

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090320\
 Data File : VL035531.D
 Acq On : 3 Sep 2020 15:11
 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
 APPROVED

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 9/8/2020 4:06:14 PM

Quant Time: Sep 04 07:06:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Aug 27 06:46:28 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	1029502	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	4307249	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	4391027	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	3170713	10.17	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.63	45	4354m	0.400	ppbv	
15) Acetone	3.88	43	45230	0.398	ppbv #	52
20) Methylene Chloride	4.36	84	63188	0.747	ppbv	96
26) Hexane	5.71	57	11759	0.103	ppbv #	49

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

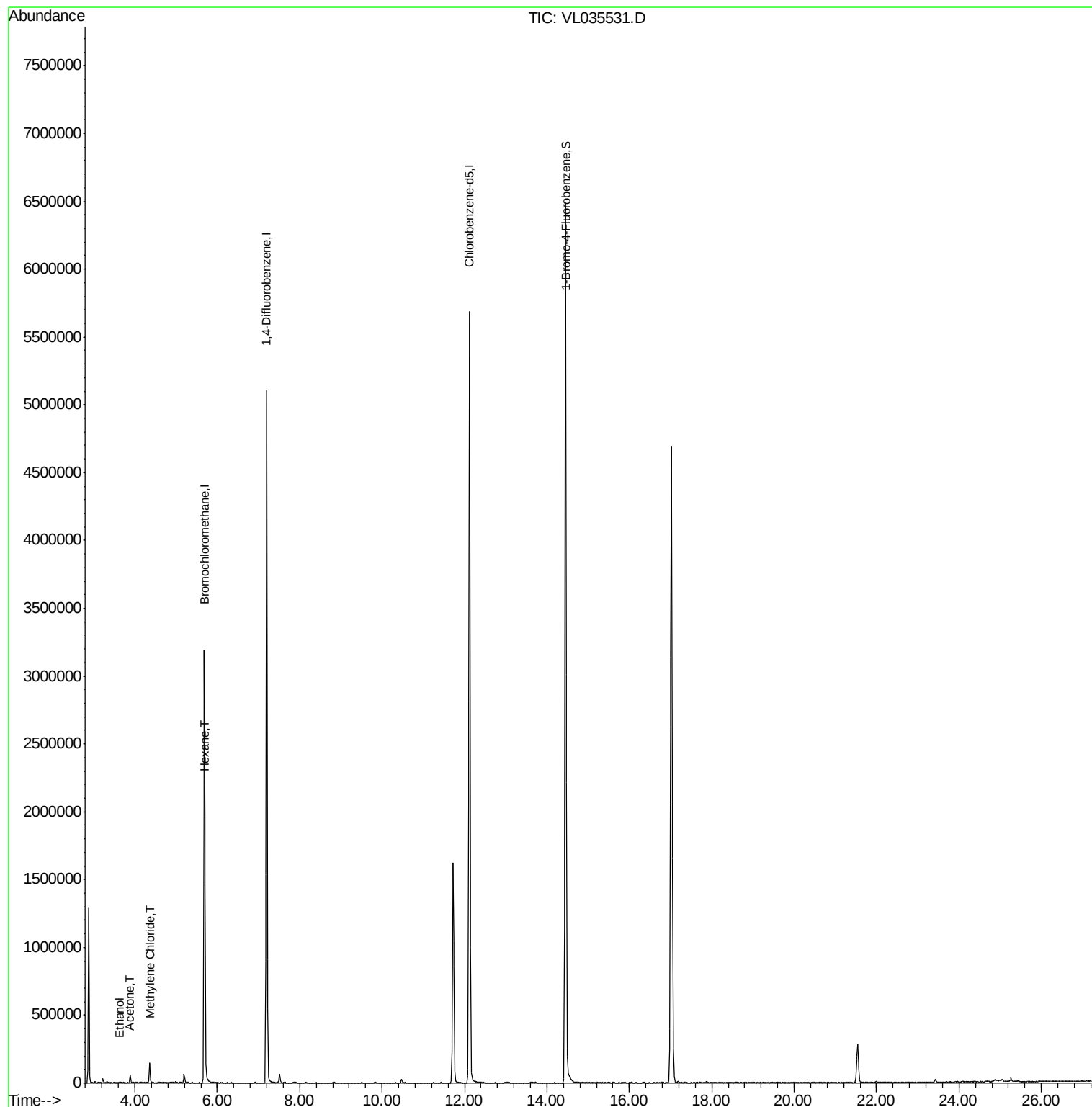
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL090320\
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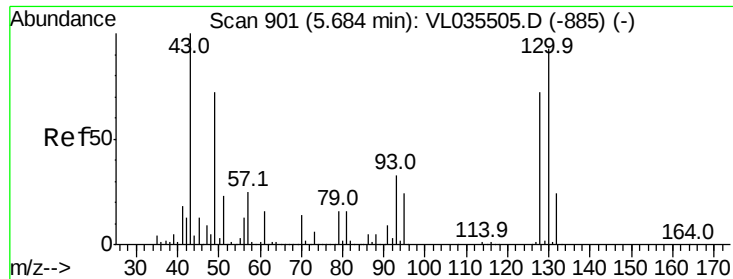
Instrument :
MSVOA_L
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Quant Time: Sep 04 07:06:45 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Aug
QLast Update : Thu Aug 27 06:46:28 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 901

