

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071620\
 Data File : VL035202.D
 Acq On : 16 Jul 2020 20:25
 Operator : SY/AP
 Sample : L3318-03DL 1200X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EXHAUST-03DL

Quant Time: Jul 17 04:10:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070820AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Jul 08 07:05:23 2020
 QLast Update : Wed Jul 08 07:05:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.63	49	1107510	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	2683492	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.09	117	2511782	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2078680	10.19	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.90%

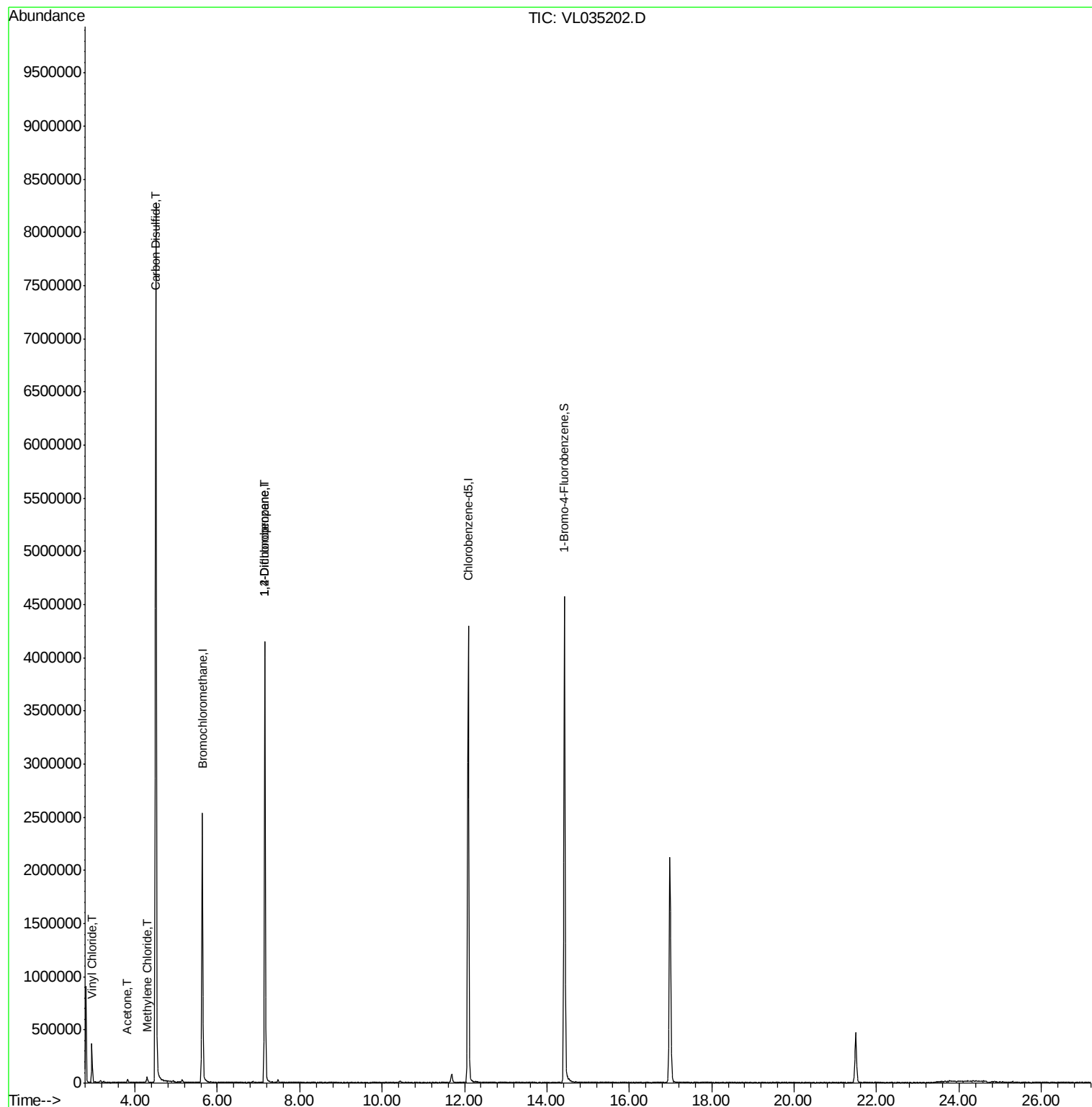
Target Compounds					Ovalue
5) Vinyl Chloride	2.96	62	19351	0.263 ppbv #	55
15) Acetone	3.82	43	29308	0.195 ppbv #	61
20) Methylene Chloride	4.30	84	7425	0.114 ppbv #	79
27) Carbon Disulfide	4.50	76	9889108	69.028 ppbv #	82
39) 1,2-Dichloropropane	7.15	63	740782	9.591 ppbv #	23

