

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL082020\
 Data File : VL035484.D
 Acq On : 20 Aug 2020 21:05
 Operator : SY/AP
 Sample : OC081820 CAN 10328
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC081820 CAN 10328

Manual Integrations
 APPROVED

MMDadoda
 8/21/2020 11:24:49 AM

Quant Time: Aug 21 07:23:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Aug 1
 QLast Update : Mon Aug 17 19:28:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1016247	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4614004	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	4554908	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	3228692	10.13	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.87	43	47854	0.409	ppbv #	31
20) Methylene Chloride	4.35	84	168009	1.780	ppbv #	63
26) Hexane	5.70	57	64108	0.499	ppbv #	30
76) 1,4-Dichlorobenzene	17.17	146	70034m	0.154	ppbv	
77) 1,2-Dichlorobenzene	17.85	146	67373	0.149	ppbv	93

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

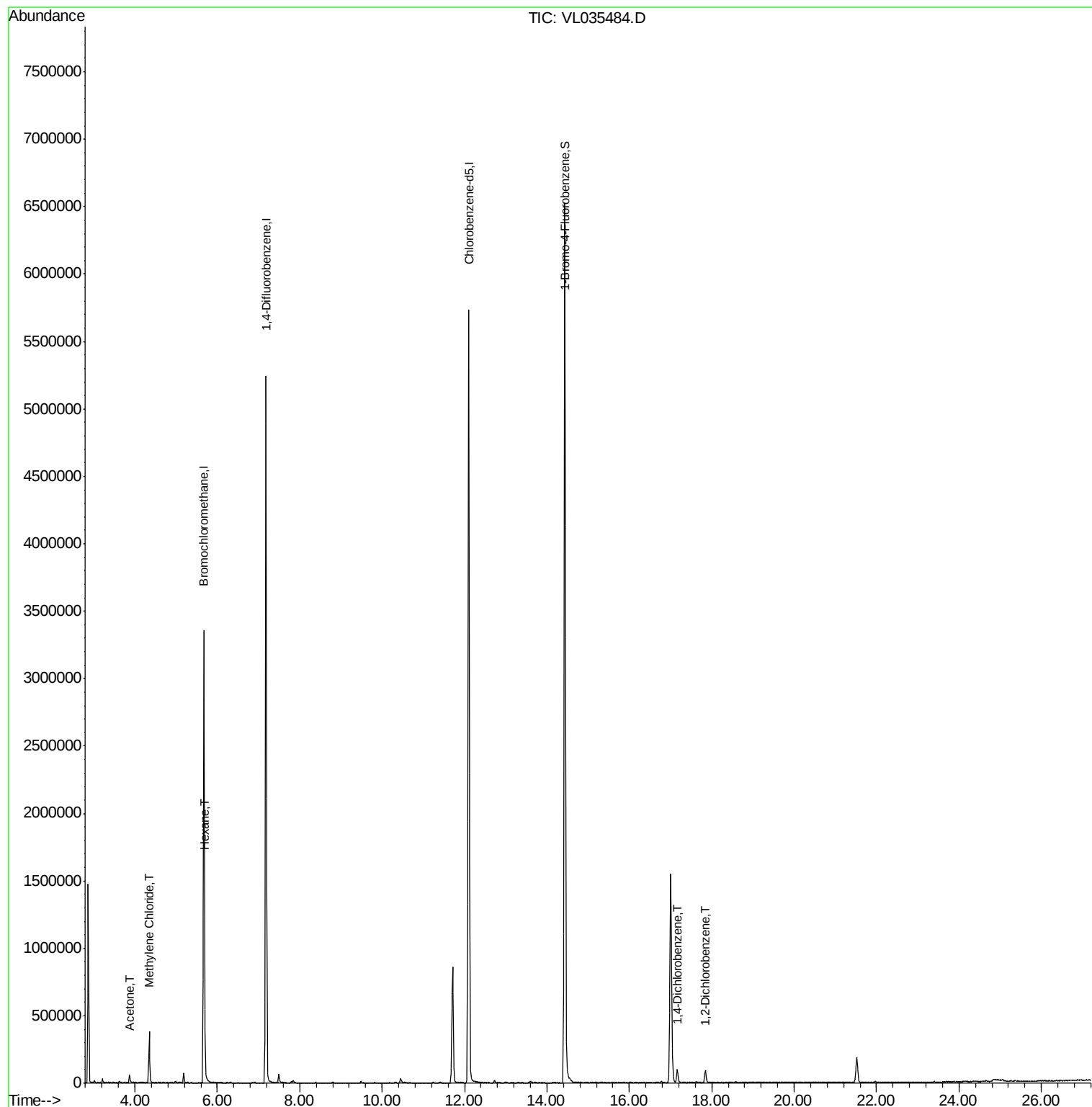
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL082020\
Data File : VL035484.D
Acq On : 20 Aug 2020 21:05
Operator : SY/AP
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Quant Time: Aug 21 07:23:09 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL081720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Aug
QLast Update : Mon Aug 17 19:28:30 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. -0.00 min