Delta R.T. -0.00 min

Lab File: VL035531.D

Acq: 3 Sep 2020 15:11

Instrument :

MSVOA_L

ClientSampleId :

QC090220 CAN 10401

Tot Ion: 49 Resp: 1029502

Ion Ratio Lower Upper

49 100

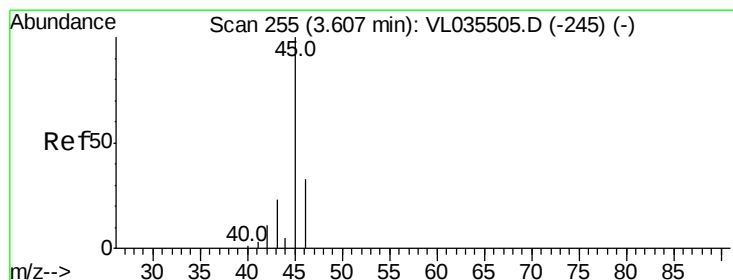
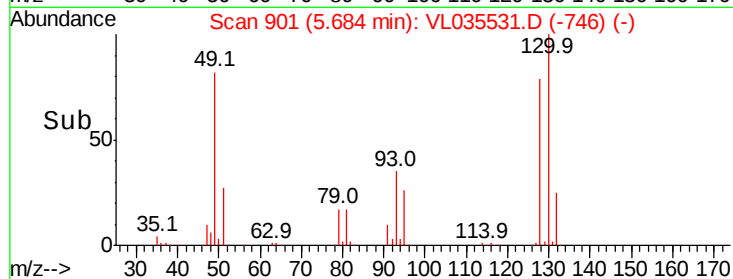
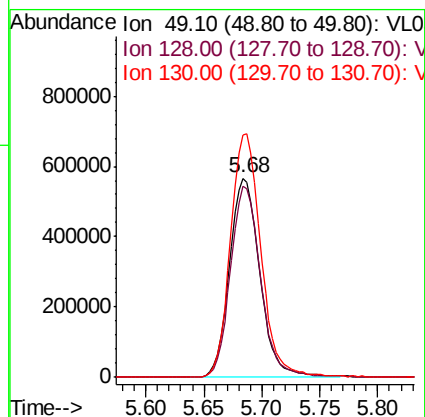
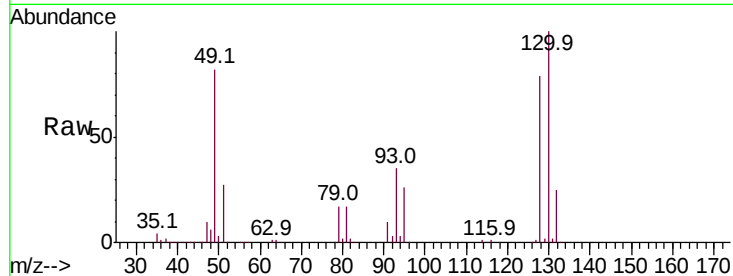
128 96.0 50.0 150.1

