

Data Path : Z:\VOASRV\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

Quant Time: Sep 04 06:45:29 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	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%

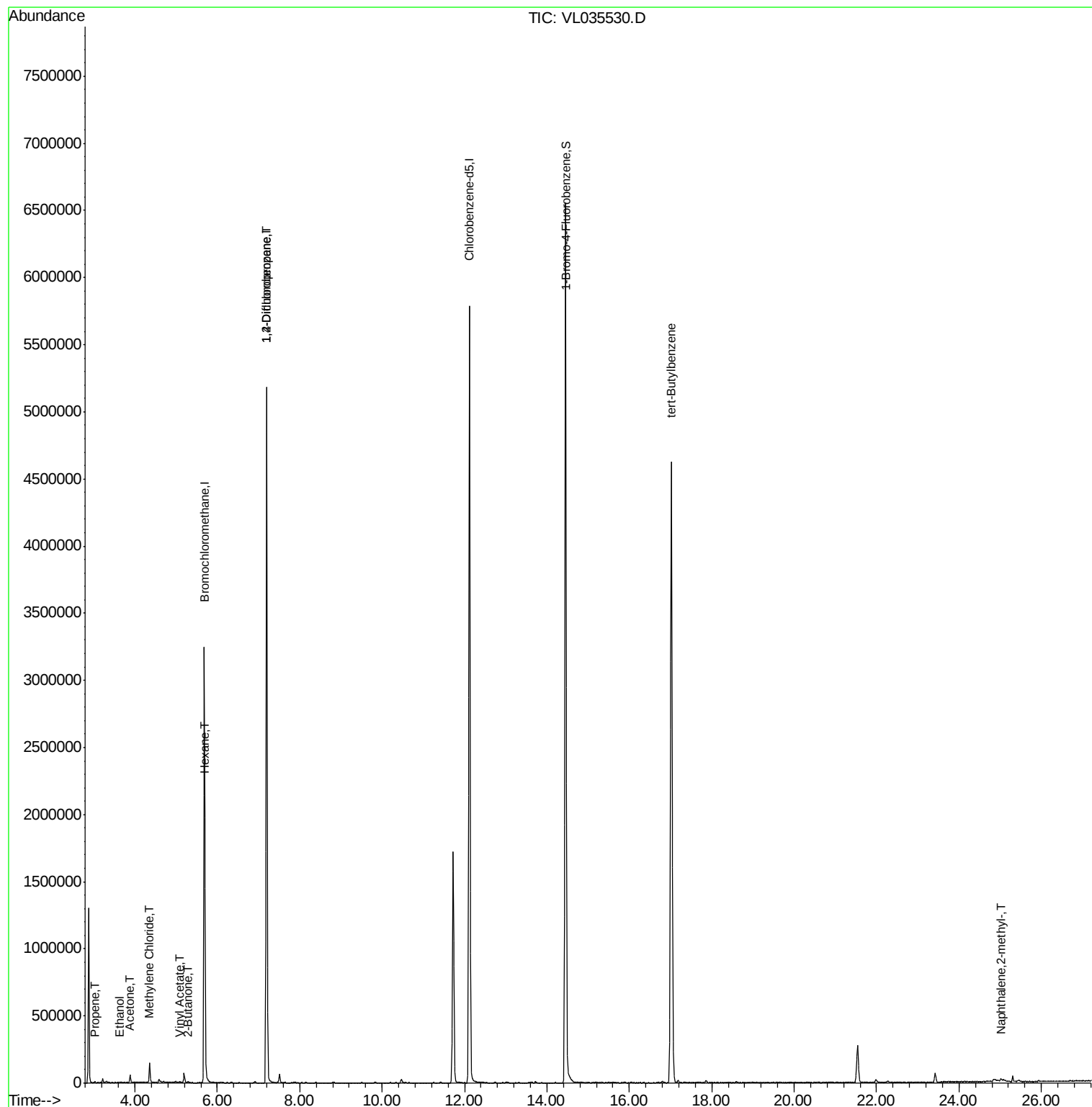
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	1588	0.036	ppbv #	43
13) Ethanol	3.63	45	2225	0.202	ppbv #	37
15) Acetone	3.88	43	44587	0.388	ppbv #	49
20) Methylene Chloride	4.36	84	67144	0.785	ppbv	98
23) Vinyl Acetate	5.09	43	5328	0.036	ppbv #	87
26) Hexane	5.71	57	8491	0.074	ppbv #	48
34) 2-Butanone	5.29	43	5117	0.039	ppbv #	40
39) 1,2-Dichloropropane	7.19	63	803800	8.323	ppbv #	32
65) tert-Butylbenzene	17.01	119	31590	0.055	ppbv #	9
80) Naphthalene,2-methyl-	25.02	142	10548	0.056	ppbv	97

