delta R.T. -0.04 min
Lab File: VL035822.D
Acq: 4 Nov 2020 3:07

Instrument :
MSVOA_L
ClientSampled :
SV2

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.5	50.6	76.0
119	34.7	52.6	78.8#

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.000 ppbv
RT: 14.39 min Scan# 3609
Delta R.T. -0.04 min
Lab File: VL035822.D
Acq: 4 Nov 2020 3:07

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.1	59.8	89.6
175	5.6	4.3	6.5

