

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080320\
 Data File : VL035327.D
 Acq On : 4 Aug 2020 00:13
 Operator : SY/AP
 Sample : L3540-01 1200X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LAGCARB-IN-01DL

Quant Time: Aug 04 05:40:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Aug 04 05:31:29 2020
 QLast Update : Tue Aug 04 05:31:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1206691	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3057024	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2989722	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2492114	9.95	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.50%

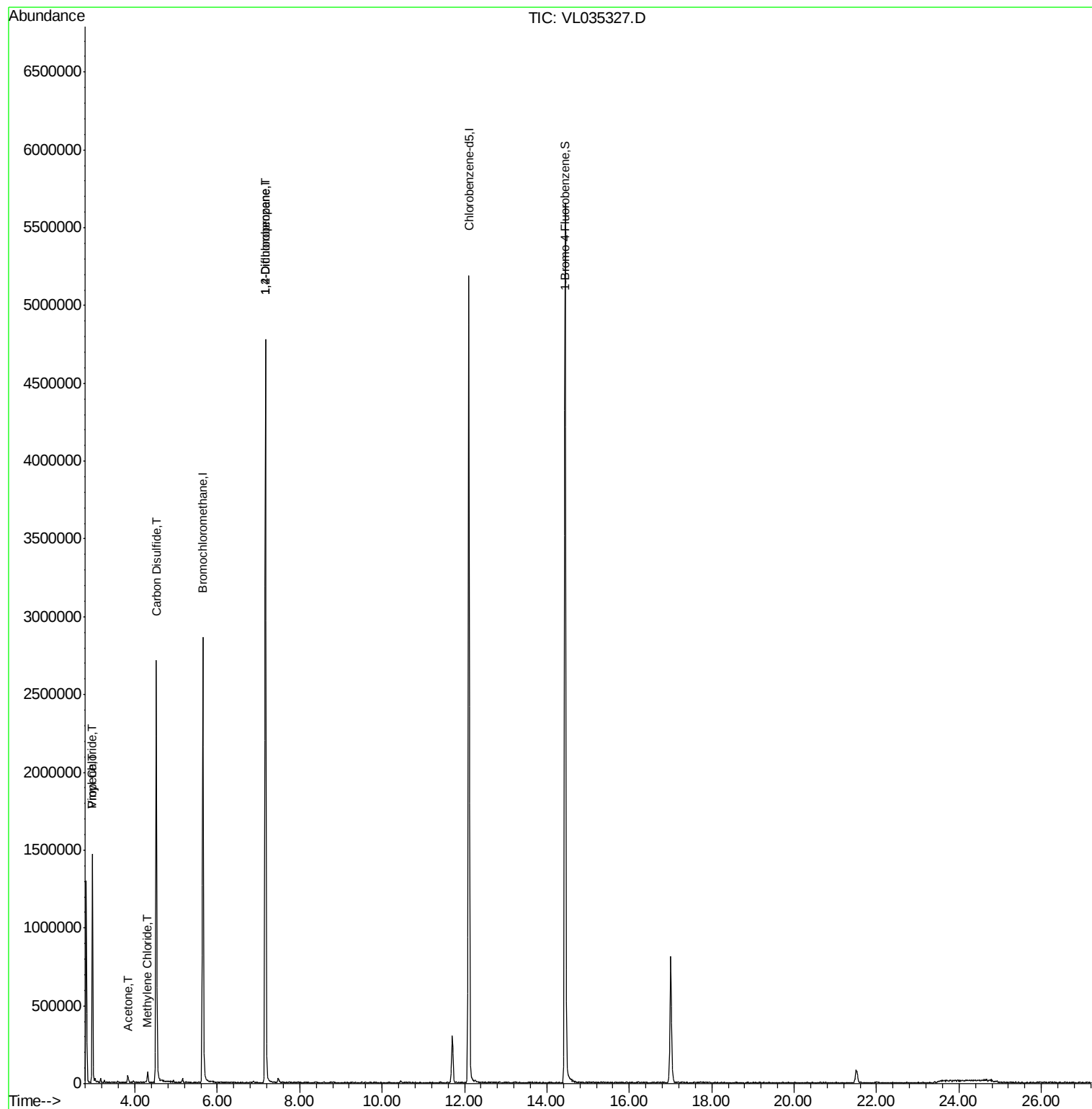
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl Chloride	2.97	62	83306	1.080	ppbv #	49
9) Propene	2.96	41	5455	0.109	ppbv #	51
15) Acetone	3.83	43	37292	0.214	ppbv #	70
20) Methylene Chloride	4.31	84	12082	0.152	ppbv	93
27) Carbon Disulfide	4.52	76	3133324	19.719	ppbv	99
39) 1,2-Dichloropropane	7.17	63	840307	9.514	ppbv #	24