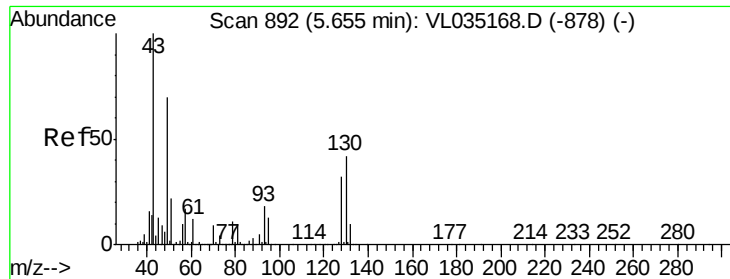
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.63 min Scan# 885

Delta R.T. -0.02 min

Lab File: VL035202.D

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Instrument :

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ClientSampleId :

EXHAUST-03DL

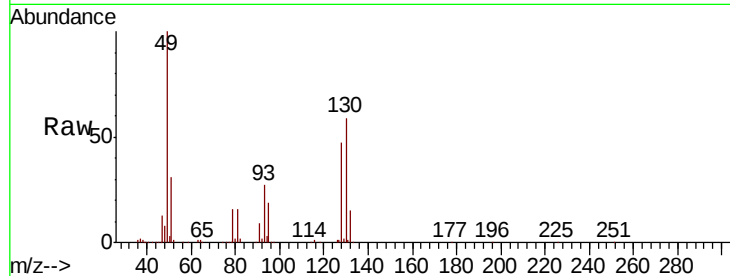
Tot Ion: 49 Resp: 1107510

Ion Ratio Lower Upper

49 100

128 49.6 23.8 71.4

130 63.0 29.9 89.8



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.63

800000

600000

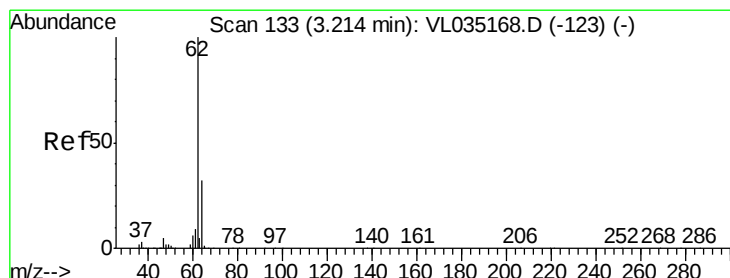
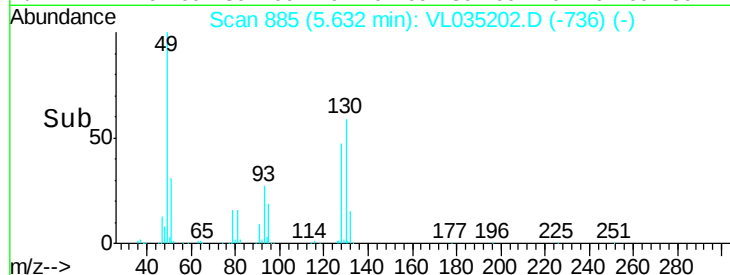
400000