Lab File: VL035484.D

Acq: 20 Aug 2020 21:05

Instrument :

MSVOA_L

ClientSampleId :

QC081820 CAN 10328

Tot Ion: 49 Resp: 1016247

Ion Ratio Lower Upper

49 100

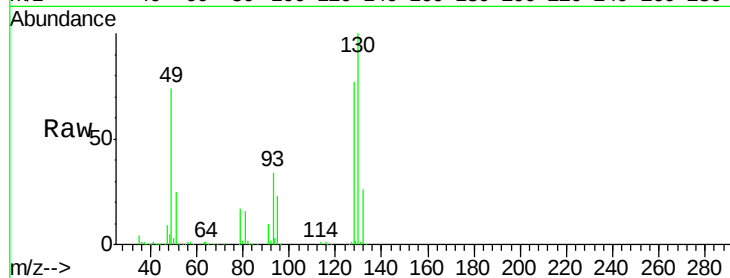
128 103.1 20.9 62.7#

130 132.4 26.7 80.1#

Manual Integrations
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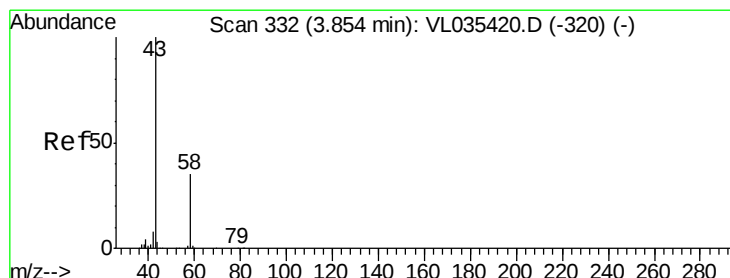
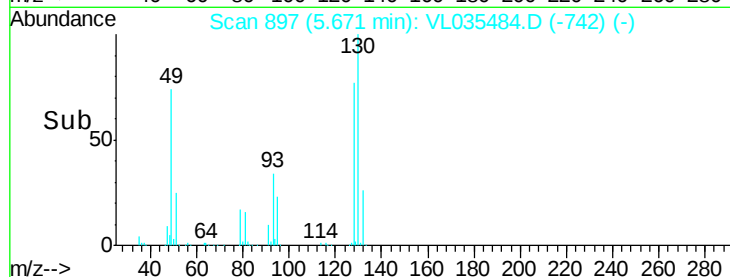
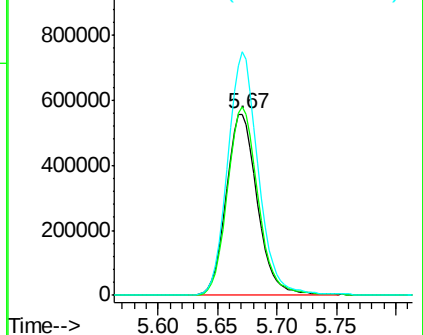
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 0.409 ppbv