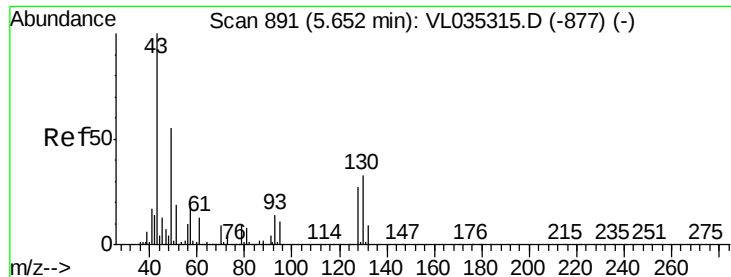
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL080320\
Data File : VL035327.D
Acq On : 4 Aug 2020 00:13
Operator : SY/AP
Sample : L3540-01 1200X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
LAGCARB-IN-01DL

Quant Time: Aug 04 05:40:27 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL080320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Aug 04 05:31:29 2020
QLast Update : Tue Aug 04 05:31:29 2020
Response via : Initial Calibration

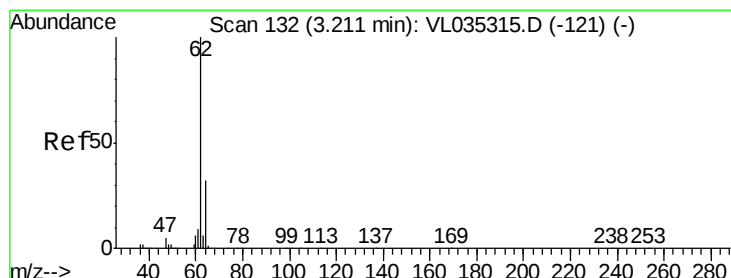
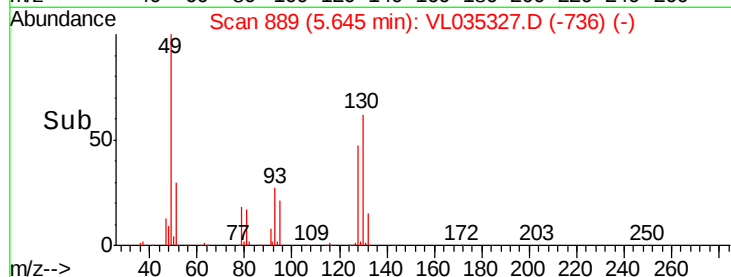
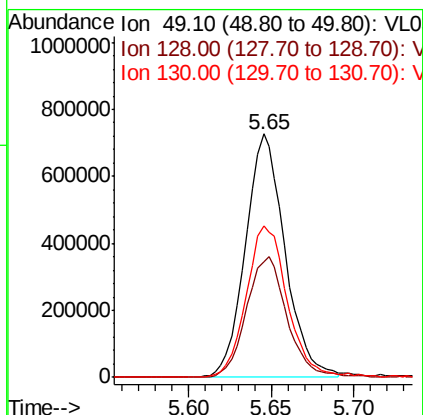
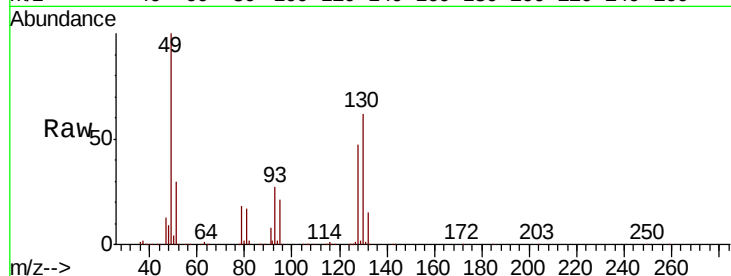