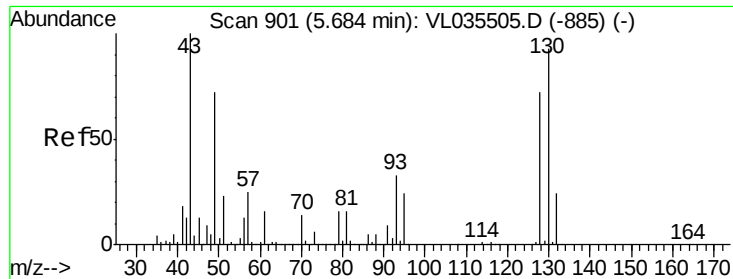
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Quant Time: Sep 04 06:45:29 2020
Quant Method : Z:\V0ASRV\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

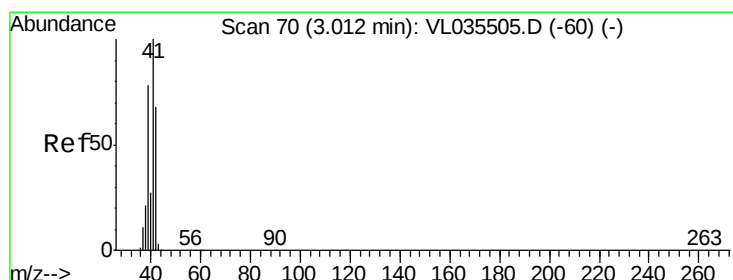
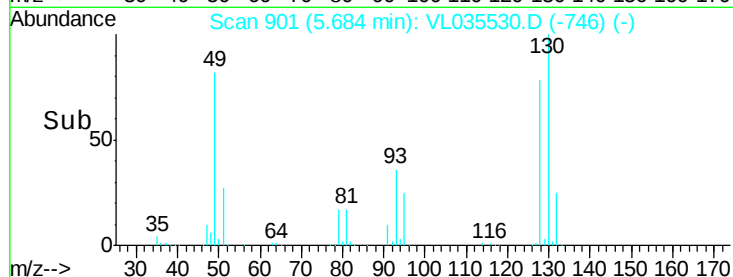
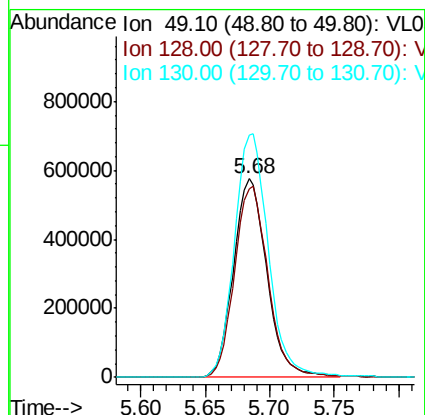
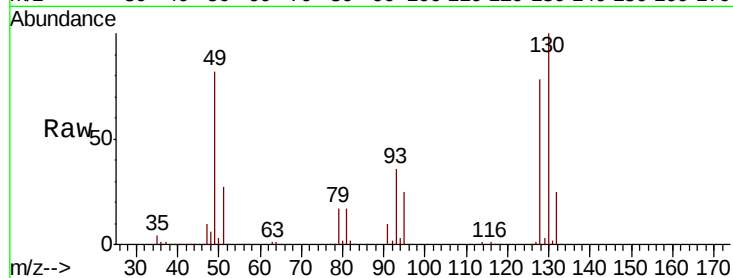




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.68 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VL035530.D
 Acq: 3 Sep 2020 14:30

