

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110520\
 Data File : VL035870.D
 Acq On : 5 Nov 2020 21:41
 Operator : SY/AP
 Sample : L4220-05DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL

Manual Integrations
 APPROVED

MMDadoda
 11/9/2020 10:47:34 AM

Quant Time: Nov 06 01:27:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 0
 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	998856	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	3698220	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	3401677	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2454418	10.16	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.60	45	11811m	1.244	ppbv	
15) Acetone	3.84	43	49629	0.465	ppbv #	76
20) Methylene Chloride	4.32	84	71478	0.951	ppbv	97
26) Hexane	5.66	57	29607	0.255	ppbv #	45

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

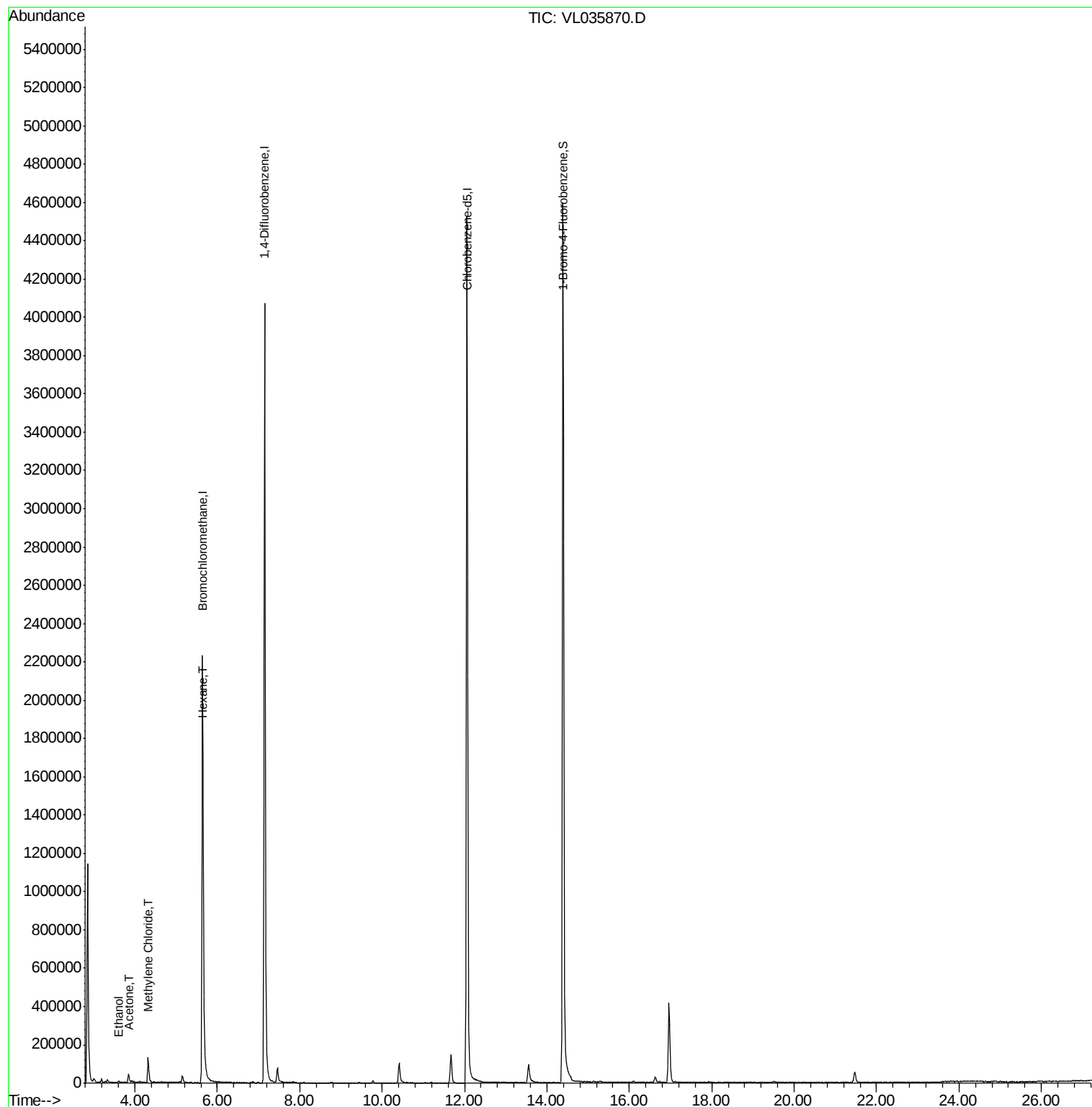
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL110520\
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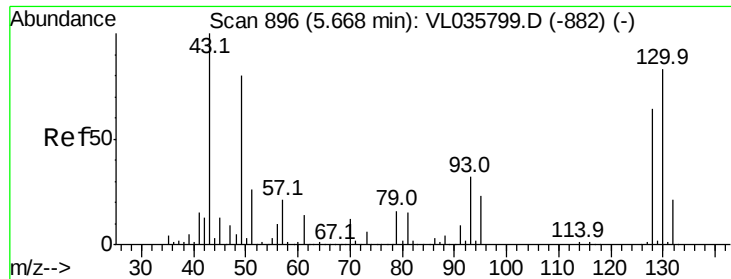
Instrument :
MSVOA_L
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Quant Time: Nov 06 01:27:22 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 887

