

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090320\
 Data File : VL035530.D
 Acq On : 3 Sep 2020 14:30
 Operator : SY/AP
 Sample : QC090220 CAN 10401
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC090220 CAN 10401

Manual Integrations
 APPROVED

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 9/8/2020 4:06:12 PM

Quant Time: Sep 04 07:04:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Aug 27 2020
 QLast Update : Thu Aug 27 06:46:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1041882	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	4416771	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	4437560	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	3226345	10.24	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.63	45	4629m	0.420	ppbv	
15) Acetone	3.88	43	44587	0.388	ppbv	# 49
20) Methylene Chloride	4.36	84	67144	0.785	ppbv	98
26) Hexane	5.71	57	12609m	0.110	ppbv	

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

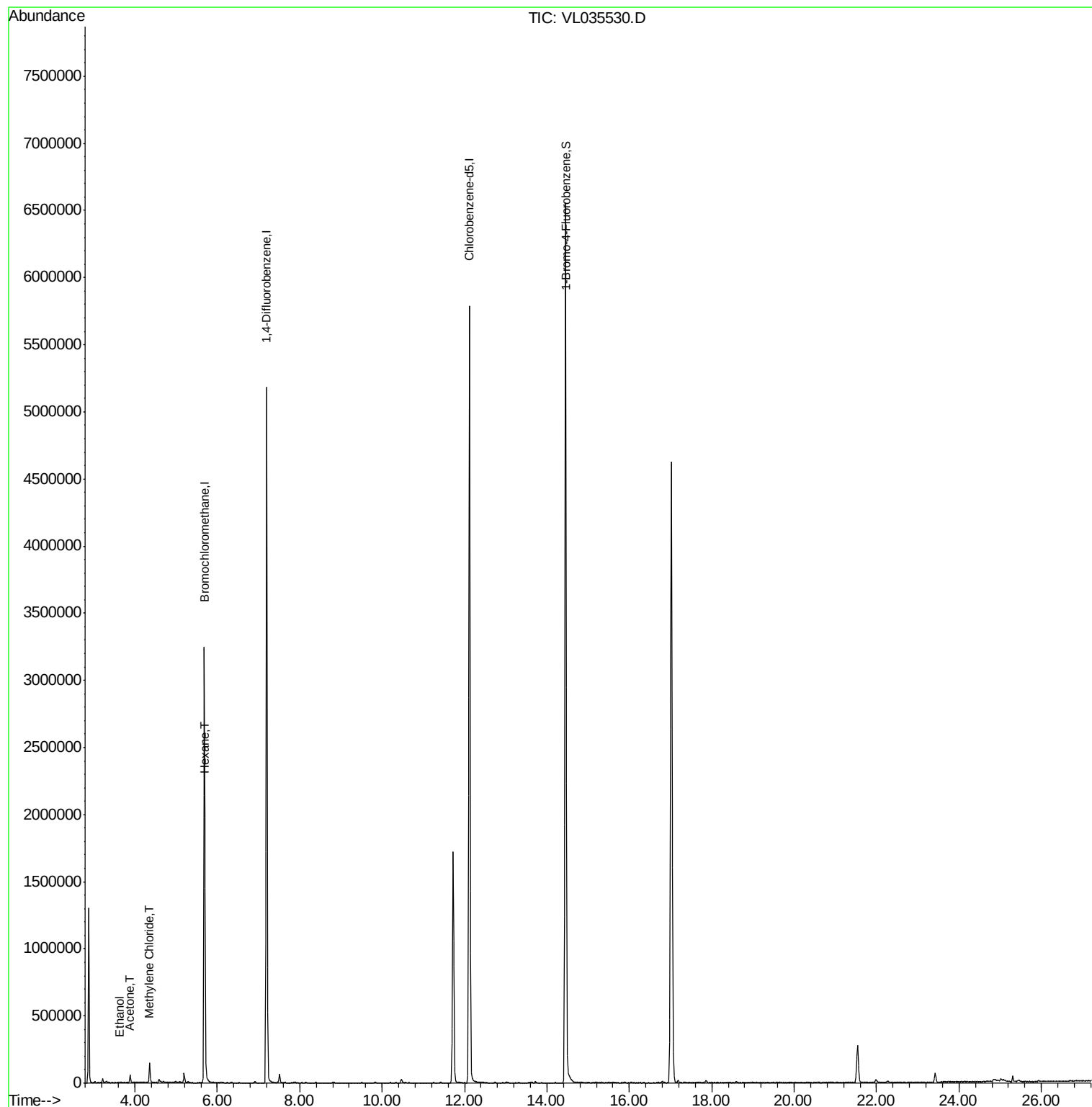
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL090320\
Data File : VL035530.D
Acq On : 3 Sep 2020 14:30
Operator : SY/AP
Sample : OC090220 CAN 10401
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