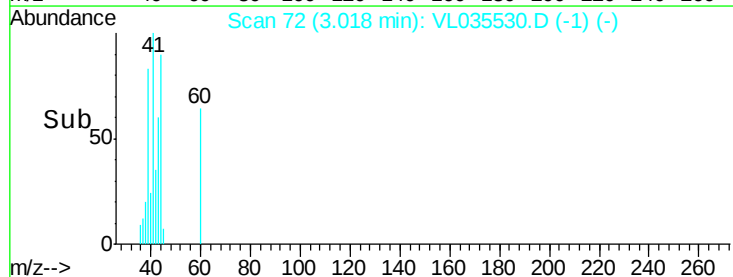
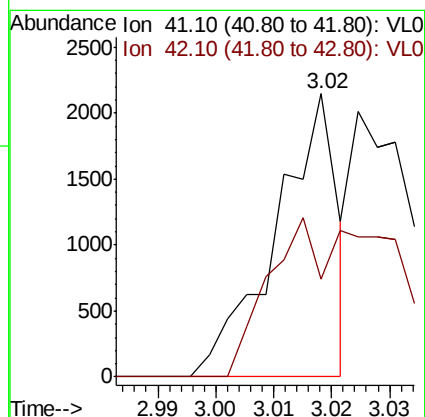
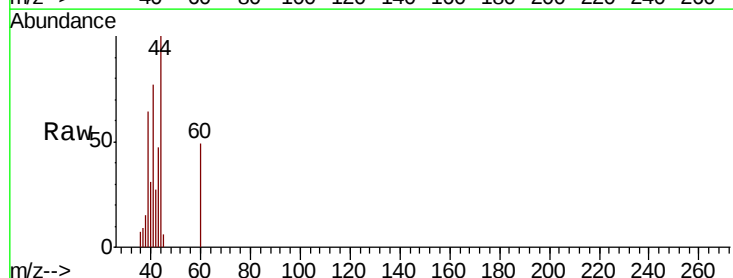
Instrument :
 MSVOA_L
 ClientSampleId :
 QC090220 CAN 10401

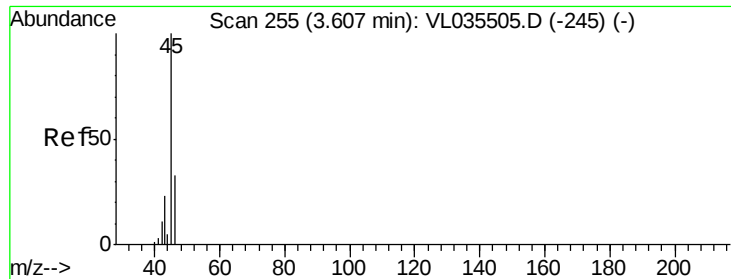
Tot Ion: 49 Resp: 1041882
 Ion Ratio Lower Upper
 49 100
 128 97.2 50.0 150.1
 130 125.3 64.4 193.2



#9
 Propene
 Concen: 0.036 ppbv
 RT: 3.02 min Scan# 72
 Delta R.T. 0.01 min
 Lab File: VL035530.D
 Acq: 3 Sep 2020 14:30

Tgt Ion: 41 Resp: 1588
 Ion Ratio Lower Upper
 41 100
 42 117.6 56.3 84.5#

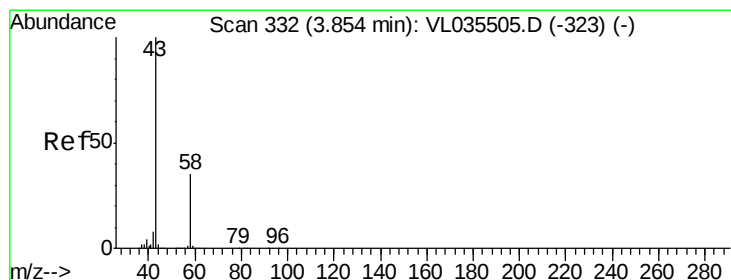
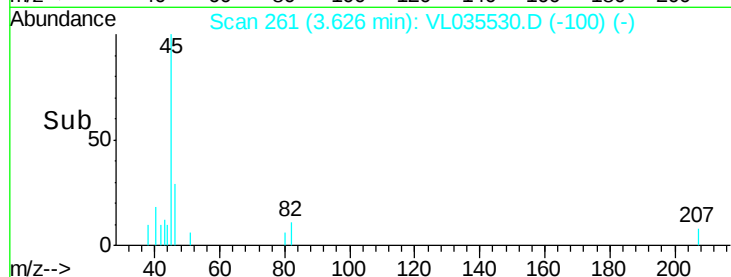
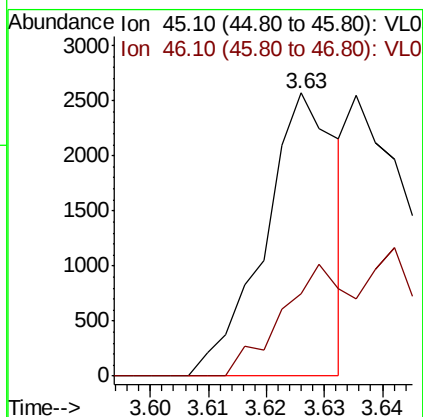
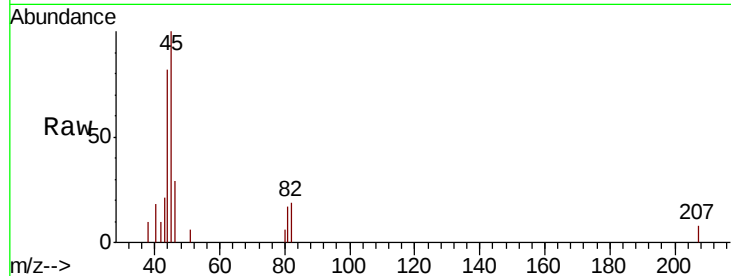