RT: 3.87 min Scan# 337

Delta R.T. 0.02 min

Lab File: VL035484.D

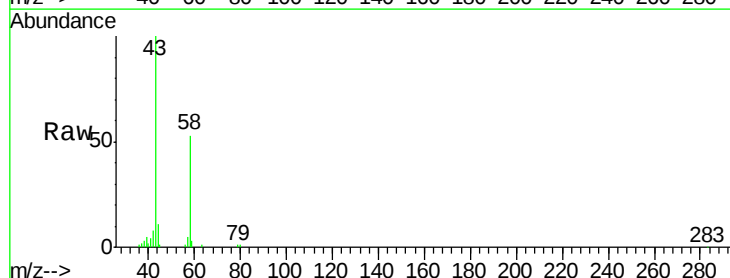
Acq: 20 Aug 2020 21:05

Tgt Ion: 43 Resp: 47854

Ion Ratio Lower Upper

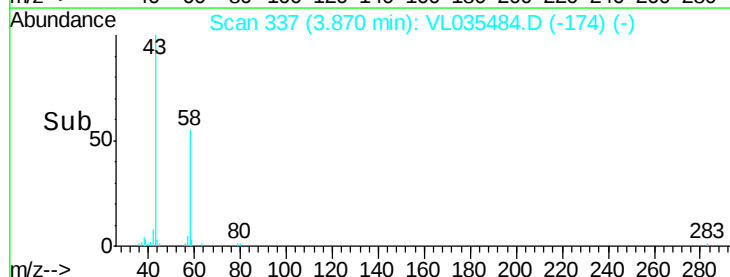
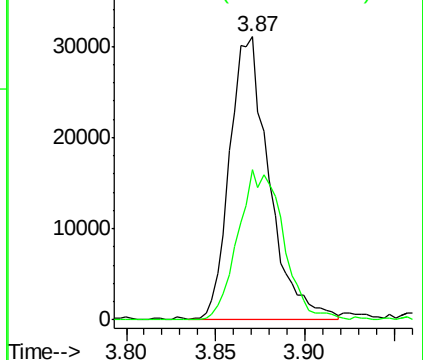
43 100

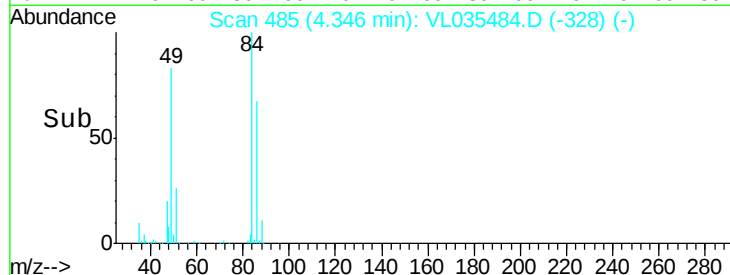
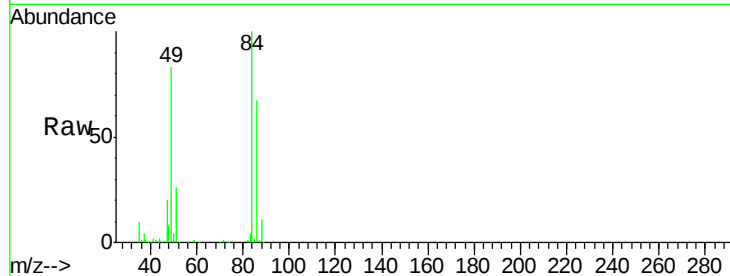
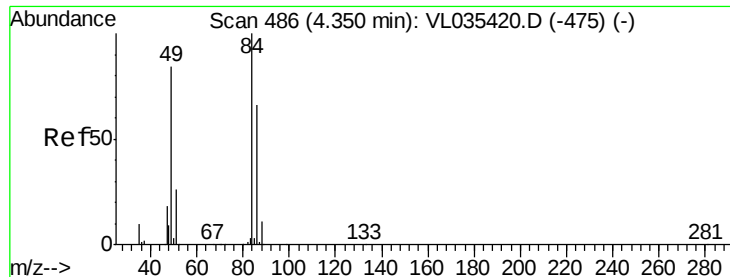
58 61.6 21.0 31.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