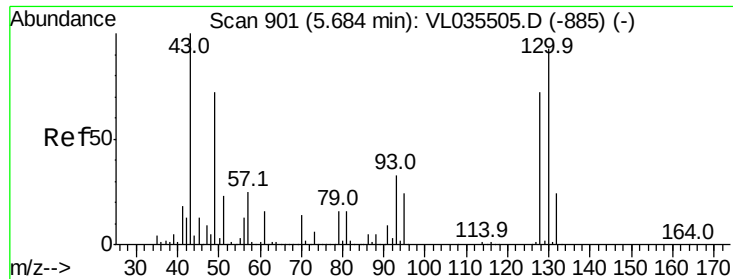
Instrument :
MSVOA_L
ClientSampleId :
QC090220 CAN 10401

Manual Integrations
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Quant Time: Sep 04 07:04:48 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Aug
QLast Update : Thu Aug 27 06:46:28 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 901

Delta R.T. -0.00 min

Lab File: VL035530.D

Acq: 3 Sep 2020 14:30

Instrument :

MSVOA_L

ClientSampleId :

QC090220 CAN 10401

Tot Ion: 49 Resp: 1041882

Ion Ratio Lower Upper

49 100

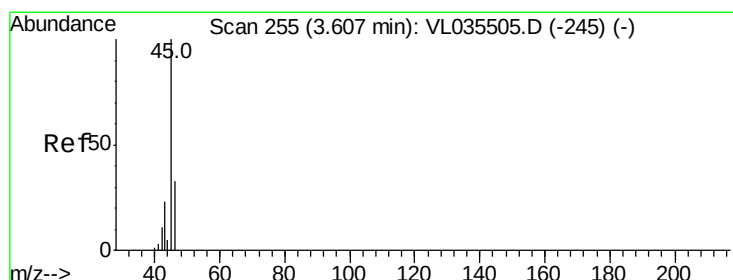
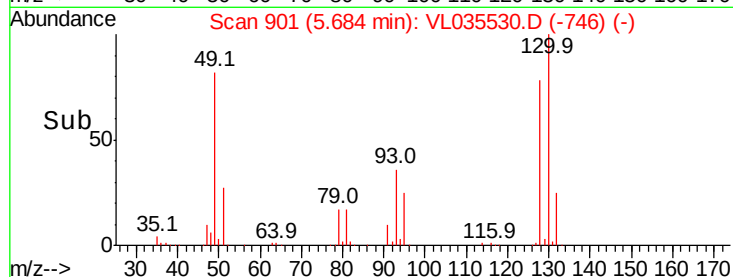
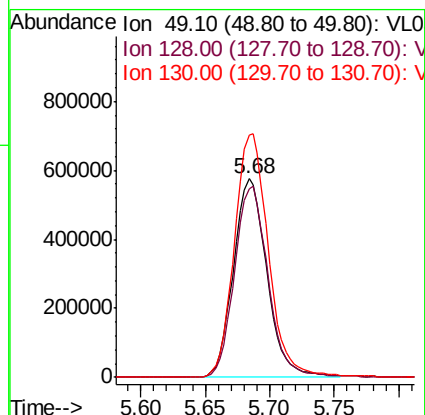
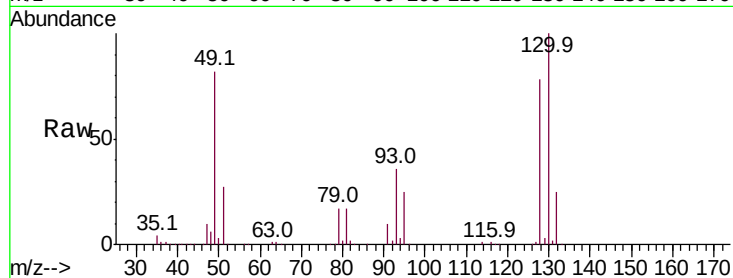
128 97.2 50.0 150.1