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.65 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: VL035327.D
 Acq: 4 Aug 2020 00:13

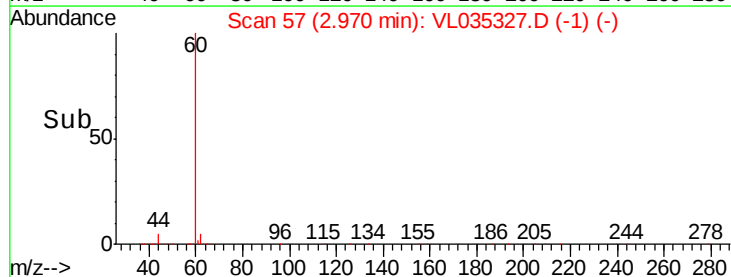
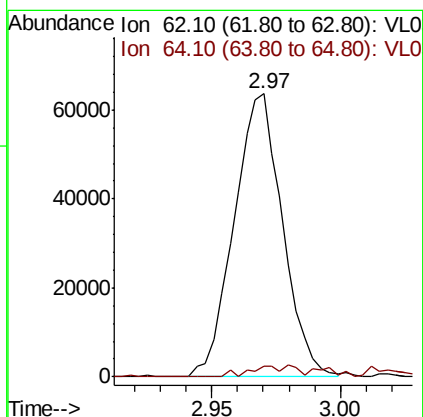
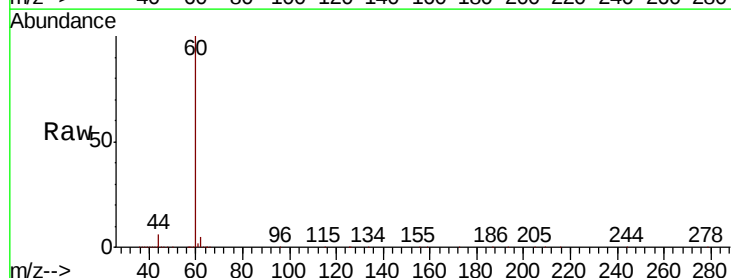
Instrument :
 MSVOA_L
 ClientSampleId :
 LAGCARB-IN-01DL

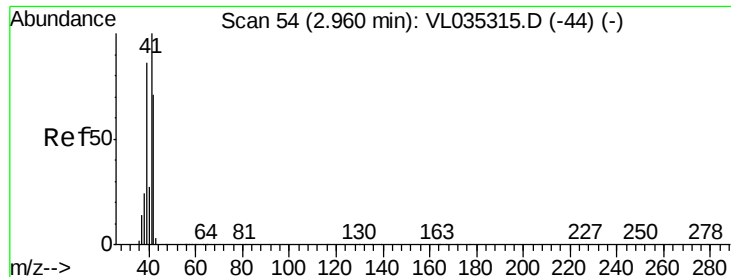
Tot Ion: 49 Resp: 1206691
 Ion Ratio Lower Upper
 49 100
 128 51.5 23.8 71.5
 130 66.0 31.4 94.3



#5
 Vinyl Chloride
 Concen: 1.080 ppbv
 RT: 2.97 min Scan# 57
 Delta R.T. -0.24 min
 Lab File: VL035327.D
 Acq: 4 Aug 2020 00:13

Tgt Ion: 62 Resp: 83306
 Ion Ratio Lower Upper
 62 100
 64 3.8 25.9 38.9#





#9

Propene

Concen: 0.109 ppbv

RT: 2.96 min Scan# 53

Delta R.T. -0.00 min

Lab File: VL035327.D

Acq: 4 Aug 2020 00:13

Instrument :

MSVOA_L

ClientSampleId :