#13
Ethanol
Concen: 0.202 ppbv
RT: 3.63 min Scan# 261
Delta R.T. 0.02 min
Lab File: VL035530.D
Acq: 3 Sep 2020 14:30

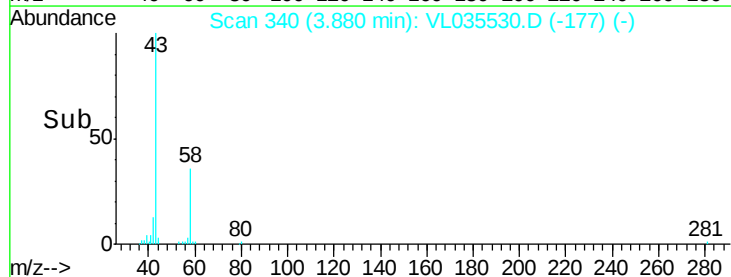
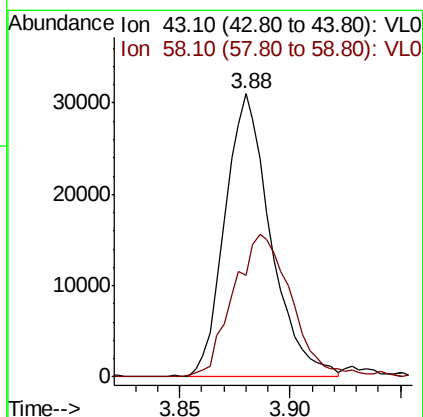
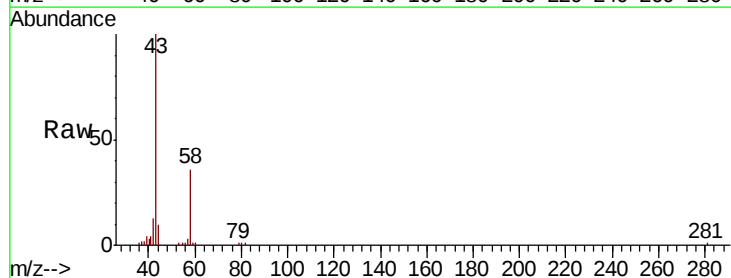
Instrument :
MSVOA_L
ClientSampleId :
QC090220 CAN 10401

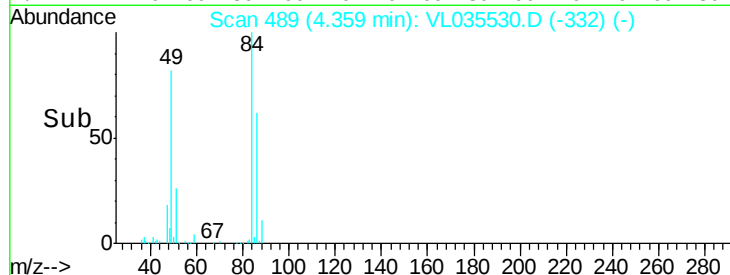
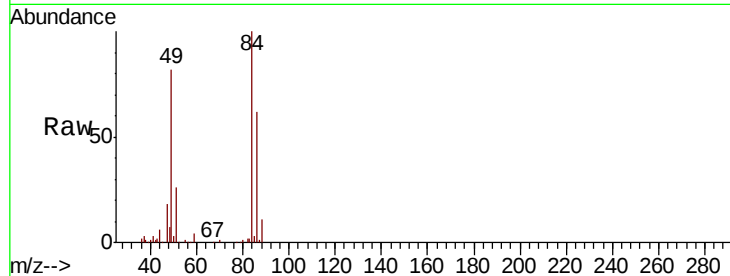
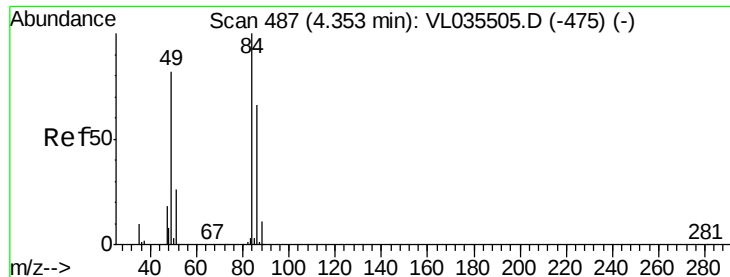
Tot Ion: 45 Resp: 2225
Ion Ratio Lower Upper
45 100
46 0.0 15.2 60.6#