Delta R.T. -0.03 min

Lab File: VL035870.D

Acq: 5 Nov 2020 21:41

Instrument :

MSVOA_L

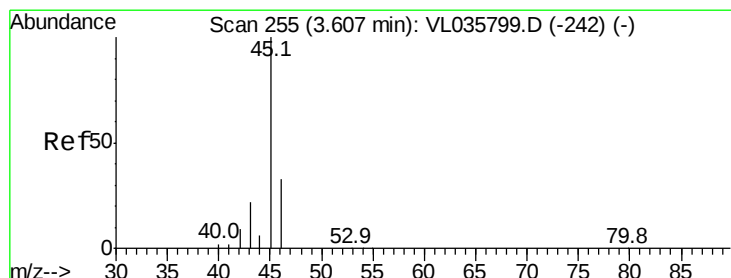
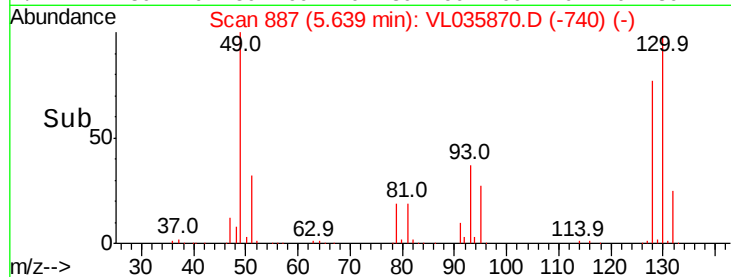
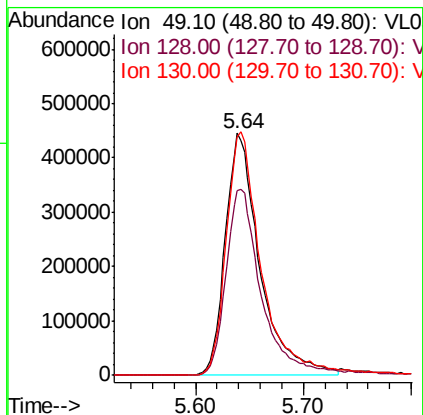
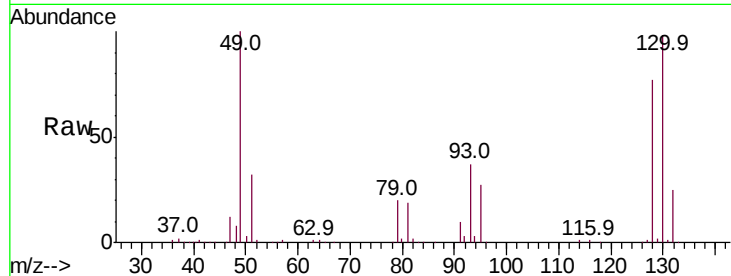
ClientSampleId :