200000

0

Time-->

5.55 5.60 5.65 5.70



#5

Vinyl Chloride

Concen: 0.263 ppbv

RT: 2.96 min Scan# 54

Delta R.T. -0.25 min

Lab File: VL035202.D

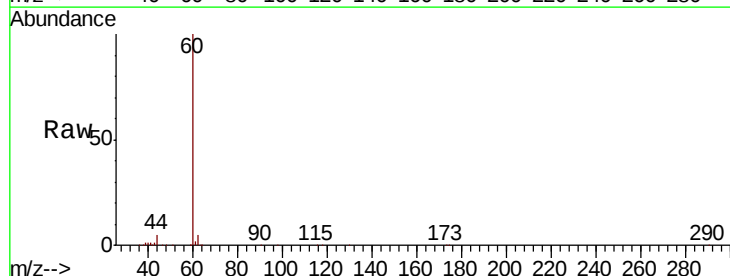
Acq: 16 Jul 2020 20:25

Tgt Ion: 62 Resp: 19351

Ion Ratio Lower Upper

62 100

64 7.0 25.9 38.9#



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0

2.96

15000

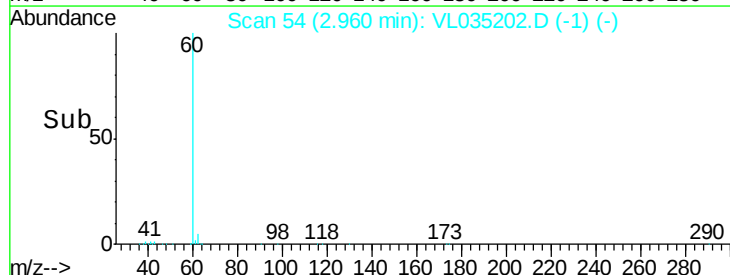
10000

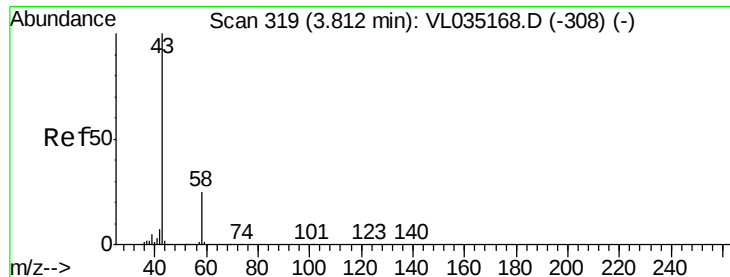
5000

0

Time-->

2.95 3.00





#15

Acetone

Concen: 0.195 ppbv

RT: 3.82 min Scan# 321

Delta R.T. 0.01 min

Lab File: VL035202.D

Acq: 16 Jul 2020 20:25

Instrument :

MSVOA_L

ClientSampleId :

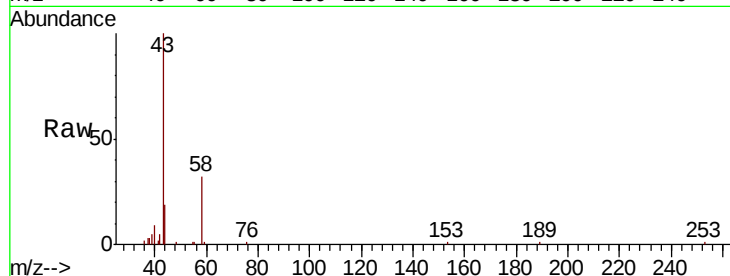
EXHAUST-03DL

Tot Ion: 43 Resp: 29308

Ion Ratio Lower Upper

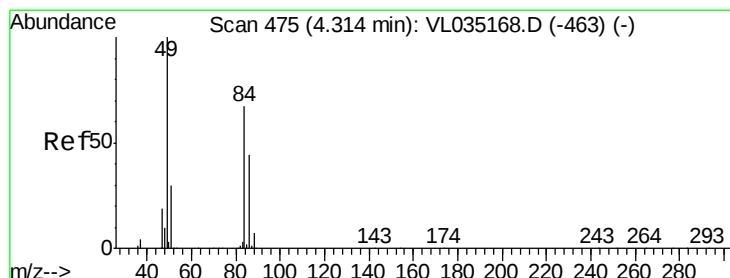
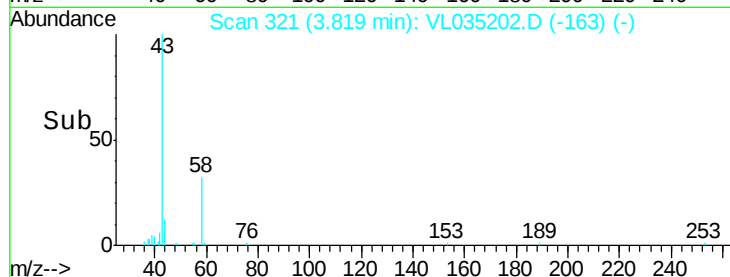
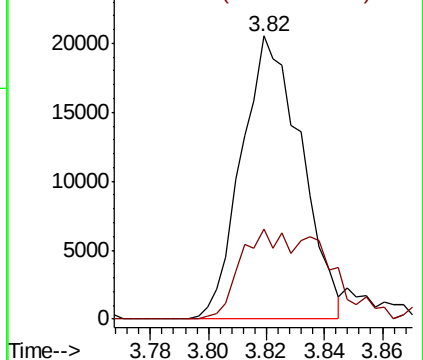
43 100