#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

Tgt Ion: 43 Resp: 44587
Ion Ratio Lower Upper
43 100
58 65.3 28.4 42.6#

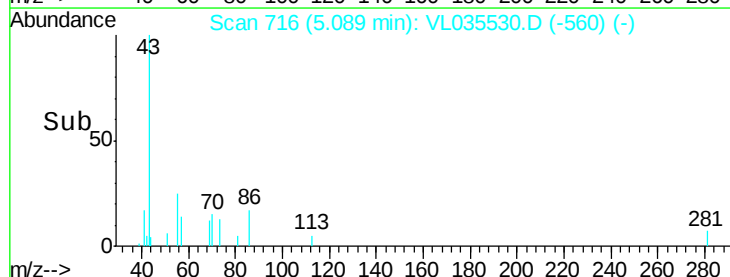
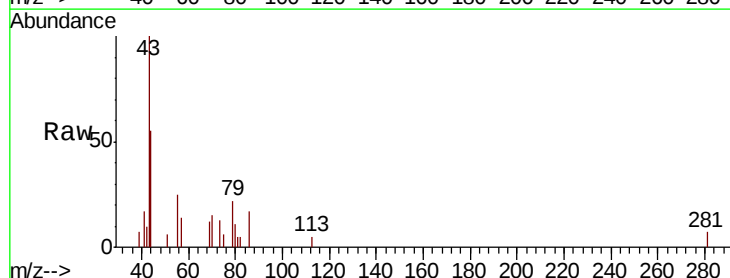
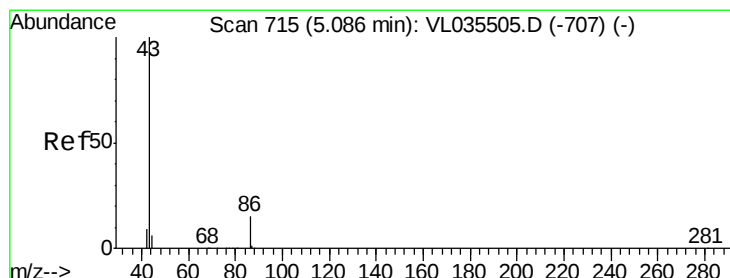
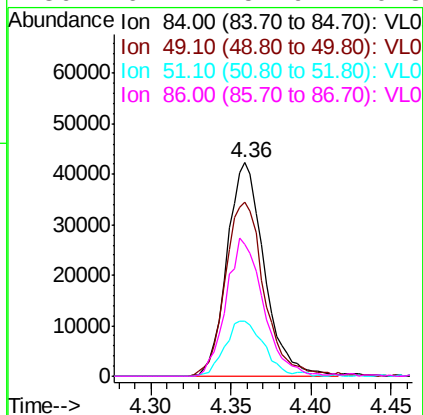




#20
Methvlene Chloride
Concen: 0.785 ppbv
RT: 4.36 min Scan# 489
Delta R.T. 0.01 min
Lab File: VL035530.D
Acq: 3 Sep 2020 14:30

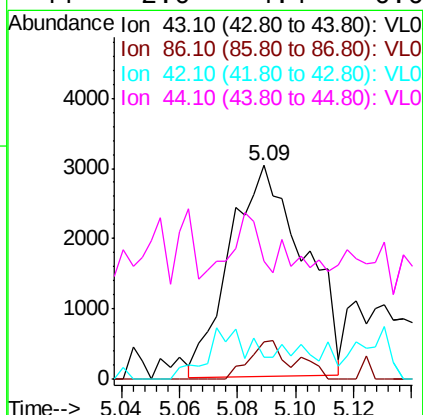
Instrument :
MSVOA_L
ClientSampleId :
QC090220 CAN 10401