QA1DL

Tot Ion:	49	Resp:	998856
Ion	Ratio	Lower	Upper
49	100		
128	79.9	41.5	124.6
130	103.8	53.7	161.1

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#13

Ethanol

Concen: 1.244 ppbv m

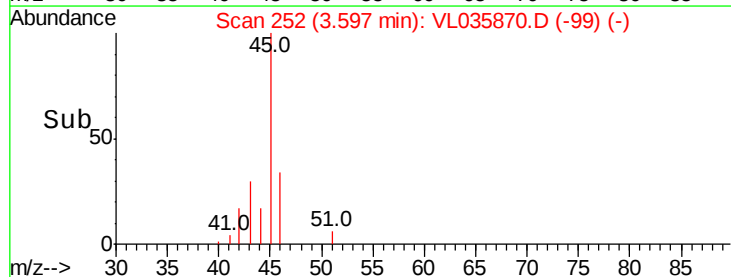
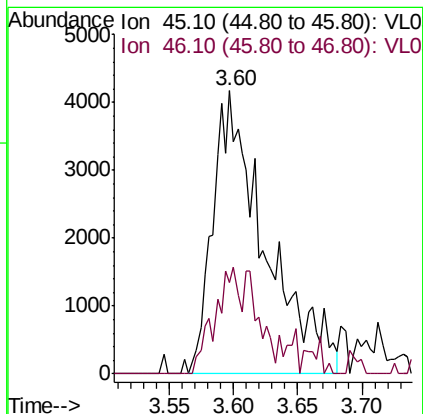
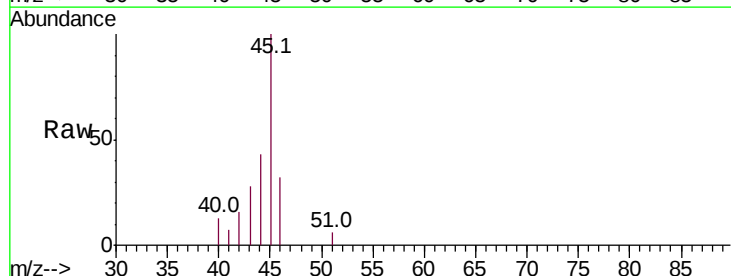
RT: 3.60 min Scan# 252

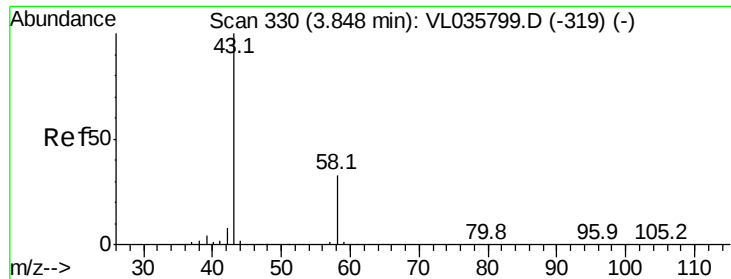
Delta R.T. -0.01 min

Lab File: VL035870.D

Acq: 5 Nov 2020 21:41

Tgt Ion:	45	Resp:	11811
Ion	Ratio	Lower	Upper
45	100		
46	0.0	16.1	64.5#





#15

Acetone

Concen: 0.465 ppbv

RT: 3.84 min Scan# 328

Delta R.T. -0.01 min

Lab File: VL035870.D

Acq: 5 Nov 2020 21:41

Instrument :

MSVOA_L

ClientSampled :