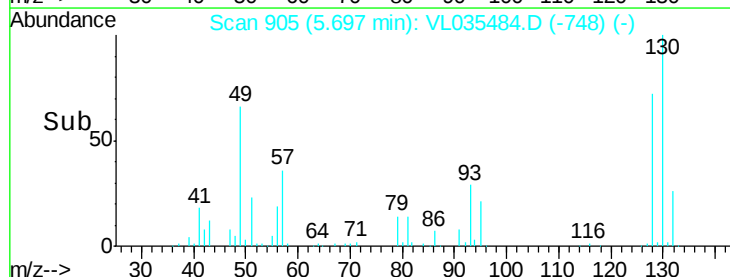
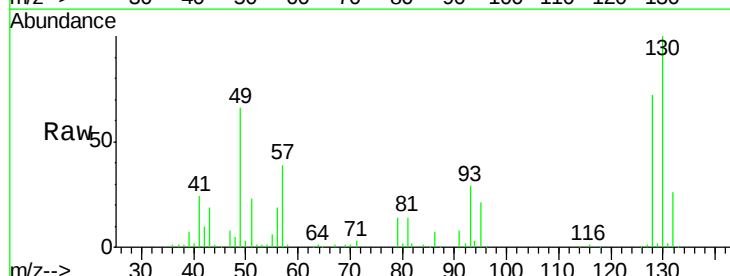
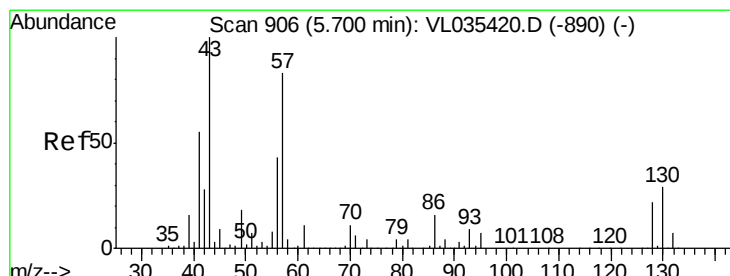
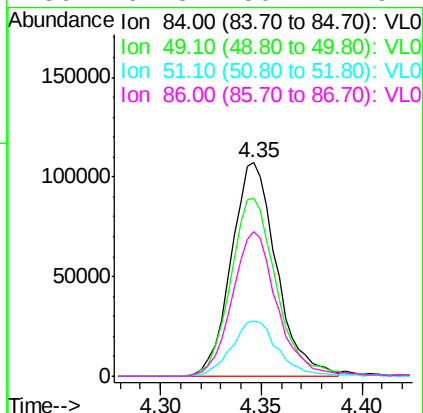
#20
Methvlene Chloride
Concen: 1.780 ppbv
RT: 4.35 min Scan# 485
Delta R.T. 0.00 min
Lab File: VL035484.D
Acq: 20 Aug 2020 21:05

Tot Ion	Ratio	Lower	Upper
84	100		
49	83.0	118.6	177.8#
51	25.8	36.4	54.6#
86	67.3	50.2	75.4

Instrument :
MSVOA_L
ClientSampleId :
QC081820 CAN 10328

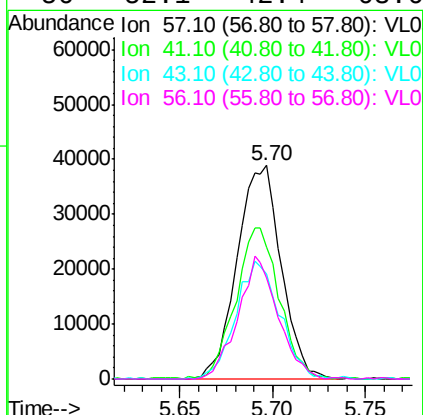
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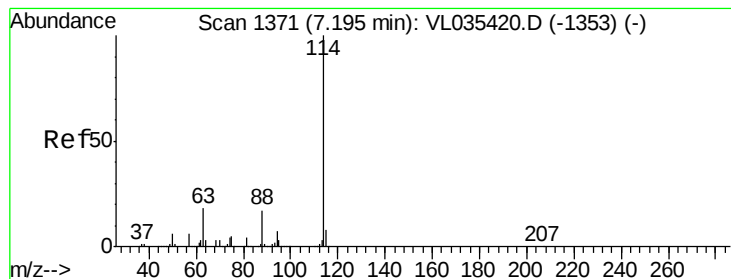
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#26
Hexane
Concen: 0.499 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.00 min
Lab File: VL035484.D
Acq: 20 Aug 2020 21:05

Tgt Ion	Ratio	Lower	Upper
57	100		
41	71.1	75.5	113.3#
43	55.6	181.7	272.5#
56	52.1	42.4	63.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VL035484.D

Acq: 20 Aug 2020 21:05

Instrument :

MSVOA_L

ClientSampleId :