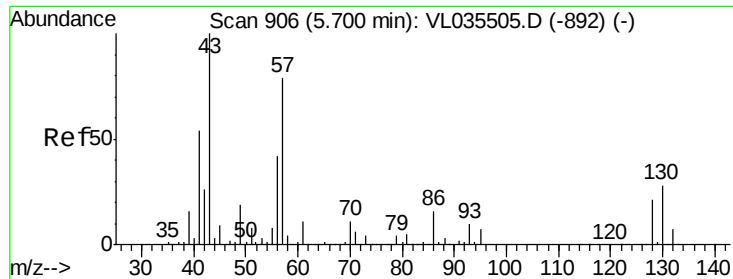
Tot Ion:	84	Resp:	67144
Ion	Ratio	Lower	Upper
84	100		
49	81.6	65.4	98.0
51	25.9	21.5	32.3
86	61.7	52.9	79.3



#23
Vinyl Acetate
Concen: 0.036 ppbv
RT: 5.09 min Scan# 716
Delta R.T. 0.00 min
Lab File: VL035530.D
Acq: 3 Sep 2020 14:30

Tgt Ion:	43	Resp:	5328
Ion	Ratio	Lower	Upper
43	100		
86	18.5	10.6	16.0#
42	4.1	7.5	11.3#
44	2.0	4.4	6.6#

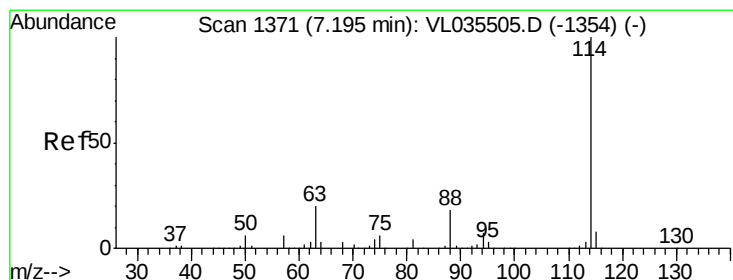
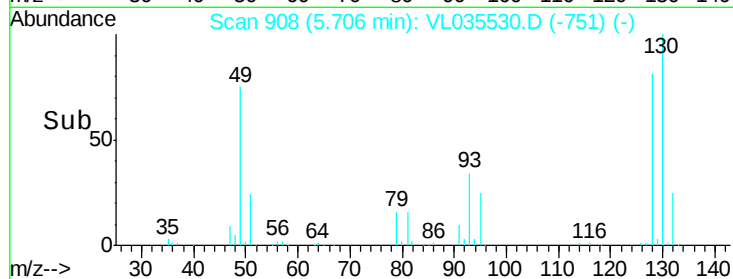
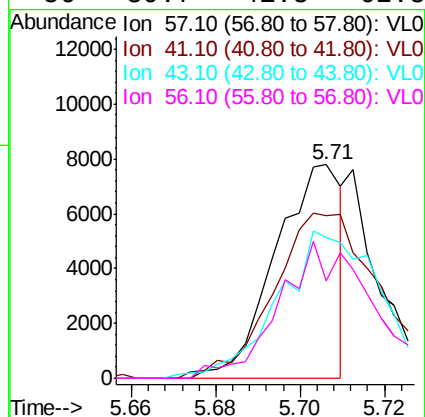
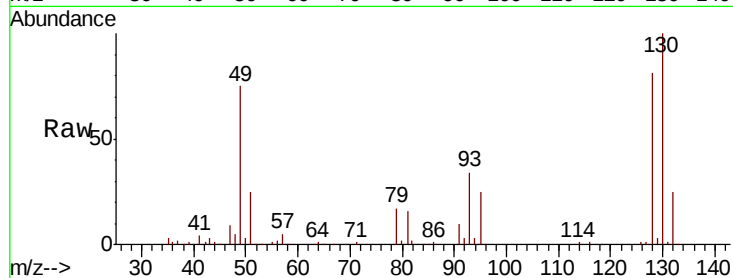




#26
Hexane
Concen: 0.074 ppbv
RT: 5.71 min Scan# 908
Delta R.T. 0.01 min
Lab File: VL035530.D
Acq: 3 Sep 2020 14:30