QA1DL

Tot Ion: 43 Resp: 49629

Ion Ratio Lower Upper

43 100

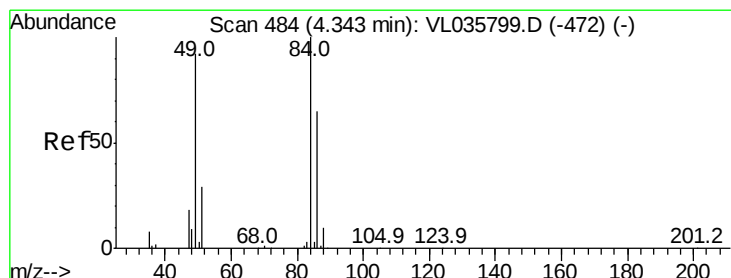
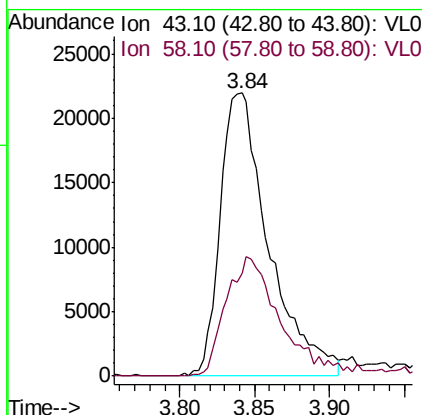
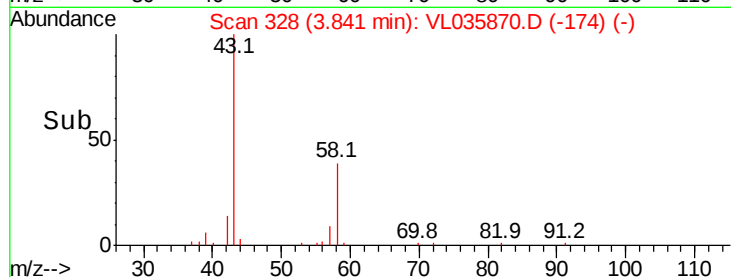
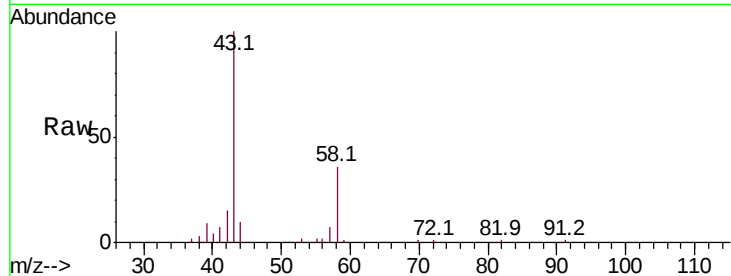
58 48.5 27.5 41.3#