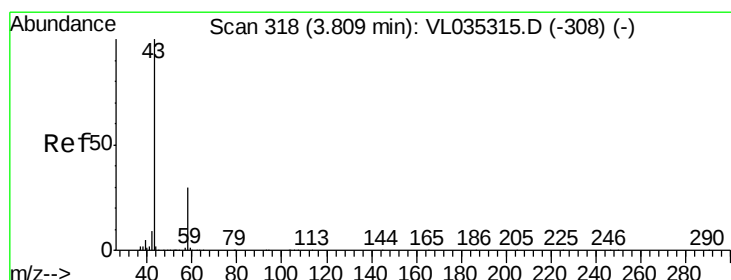
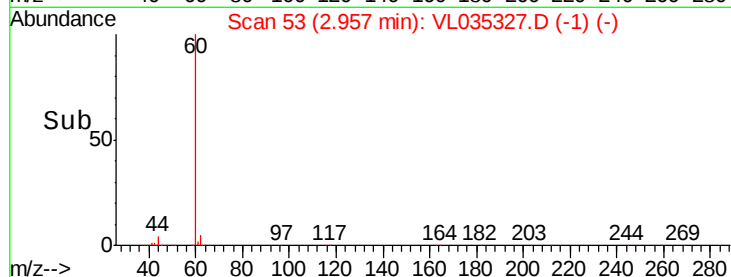
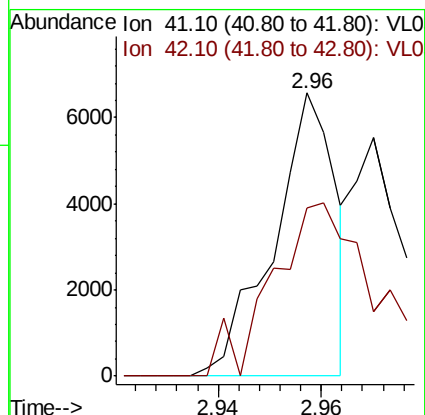
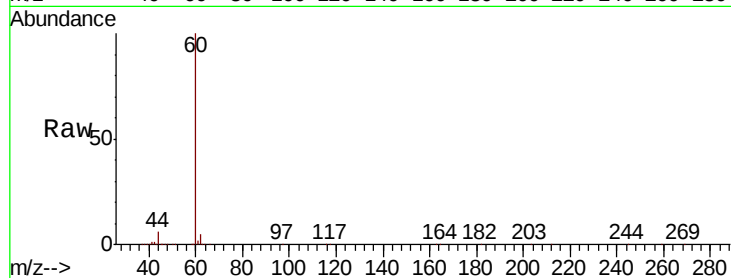
LAGCARB-IN-01DL

Tot Ion: 41 Resp: 5455

Ion Ratio Lower Upper

41 100

42 111.8 56.8 85.2#



#15

Acetone

Concen: 0.214 ppbv

RT: 3.83 min Scan# 324

Delta R.T. 0.02 min

Lab File: VL035327.D

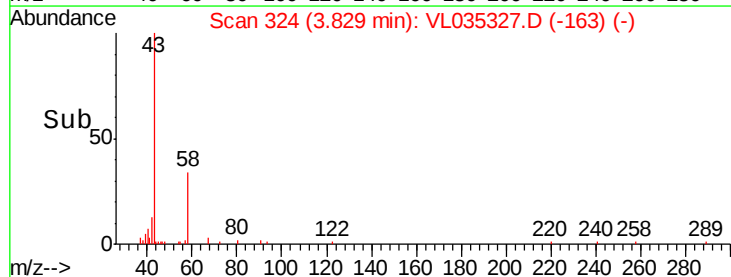
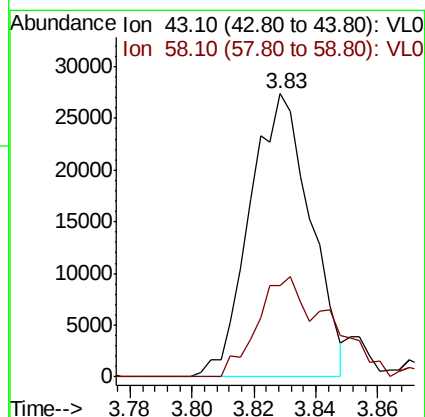
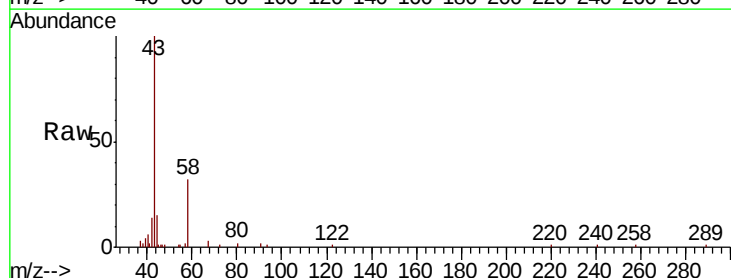
Acq: 4 Aug 2020 00:13