58 46.6 21.3 31.9#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 0.114 ppbv

RT: 4.30 min Scan# 470

Delta R.T. -0.02 min

Lab File: VL035202.D

Acq: 16 Jul 2020 20:25

Tgt Ion: 84 Resp: 7425

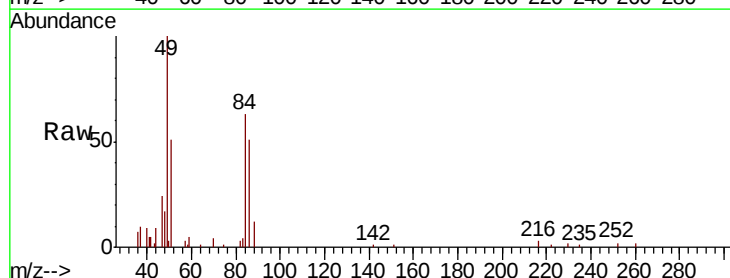
Ion Ratio Lower Upper

84 100

49 167.7 119.4 179.0

51 78.4 36.6 55.0#

86 77.5 52.5 78.7

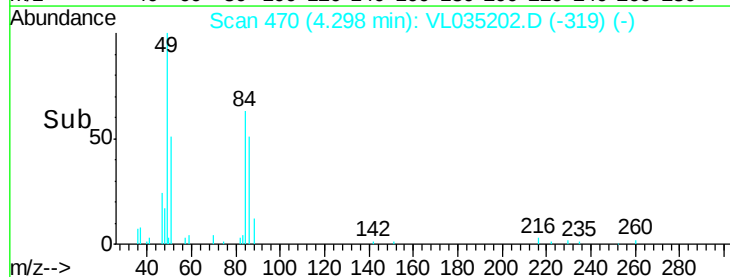
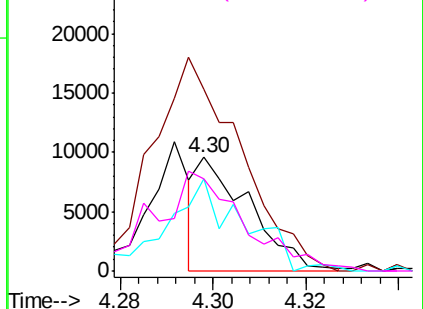


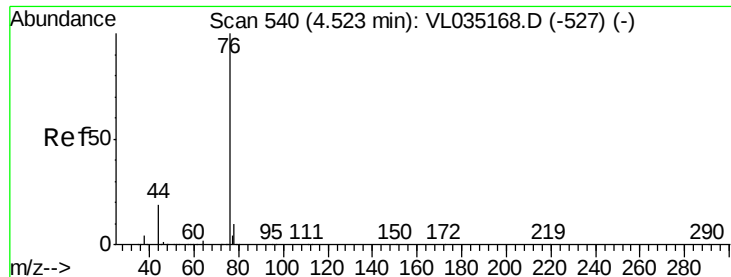
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0





#27

Carbon Disulfide

Concen: 69.028 ppbv

RT: 4.50 min Scan# 534

Delta R.T. -0.02 min

Lab File: VL035202.D

Acq: 16 Jul 2020 20:25

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MSVOA_L

ClientSampleId :