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#20

Methylene Chloride

Concen: 0.951 ppbv

RT: 4.32 min Scan# 477

Delta R.T. -0.02 min

Lab File: VL035870.D

Acq: 5 Nov 2020 21:41

Tgt Ion: 84 Resp: 71478

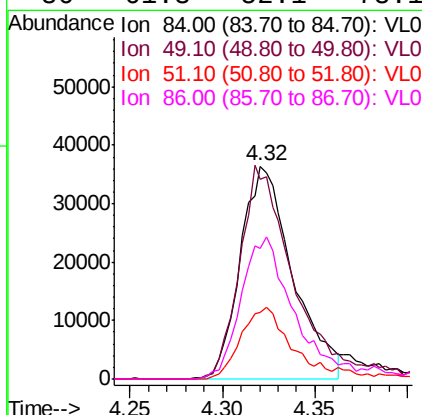
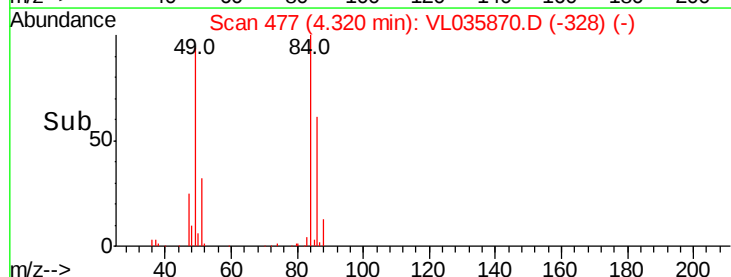
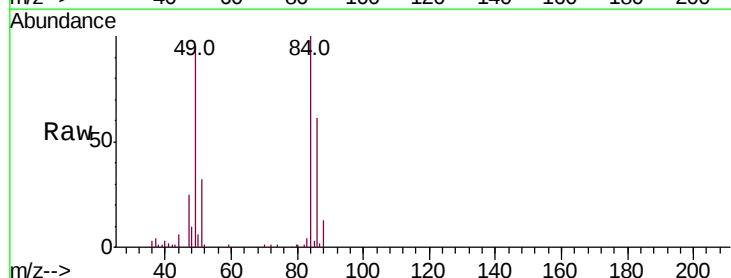
Ion Ratio Lower Upper

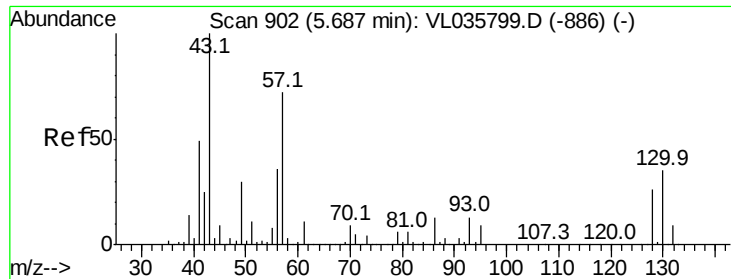
84 100

49 93.8 73.8 110.8

51 31.6 23.0 34.4

86 61.3 52.1 78.1





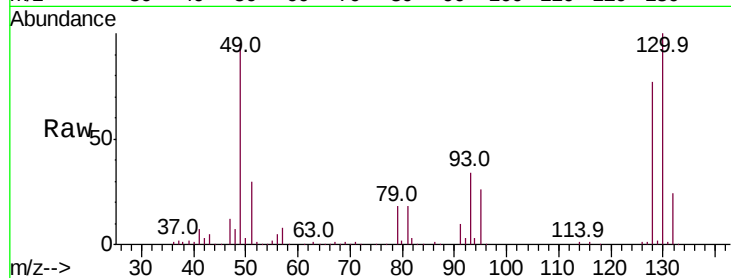
#26
Hexane
Concen: 0.255 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.03 min
Lab File: VL035870.D
Acq: 5 Nov 2020 21:41