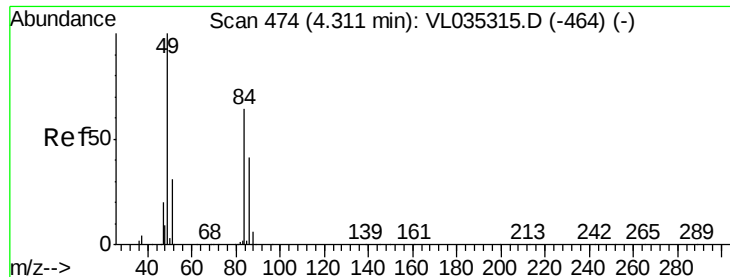
Tgt Ion: 43 Resp: 37292

Ion Ratio Lower Upper

43 100

58 43.3 22.1 33.1#

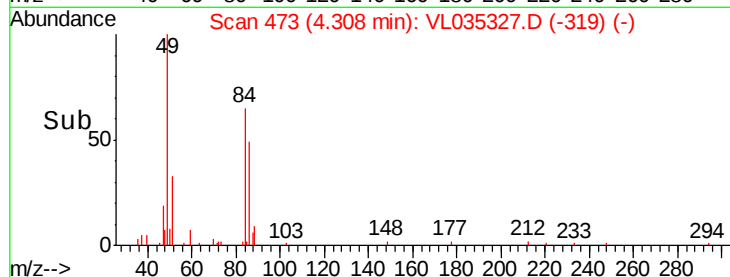
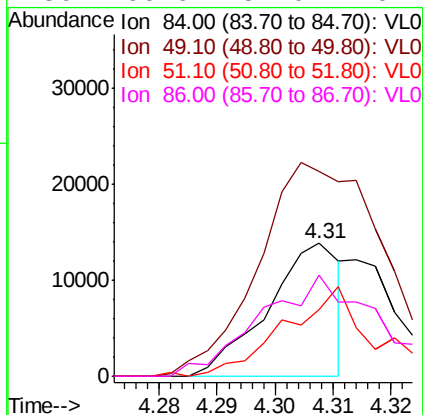
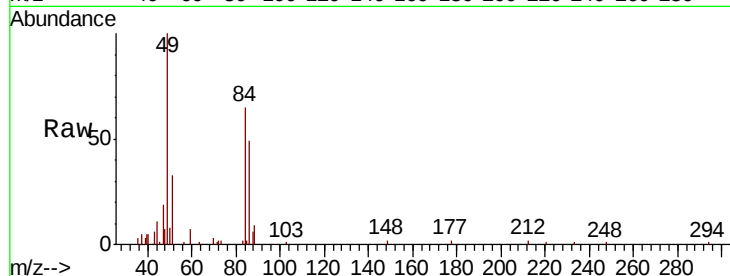




#20
Methvlene Chloride
Concen: 0.152 ppbv
RT: 4.31 min Scan# 473
Delta R.T. -0.00 min
Lab File: VL035327.D
Acq: 4 Aug 2020 00:13