QC081820 CAN 10328

Tot Ion:114 Resp: 4614004

Ion Ratio Lower Upper

114 100

63 17.5 23.1 34.7#

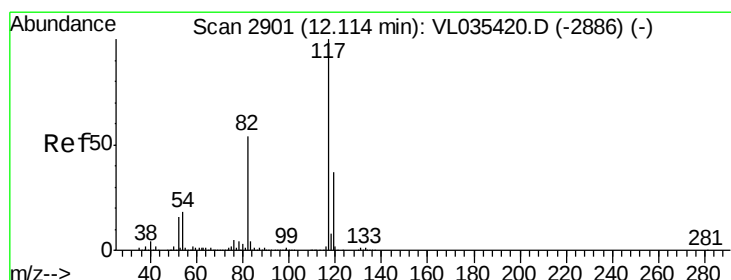
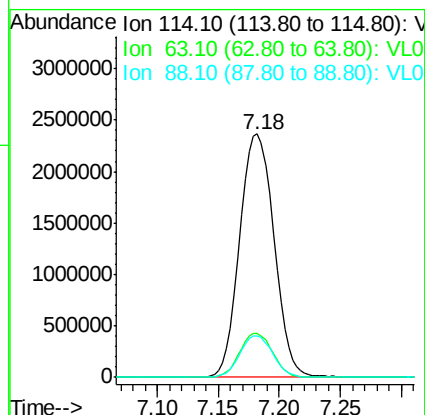
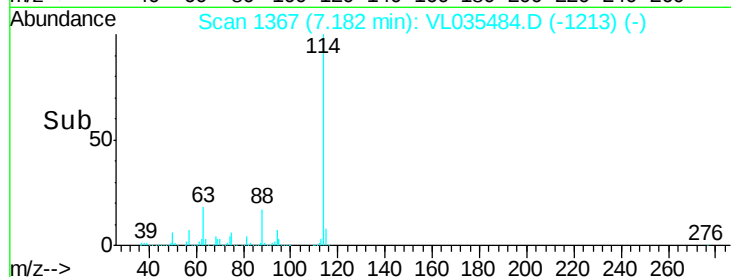
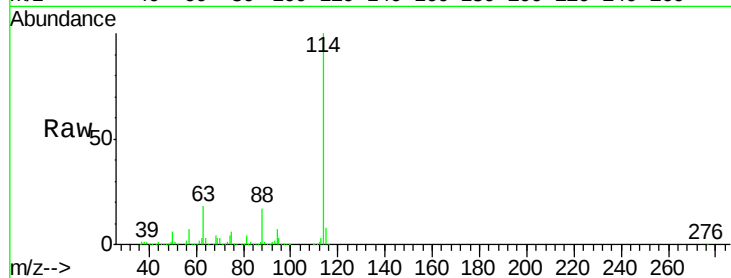
88 16.4 15.9 23.9

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.10 min Scan# 2897

Delta R.T. -0.01 min

Lab File: VL035484.D

Acq: 20 Aug 2020 21:05

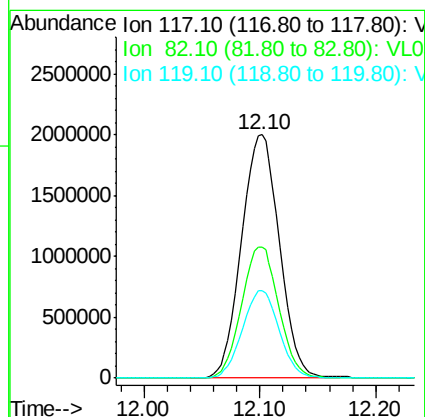
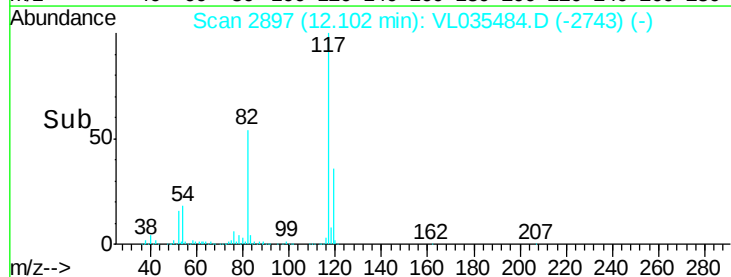
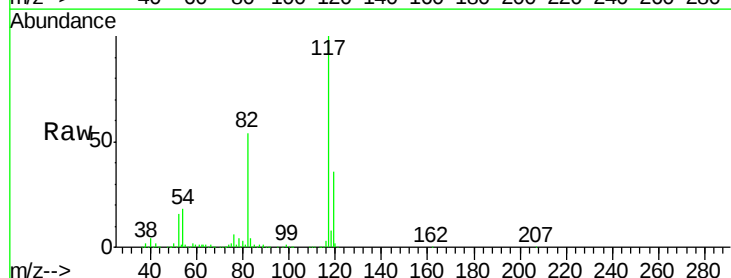
Tgt Ion:117 Resp: 4554908