EXHAUST-03DL

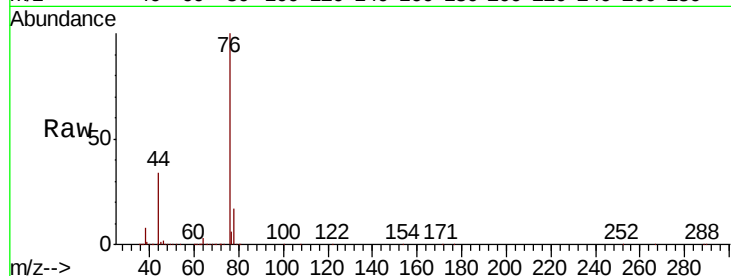
Tot Ion: 76 Resp: 9889108

Ion Ratio Lower Upper

76 100

44 27.8 14.9 22.3#

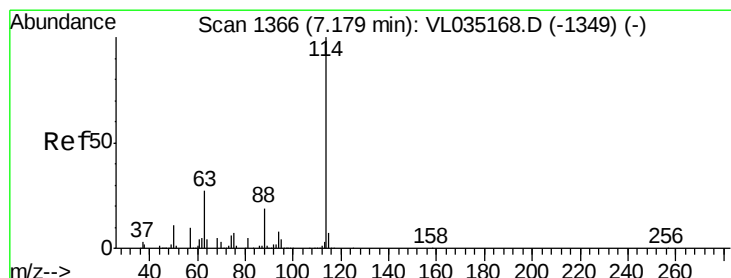
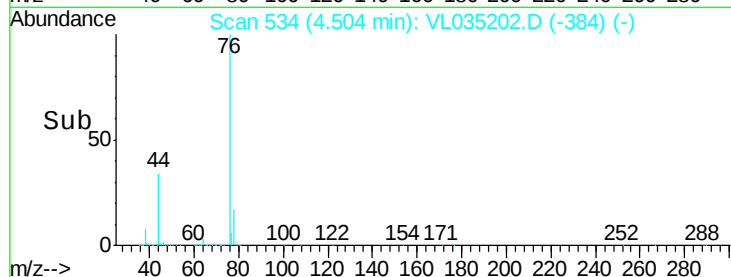
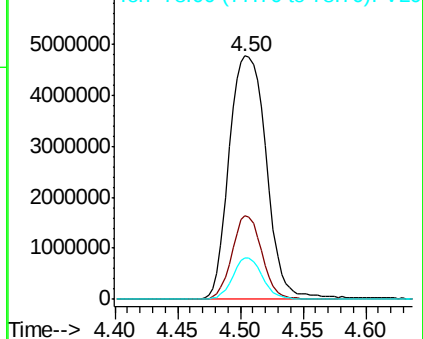
78 13.6 7.5 11.3#



Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.15 min Scan# 1358

Delta R.T. -0.03 min

Lab File: VL035202.D

Acq: 16 Jul 2020 20:25

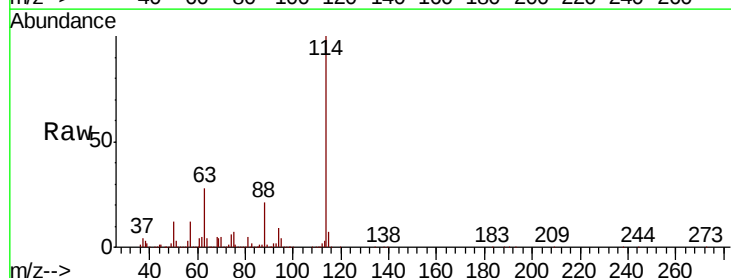
Tgt Ion: 114 Resp: 2683492

Ion Ratio Lower Upper

114 100

63 27.9 22.0 33.0

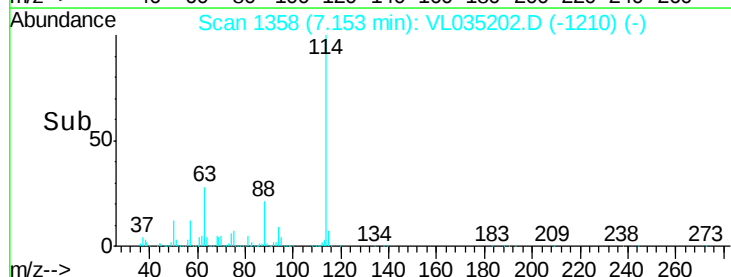
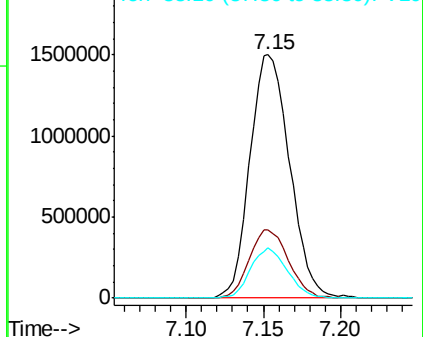
88 19.4 15.4 23.0