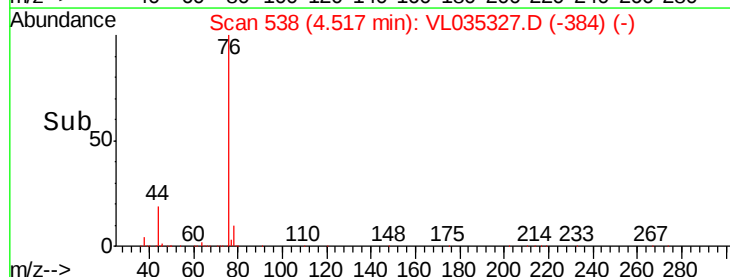
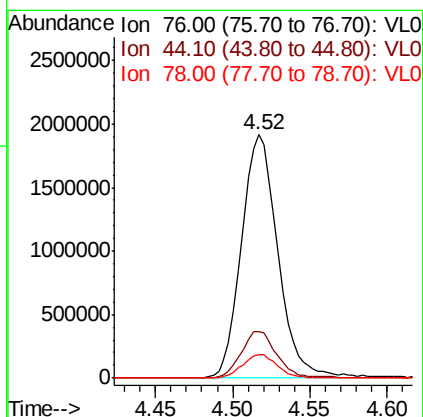
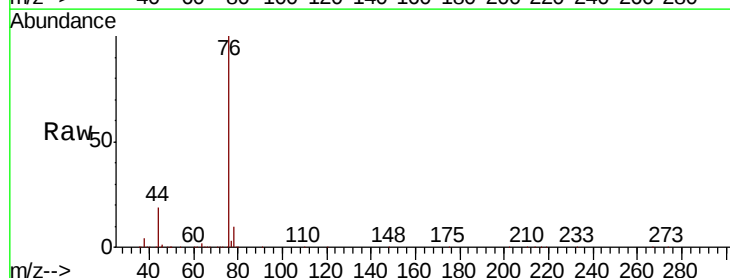
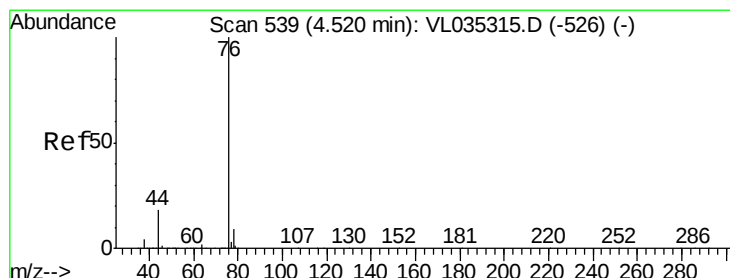
Instrument :
MSVOA_L
ClientSampleId :
LAGCARB-IN-01DL

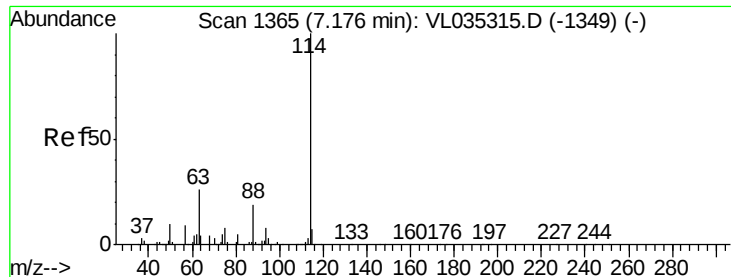
Tot Ion:	84	Resp:	12082
Ion	Ratio	Lower	Upper
84	100		
49	142.7	124.2	186.2
51	50.5	38.6	58.0
86	66.6	51.0	76.4



#27
Carbon Disulfide
Concen: 19.719 ppbv
RT: 4.52 min Scan# 538
Delta R.T. -0.00 min
Lab File: VL035327.D
Acq: 4 Aug 2020 00:13

Tgt Ion:	76	Resp:	3133324
Ion	Ratio	Lower	Upper
76	100		
44	19.2	14.8	22.2
78	9.5	7.8	11.8