130 125.3 64.4 193.2

Manual Integrations
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#13

Ethanol

Concen: 0.420 ppbv m

RT: 3.63 min Scan# 261

Delta R.T. 0.02 min

Lab File: VL035530.D

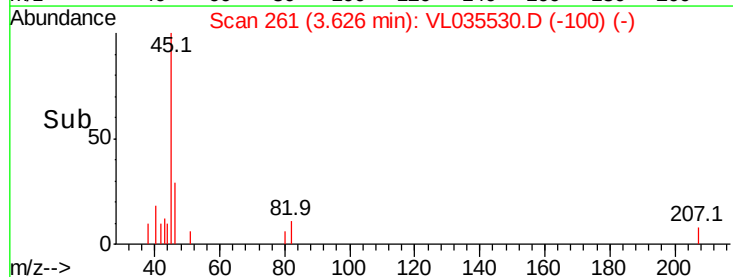
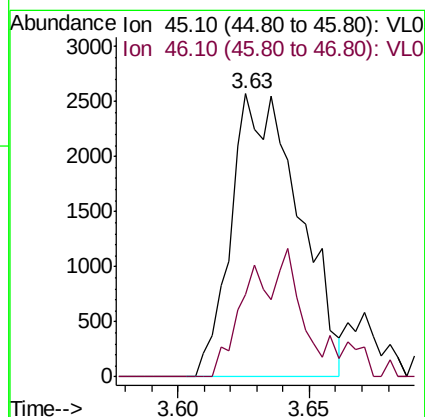
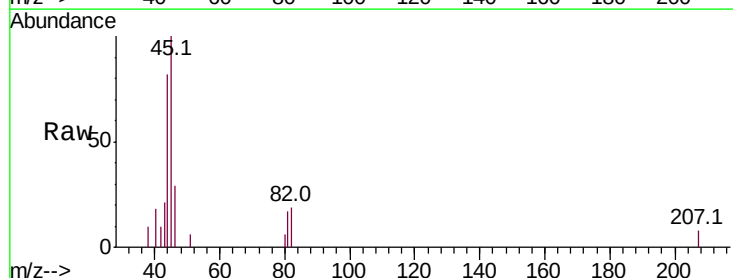
Acq: 3 Sep 2020 14:30

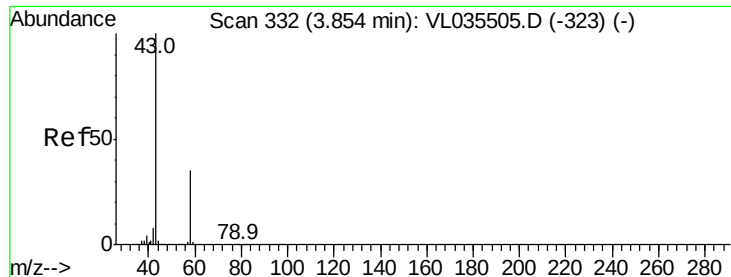
Tgt Ion: 45 Resp: 4629

Ion Ratio Lower Upper

45 100

46 0.0 15.2 60.6#





#15

Acetone

Concen: 0.388 ppbv

RT: 3.88 min Scan# 340

Delta R.T. 0.03 min

Lab File: VL035530.D

Acq: 3 Sep 2020 14:30

Instrument :