130 123.2 64.4 193.2

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#13

Ethanol

Concen: 0.400 ppbv m

RT: 3.63 min Scan# 263

Delta R.T. 0.03 min

Lab File: VL035531.D

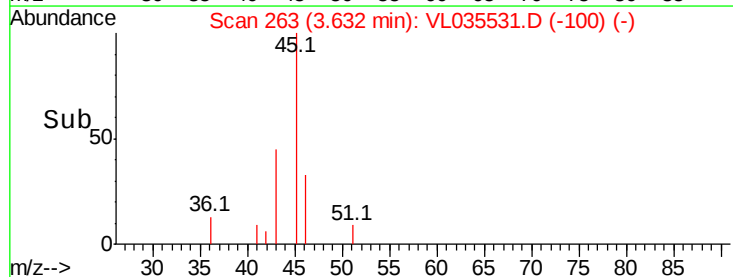
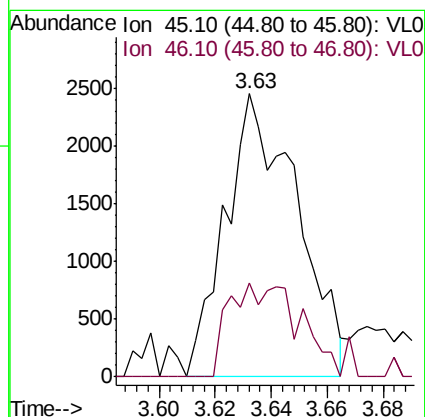
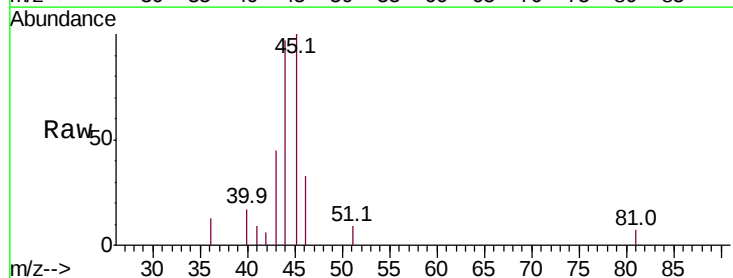
Acq: 3 Sep 2020 15:11

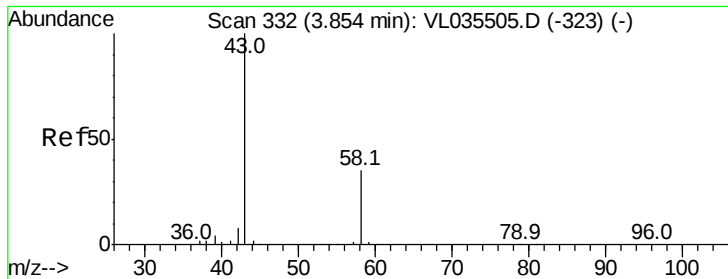
Tgt Ion: 45 Resp: 4354

Ion Ratio Lower Upper

45 100

46 0.0 15.2 60.6#





#15

Acetone

Concen: 0.398 ppbv

RT: 3.88 min Scan# 340

Delta R.T. 0.03 min

Lab File: VL035531.D

Acq: 3 Sep 2020 15:11

Instrument :

MSVOA_L

ClientSampleId :

QC090220 CAN 10401

Tot Ion: 43 Resp: 45230

Ion Ratio Lower Upper

43 100

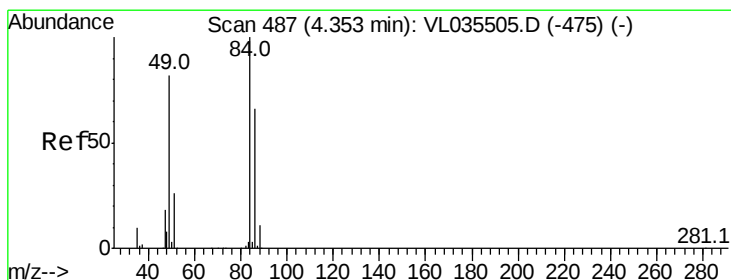
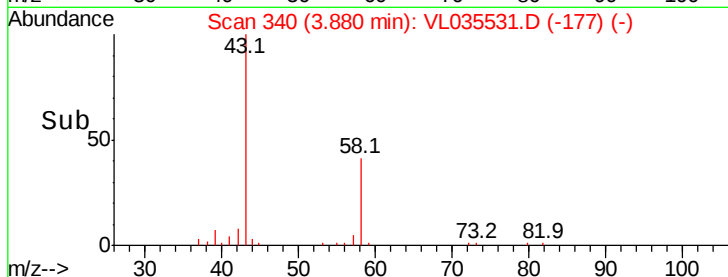
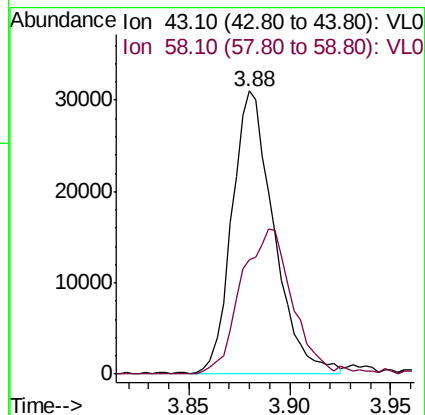
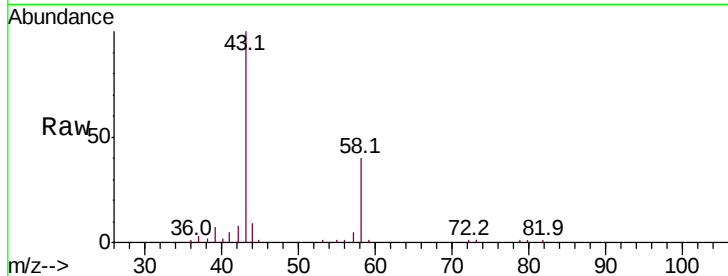
58 63.6 28.4 42.6#