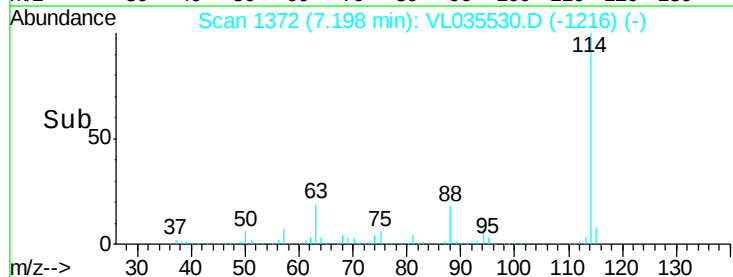
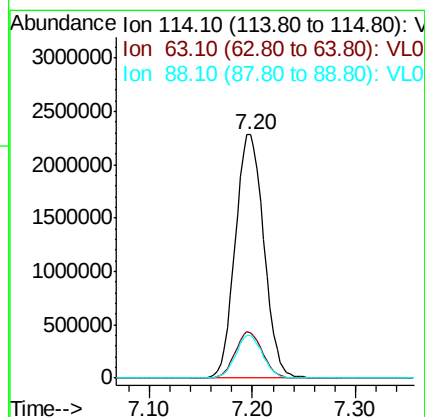
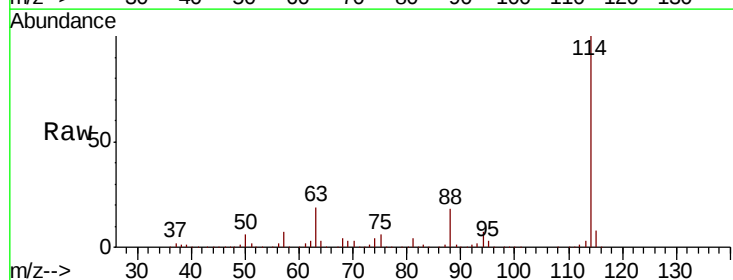
Instrument :
MSVOA_L
ClientSampleId :
QC090220 CAN 10401

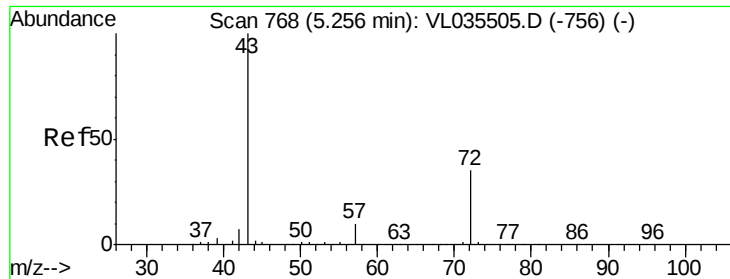
Tot Ion: 57 Resp: 8491
Ion Ratio Lower Upper
57 100
41 125.0 55.9 83.9#
43 111.9 141.8 212.8#
56 89.7 41.8 62.8#



#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

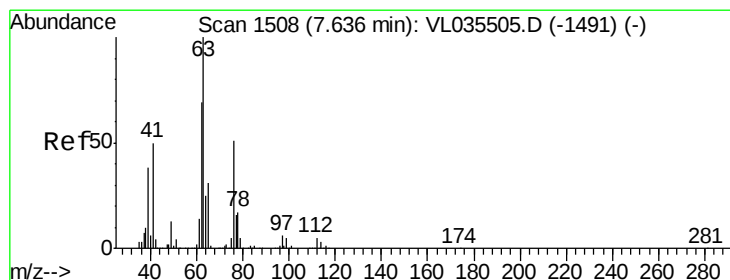
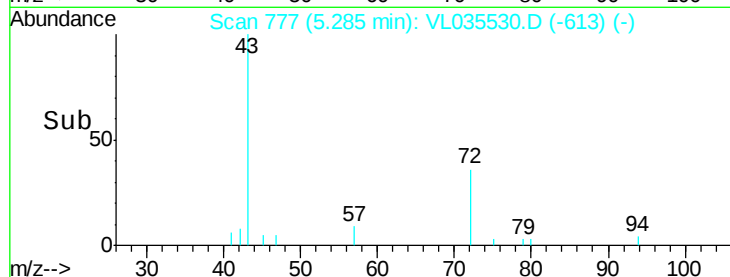
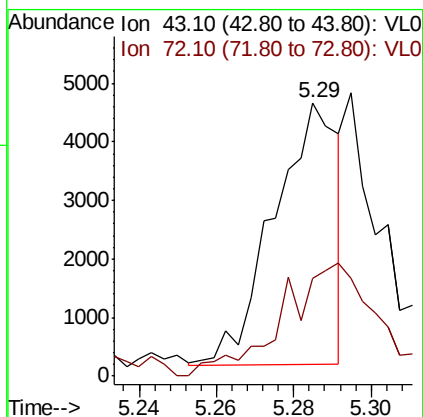
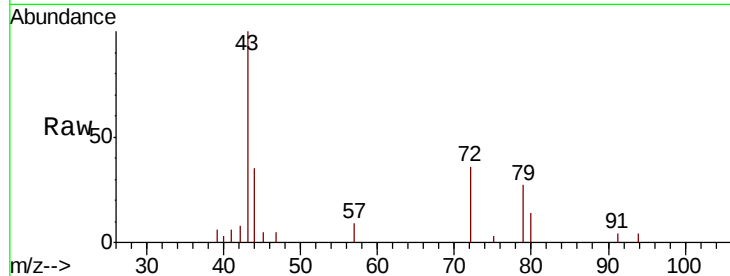