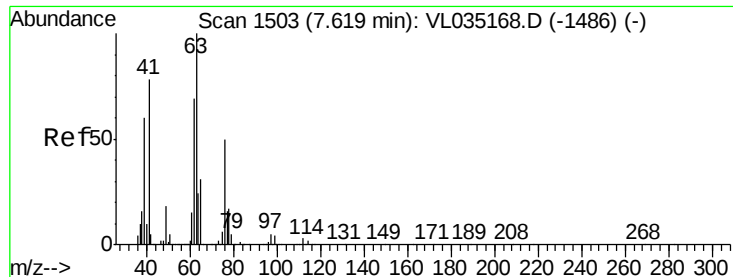


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

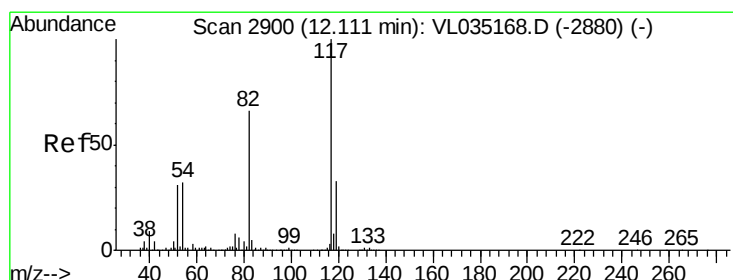
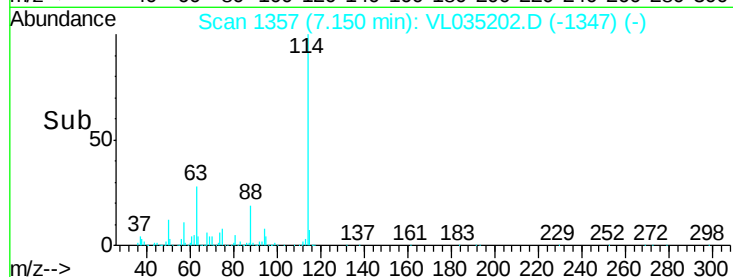
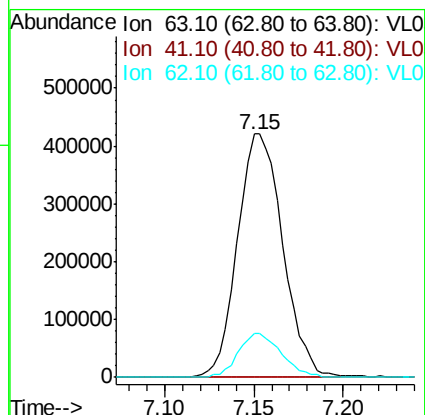
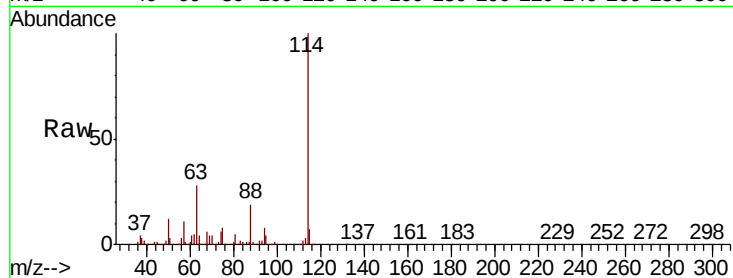




#39
 1,2-Dichloropropane
 Concen: 9.591 ppbv
 RT: 7.15 min Scan# 1357
 Delta R.T. -0.47 min
 Lab File: VL035202.D
 Acq: 16 Jul 2020 20:25