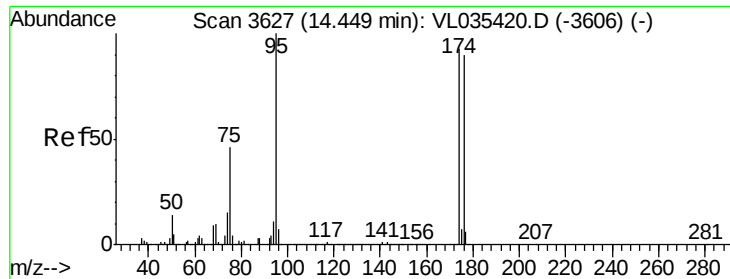
Ion Ratio Lower Upper

117 100

82 53.3 57.4 86.0#

119 35.0 28.4 42.6





#68

1-Bromo-4-Fluorobenzene

Concen: 10.125 ppbv

RT: 14.43 min Scan# 3622

Delta R.T. -0.01 min

Lab File: VL035484.D

Acq: 20 Aug 2020 21:05

Instrument :

MSVOA_L

ClientSampleId :

QC081820 CAN 10328

Tot Ion: 95 Resp: 3228692

Ion Ratio Lower Upper

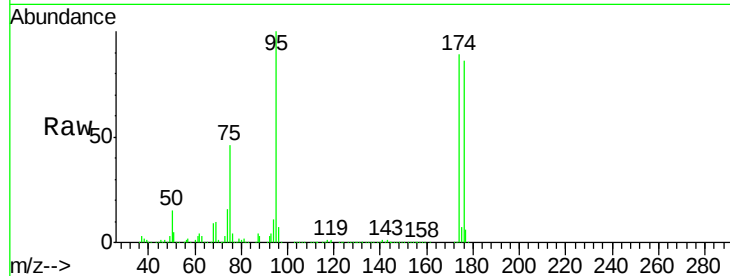
95 100

174 91.4 44.0 66.0#

175 6.7 3.2 4.8#

Manual Integrations
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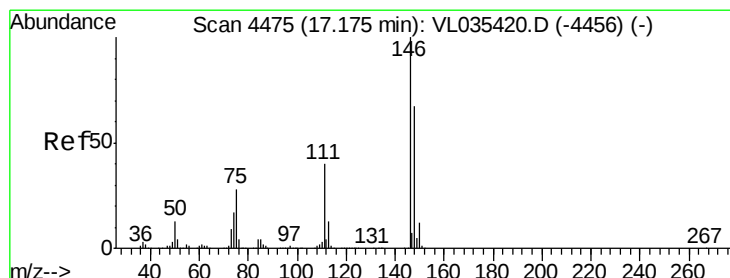
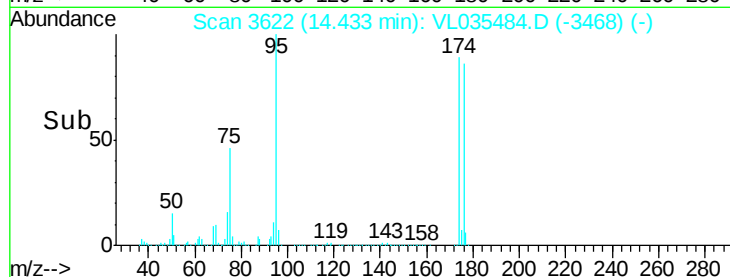
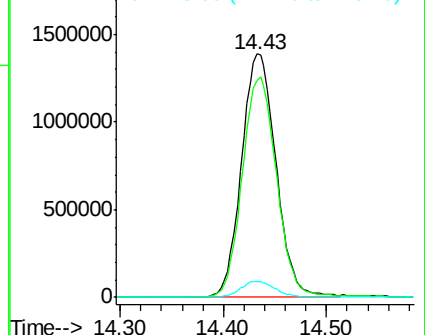
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Abundance Ion 95.10 (94.80 to 95.80): VL035420.D (-3606) (-)