MSVOA_L

ClientSampleId :

QC090220 CAN 10401

Tot Ion: 43 Resp: 44587

Ion Ratio Lower Upper

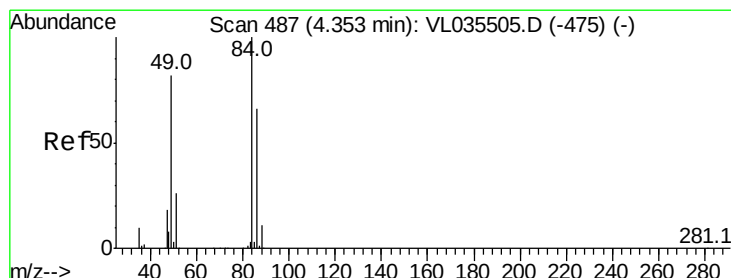
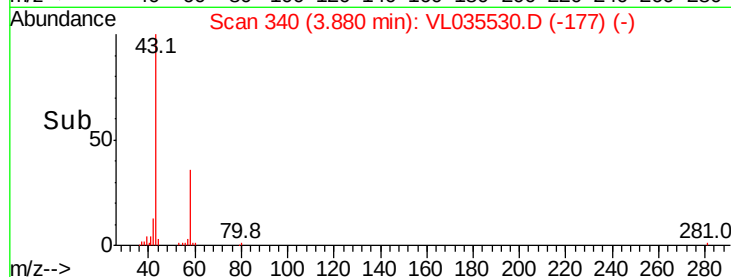
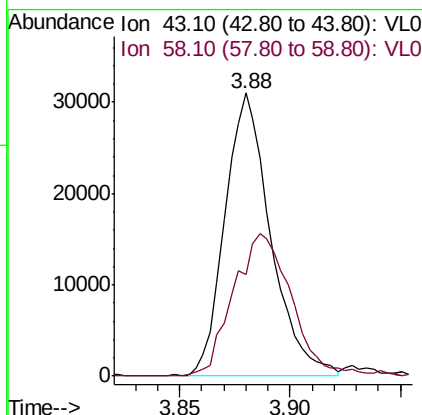
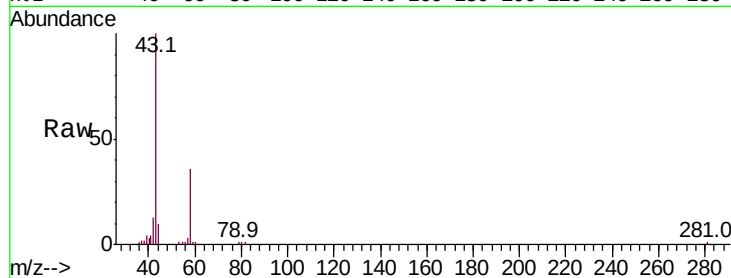
43 100