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#20

Methylene Chloride

Concen: 0.747 ppbv

RT: 4.36 min Scan# 488

Delta R.T. 0.00 min

Lab File: VL035531.D

Acq: 3 Sep 2020 15:11

Tgt Ion: 84 Resp: 63188

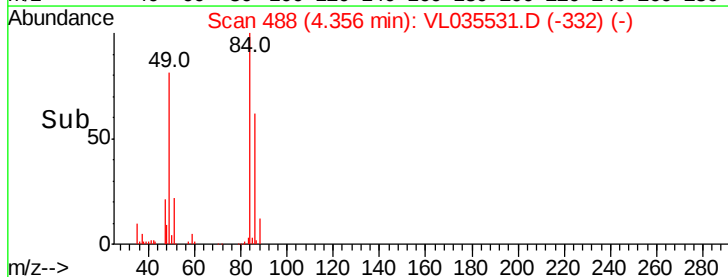
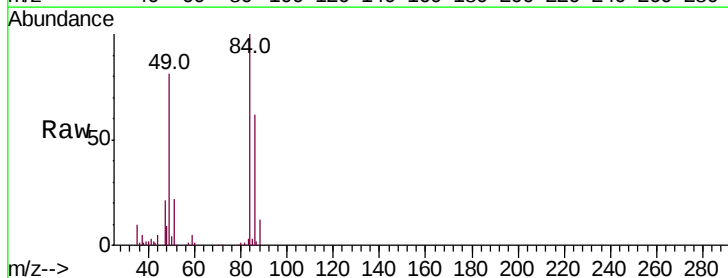
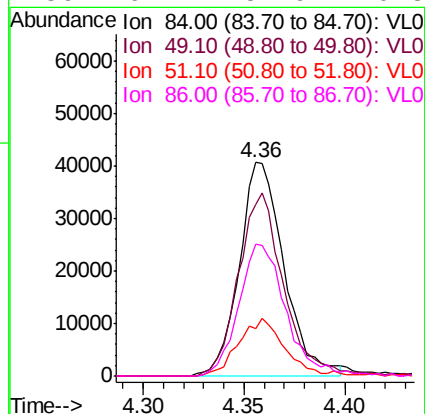
Ion Ratio Lower Upper