Ion 174.00 (173.70 to 174.70): VL035420.D (-3606) (-)

Ion 175.00 (174.70 to 175.70): VL035420.D (-3606) (-)



#76

1,4-Dichlorobenzene

Concen: 0.154 ppbv m

RT: 17.17 min Scan# 4472

Delta R.T. 0.00 min

Lab File: VL035484.D

Acq: 20 Aug 2020 21:05

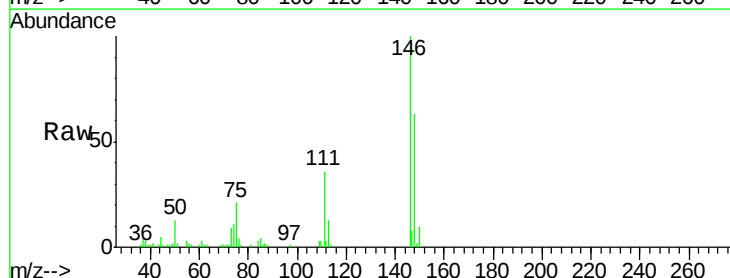
Tgt Ion: 146 Resp: 70034

Ion Ratio Lower Upper

146 100

111 0.0 24.8 74.4#

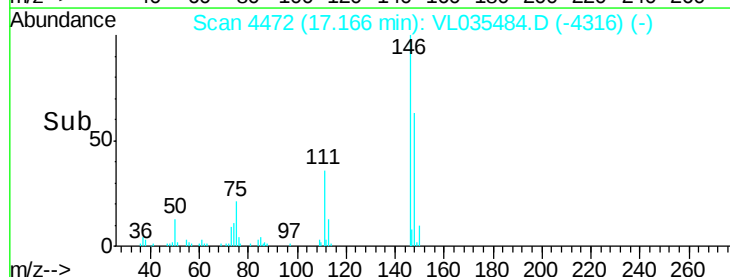
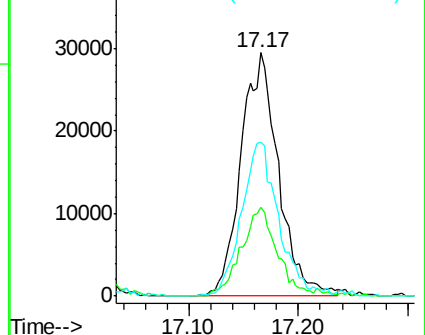
148 0.0 32.1 96.3#

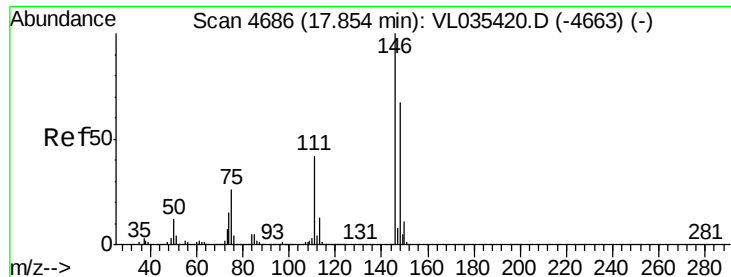


Abundance Ion 146.00 (145.70 to 146.70): VL035420.D (-4456) (-)

Ion 111.10 (110.80 to 111.80): VL035420.D (-4456) (-)

Ion 148.00 (147.70 to 148.70): VL035420.D (-4456) (-)





#77
 1,2-Dichlorobenzene
 Concen: 0.149 ppbv
 RT: 17.85 min Scan# 4685
 Delta R.T. 0.00 min
 Lab File: VL035484.D
 Acq: 20 Aug 2020 21:05

Instrument :
 MSVOA_L
 ClientSampleId :
 QC081820 CAN 10328

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	26.3	78.9
148	63.6	32.0	96.0

Manual Integrations
 APPROVED

MMDadoda
 8/21/2020 11:24:49 AM