Instrument :
MSVOA_L
ClientSampleID :
QA1DL

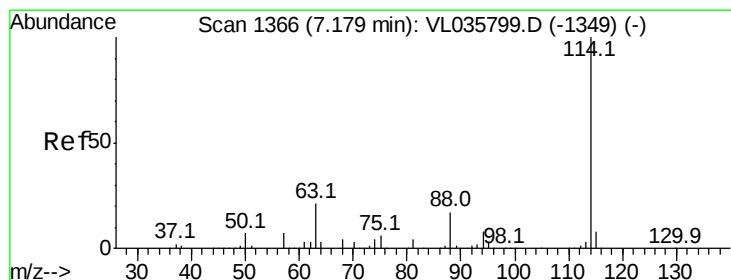
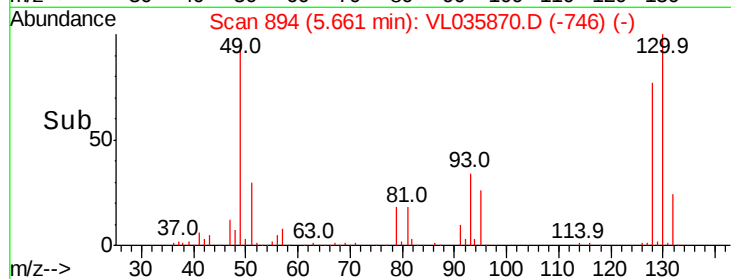
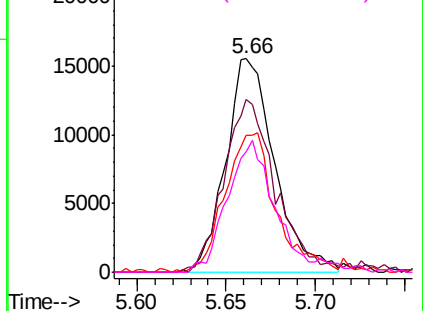
Tot Ion: 57 Resp: 29607
Ion Ratio Lower Upper
57 100
41 88.5 58.9 88.3#
43 70.3 150.2 225.2#
56 62.5 42.4 63.6

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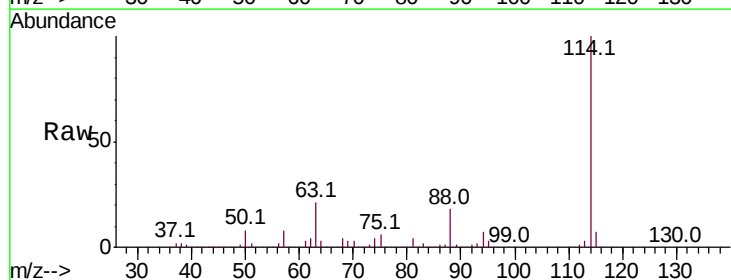


Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0

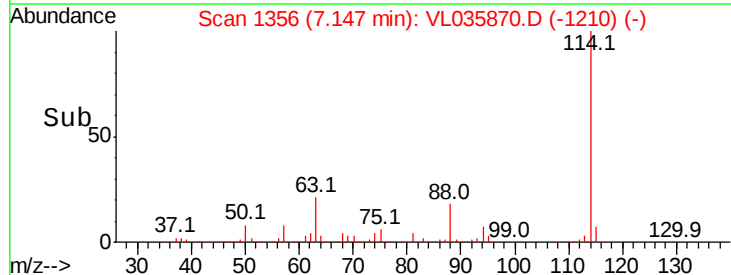
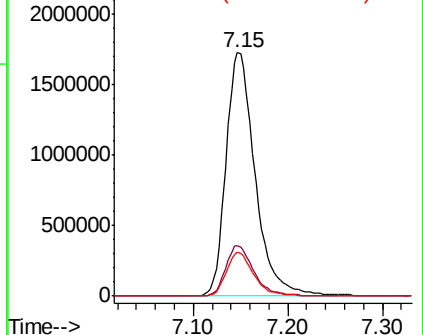


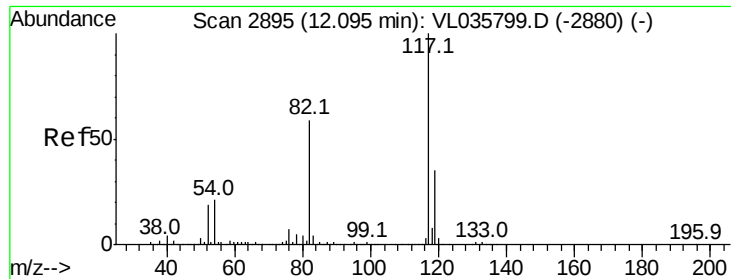
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. -0.03 min
Lab File: VL035870.D
Acq: 5 Nov 2020 21:41

Tgt Ion: 114 Resp: 3698220
Ion Ratio Lower Upper
114 100
63 20.3 16.1 24.1
88 17.2 13.7 20.5