58 65.3 28.4 42.6#

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#20

Methylene Chloride

Concen: 0.785 ppbv

RT: 4.36 min Scan# 489

Delta R.T. 0.01 min

Lab File: VL035530.D

Acq: 3 Sep 2020 14:30

Tgt Ion: 84 Resp: 67144

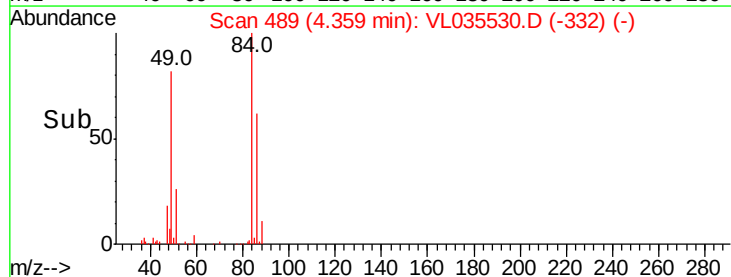
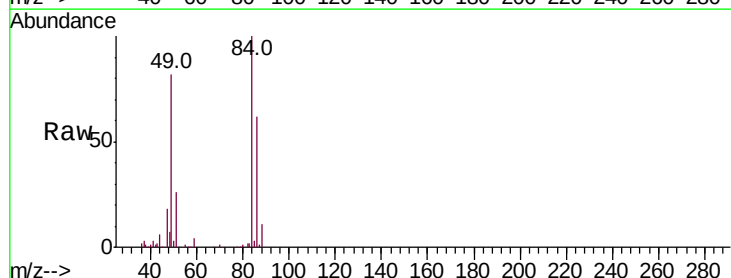
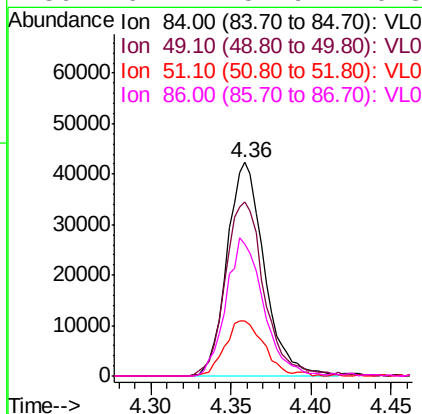
Ion Ratio Lower Upper

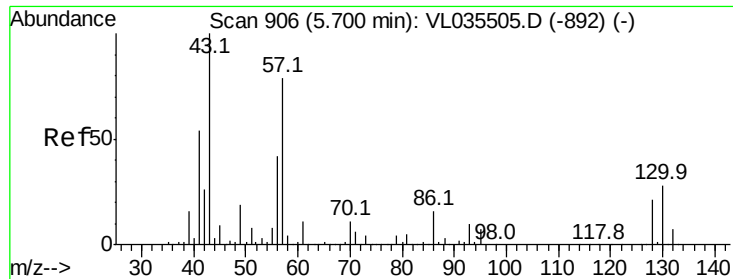
84 100

49 81.6 65.4 98.0

51 25.9 21.5 32.3

86 61.7 52.9 79.3





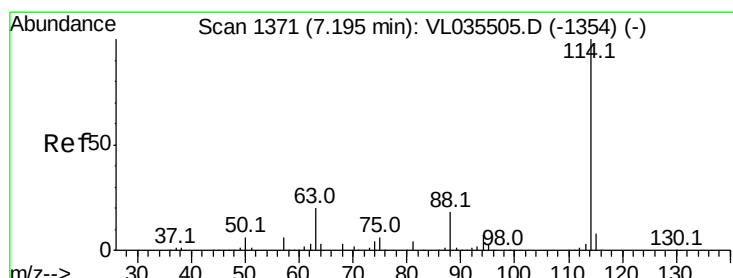
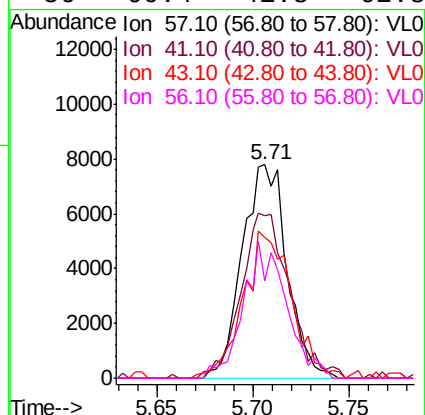
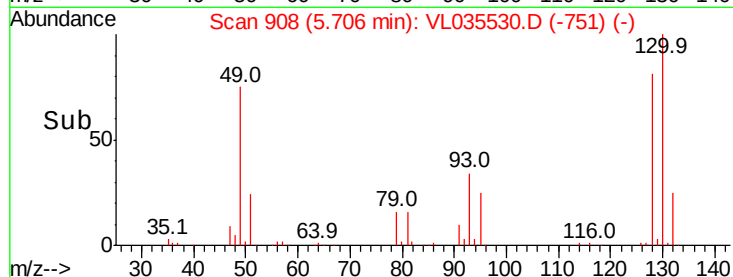
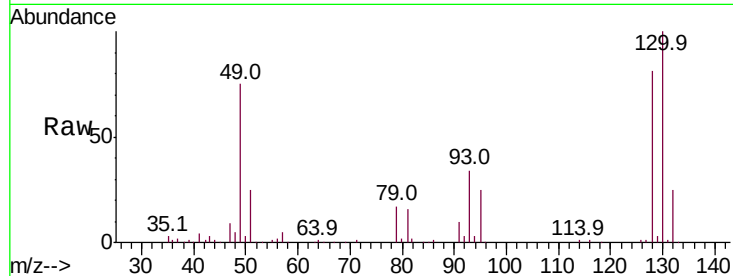
#26
Hexane
Concen: 0.110 ppbv m
RT: 5.71 min Scan# 908
Delta R.T. 0.01 min
Lab File: VL035530.D
Acq: 3 Sep 2020 14:30