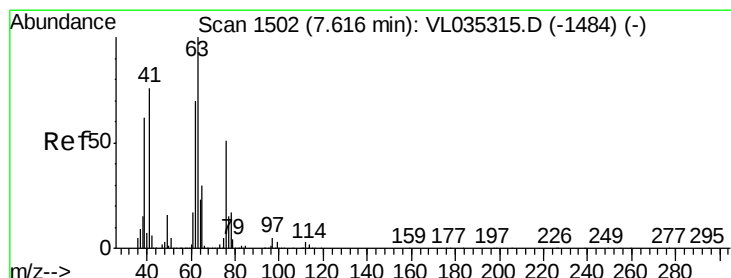
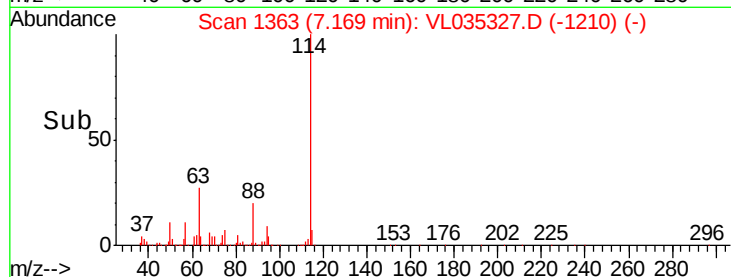
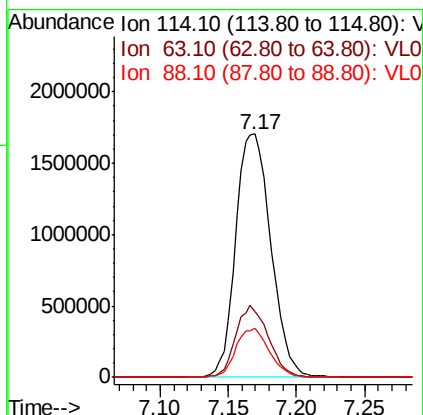
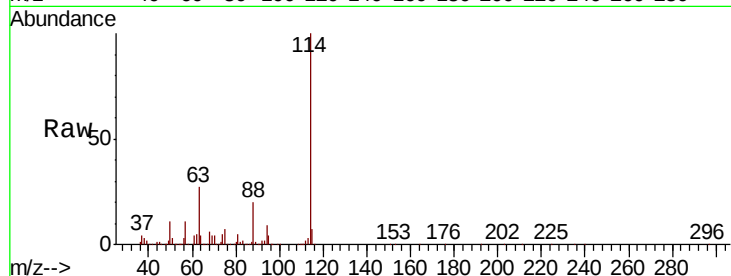




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: VL035327.D
 Acq: 4 Aug 2020 00:13

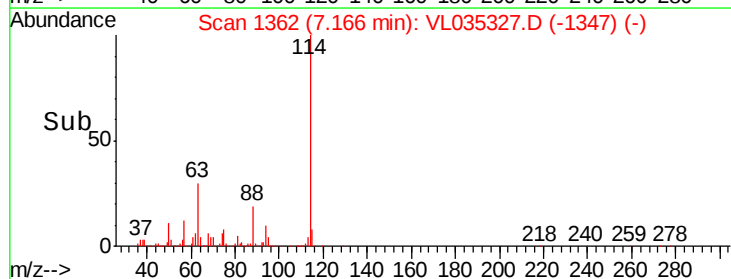
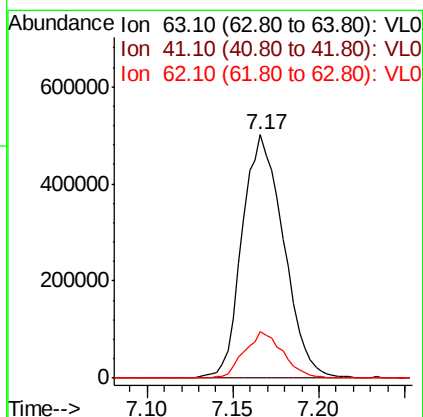
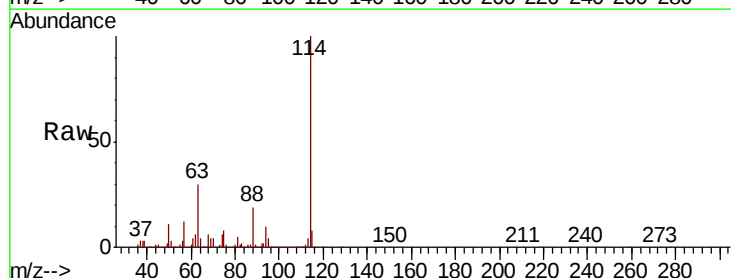
Instrument :
 MSVOA_L
 ClientSampleId :
 LAGCARB-IN-01DL

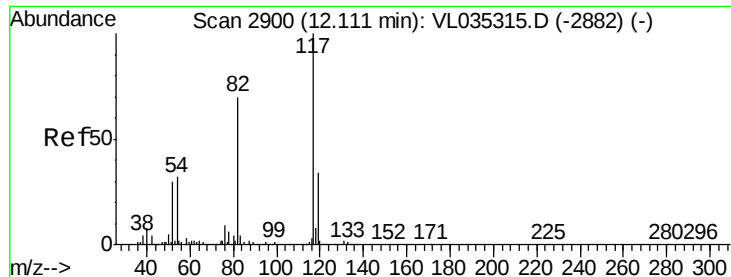
Tot Ion:114 Resp: 3057024
 Ion Ratio Lower Upper
 114 100
 63 27.6 21.5 32.3
 88 19.3 15.3 22.9