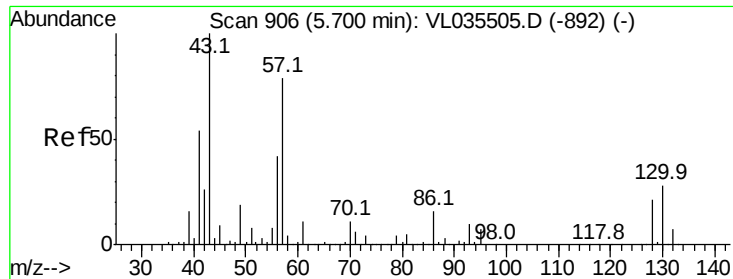
84 100

49 80.5 65.4 98.0

51 22.6 21.5 32.3

86 61.7 52.9 79.3





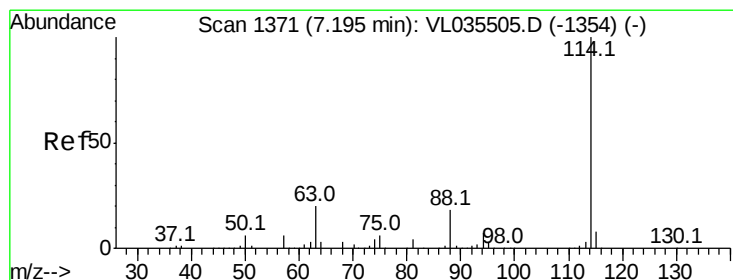
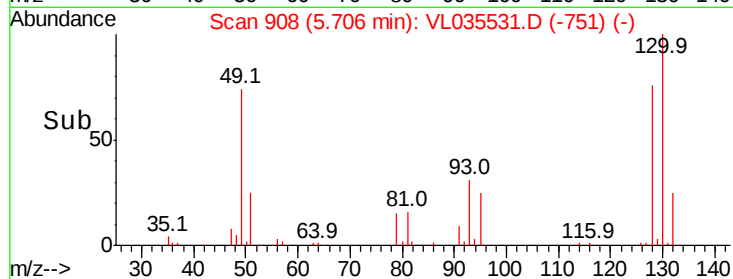
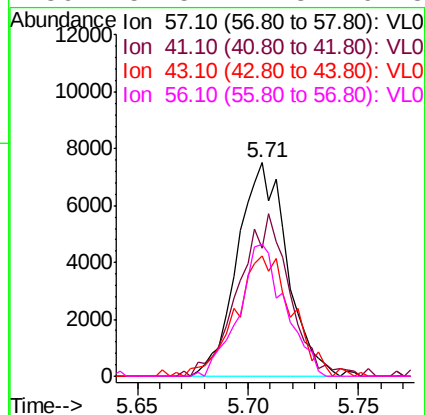
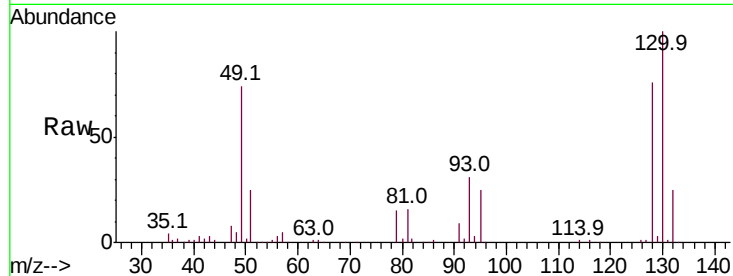
#26
Hexane
Concen: 0.103 ppbv
RT: 5.71 min Scan# 908
Delta R.T. 0.01 min
Lab File: VL035531.D
Acq: 3 Sep 2020 15:11

Instrument :
MSVOA_L
ClientSampleId :
QC090220 CAN 10401

Tot Ion: 57 Resp: 11759
Ion Ratio Lower Upper
57 100
41 78.5 55.9 83.9
43 64.7 141.8 212.8#
56 57.5 41.8 62.8

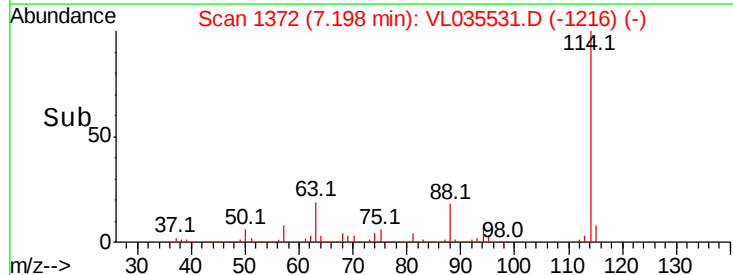
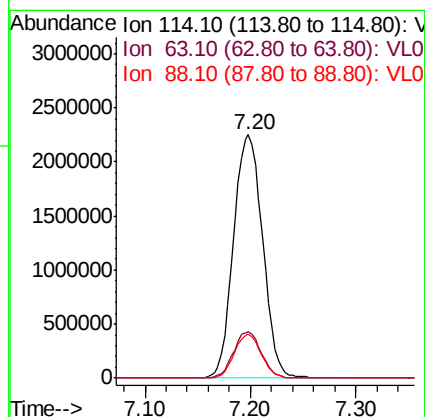
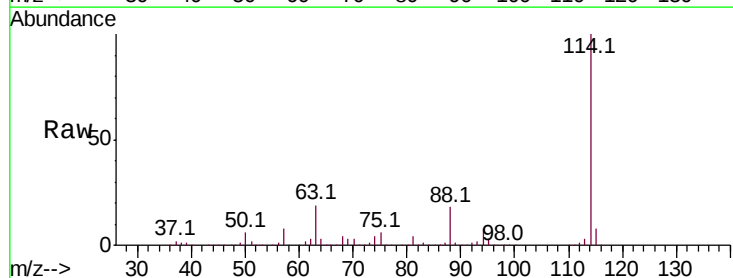
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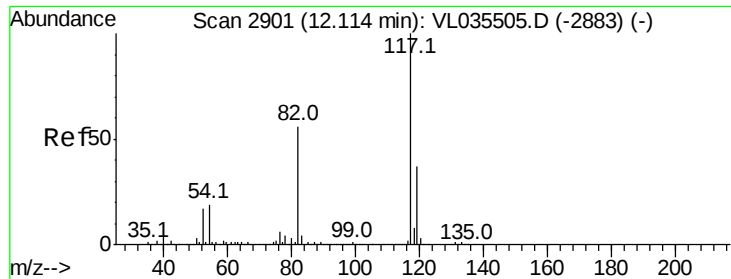
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VL035531.D
Acq: 3 Sep 2020 15:11