Instrument :
MSVOA_L
ClientSampleId :
QC090220 CAN 10401

Tot Ion: 57 Resp: 12609
Ion Ratio Lower Upper
57 100
41 84.2 55.9 83.9#
43 75.4 141.8 212.8#
56 60.4 41.8 62.8

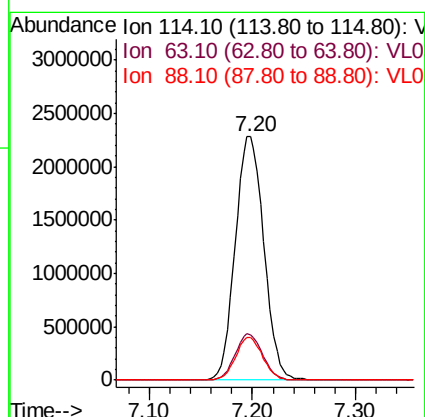
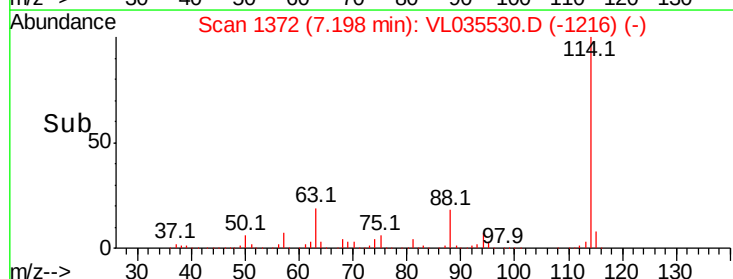
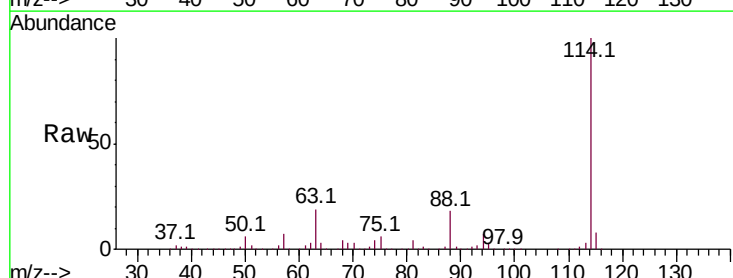
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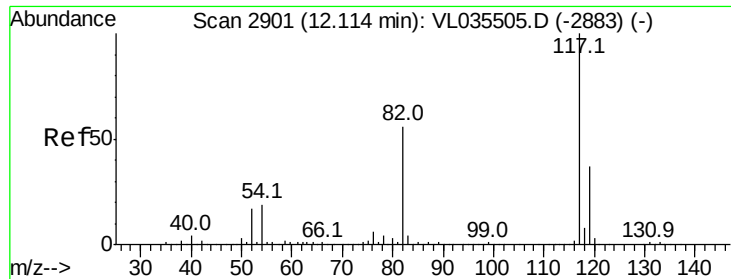
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VL035530.D
Acq: 3 Sep 2020 14:30