#39
 1,2-Dichloropropane
 Concen: 9.514 ppbv
 RT: 7.17 min Scan# 1362
 Delta R.T. -0.45 min
 Lab File: VL035327.D
 Acq: 4 Aug 2020 00:13

Tgt Ion: 63 Resp: 840307
 Ion Ratio Lower Upper
 63 100
 41 0.1 61.0 91.4#
 62 19.0 55.8 83.8#

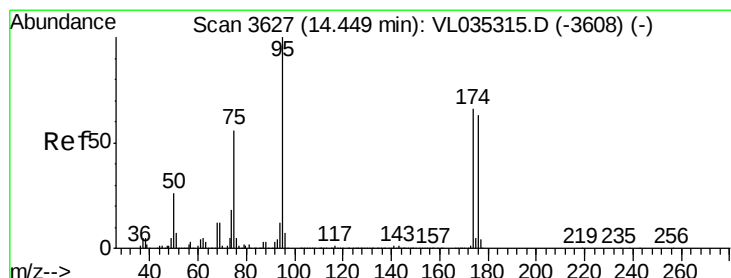
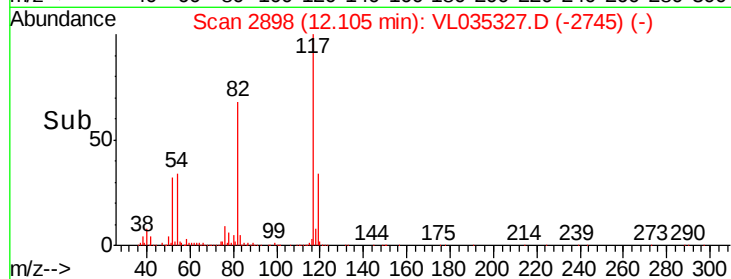
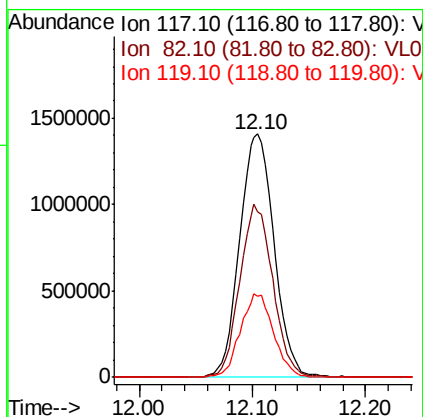
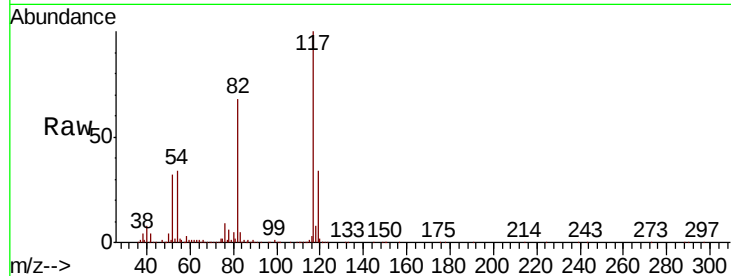




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.01 min
Lab File: VL035327.D
Acq: 4 Aug 2020 00:13

Instrument :
MSVOA_L
ClientSampleId :
LAGCARB-IN-01DL

Tot Ion:117 Resp: 2989722
Ion Ratio Lower Upper
117 100
82 68.6 50.6 76.0
119 33.0 24.1 36.1



#68
1-Bromo-4-Fluorobenzene
Concen: 9.951 ppbv
RT: 14.44 min Scan# 3624
Delta R.T. -0.01 min
Lab File: VL035327.D
Acq: 4 Aug 2020 00:13

Tgt Ion: 95 Resp: 2492114
Ion Ratio Lower Upper
95 100
174 66.4 52.5 78.7
175 4.9 3.9 5.9