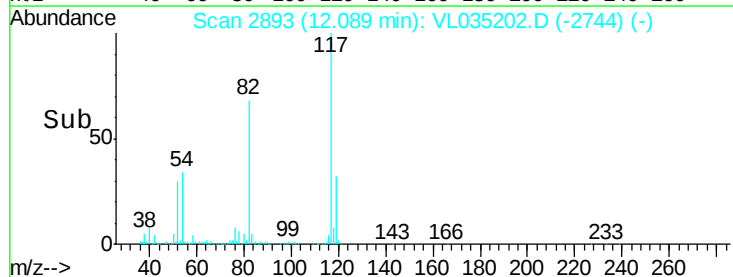
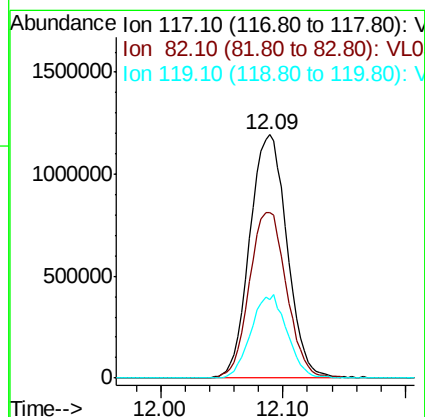
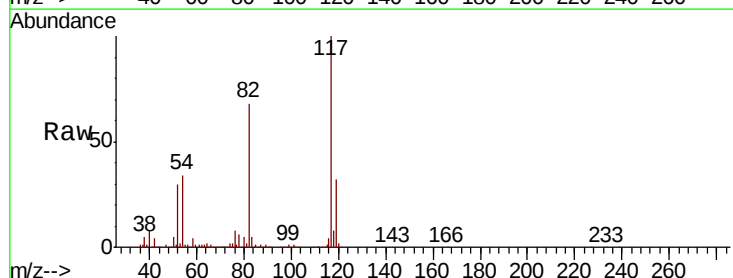
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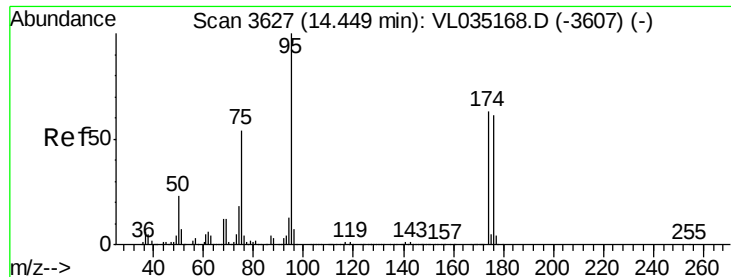
Tot Ion: 63 Resp: 740782
 Ion Ratio Lower Upper
 63 100
 41 0.1 62.6 94.0#
 62 18.1 55.0 82.6#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min Scan# 2893
 Delta R.T. -0.02 min
 Lab File: VL035202.D
 Acq: 16 Jul 2020 20:25

Tgt Ion: 117 Resp: 2511782
 Ion Ratio Lower Upper
 117 100
 82 68.5 52.3 78.5
 119 33.2 24.9 37.3

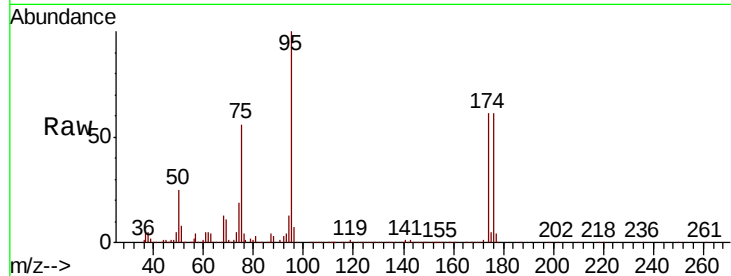




#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.187 ppbv
 RT: 14.43 min Scan# 3620
 Delta R.T. -0.02 min
 Lab File: VL035202.D
 Acq: 16 Jul 2020 20:25

Instrument :
 MSVOA_L
 ClientSampleId :
 EXHAUST-03DL

Tot Ion: 95 Resp: 2078680
 Ion Ratio Lower Upper
 95 100
 174 65.3 52.2 78.2
 175 4.8 4.0 6.0



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