Tgt Ion:114 Resp: 4416771
Ion Ratio Lower Upper
114 100
63 18.3 14.7 22.1
88 16.6 13.4 20.2





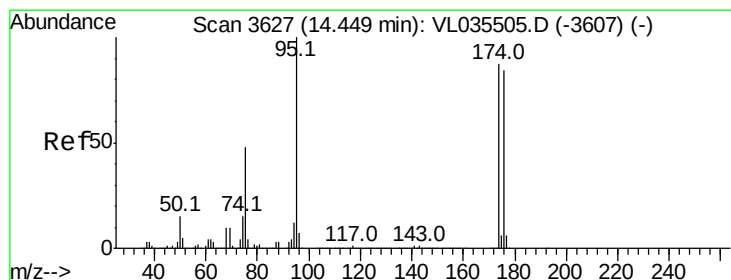
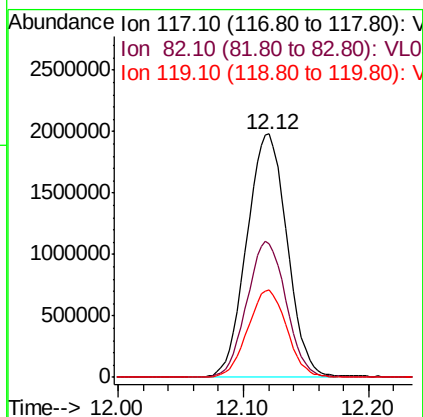
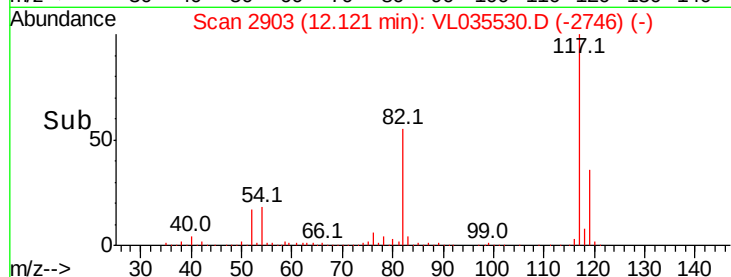
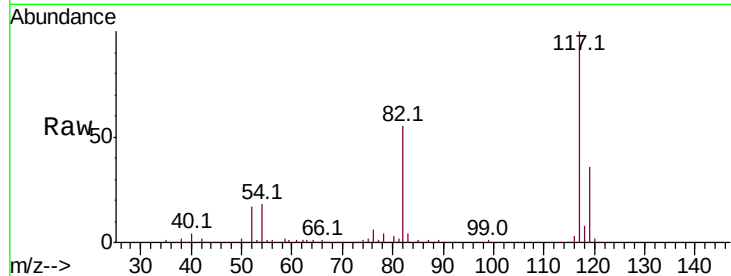
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. 0.01 min
Lab File: VL035530.D
Acq: 3 Sep 2020 14:30

Instrument :
MSVOA_L
ClientSampleId :
QC090220 CAN 10401

Tot Ion:117 Resp: 4437560
Ion Ratio Lower Upper
117 100
82 54.8 41.6 62.4
119 35.0 29.3 43.9

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.238 ppbv
RT: 14.45 min Scan# 3628
Delta R.T. 0.00 min
Lab File: VL035530.D
Acq: 3 Sep 2020 14:30

Tgt Ion: 95 Resp: 3226345
Ion Ratio Lower Upper
95 100
174 86.8 69.6 104.4
175 6.3 5.1 7.7