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





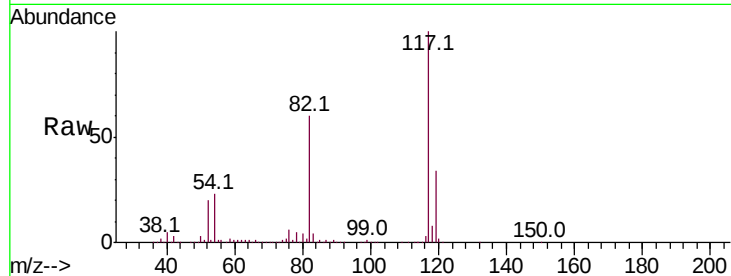
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2884
Delta R.T. -0.04 min
Lab File: VL035870.D
Acq: 5 Nov 2020 21:41

Instrument :
MSVOA_L
ClientSampleId :
QA1DL

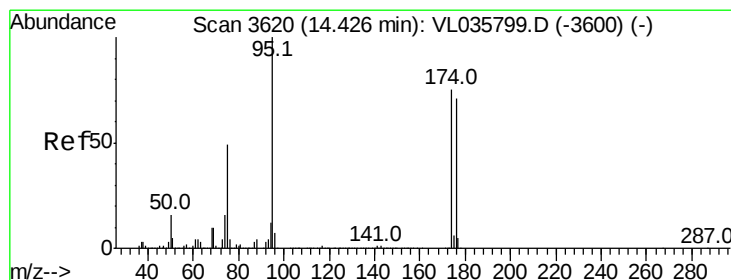
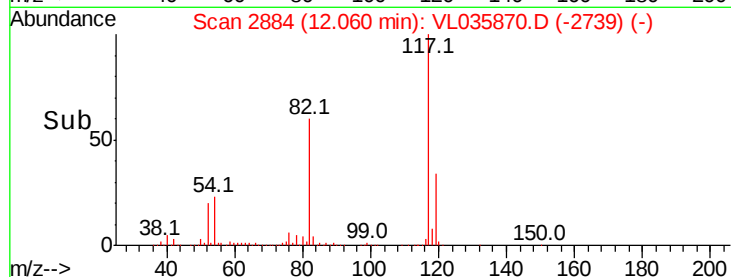
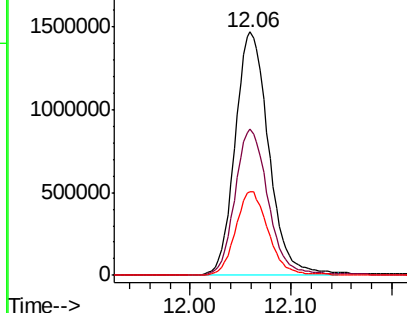
Tot Ion	Ratio	Lower	Upper
117	100		
82	60.1	50.6	76.0
119	34.1	52.6	78.8

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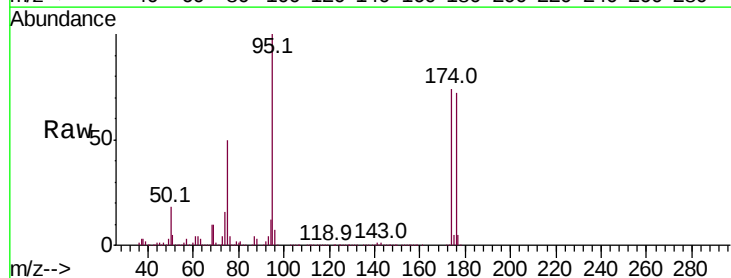


Abundance Ion 117.10 (116.80 to 117.80): V
2000000
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.156 ppbv
RT: 14.39 min Scan# 3609
Delta R.T. -0.04 min
Lab File: VL035870.D
Acq: 5 Nov 2020 21:41

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.1	59.8	89.6
175	5.3	4.3	6.5



Abundance Ion 95.10 (94.80 to 95.80): VL0
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