Tgt Ion: 114 Resp: 4307249
Ion Ratio Lower Upper
114 100
63 18.3 14.7 22.1
88 16.8 13.4 20.2





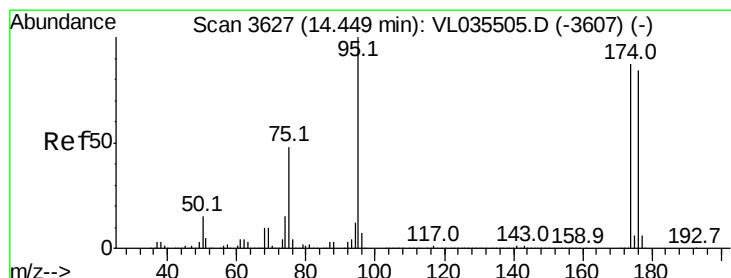
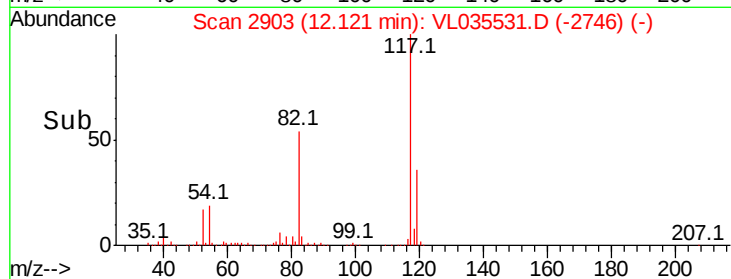
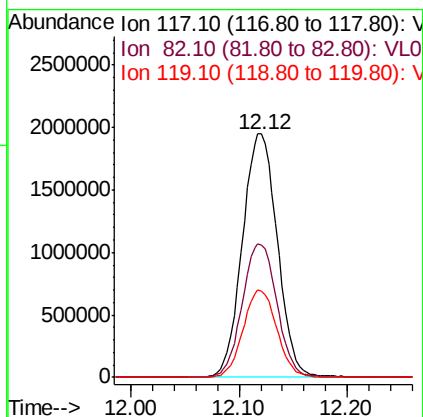
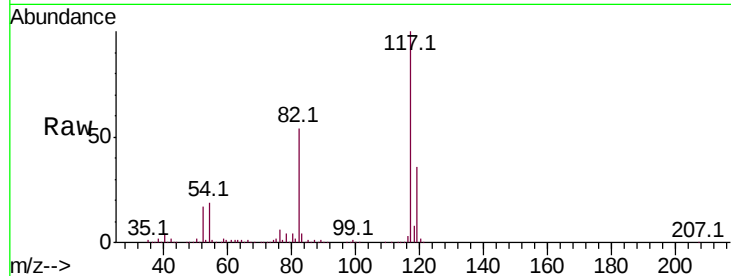
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. 0.01 min
Lab File: VL035531.D
Acq: 3 Sep 2020 15:11

Instrument :
MSVOA_L
ClientSampleId :
QC090220 CAN 10401

Tot Ion:117 Resp: 4391027
Ion Ratio Lower Upper
117 100
82 54.9 41.6 62.4
119 34.8 29.3 43.9

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.168 ppbv
RT: 14.45 min Scan# 3628
Delta R.T. 0.00 min
Lab File: VL035531.D
Acq: 3 Sep 2020 15:11

Tgt Ion: 95 Resp: 3170713
Ion Ratio Lower Upper
95 100
174 87.3 69.6 104.4
175 6.3 5.1 7.7