#34
2-Butanone
Concen: 0.039 ppbv
RT: 5.29 min Scan# 777
Delta R.T. 0.03 min
Lab File: VL035530.D
Acq: 3 Sep 2020 14:30

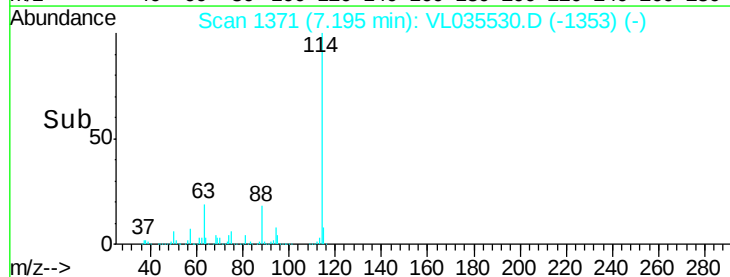
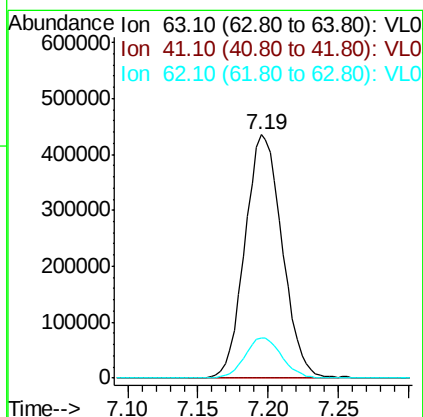
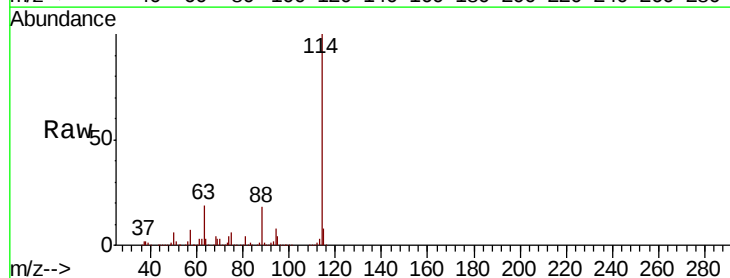
Instrument :
MSVOA_L
ClientSampleId :
QC090220 CAN 10401

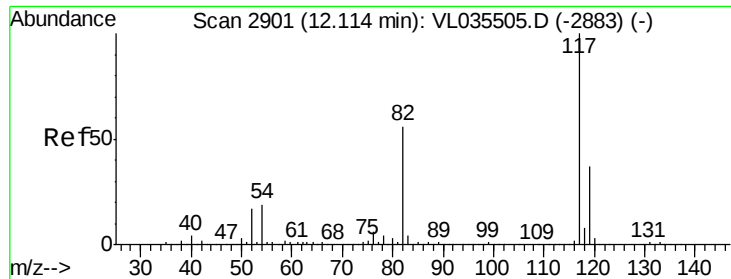
Tot Ion: 43 Resp: 5117
Ion Ratio Lower Upper
43 100
72 0.0 27.7 41.5#



#39
1,2-Dichloropropane
Concen: 8.323 ppbv
RT: 7.19 min Scan# 1371
Delta R.T. -0.44 min
Lab File: VL035530.D
Acq: 3 Sep 2020 14:30

Tgt Ion: 63 Resp: 803800
Ion Ratio Lower Upper
63 100
41 0.0 40.0 60.0#
62 16.3 55.4 83.0#

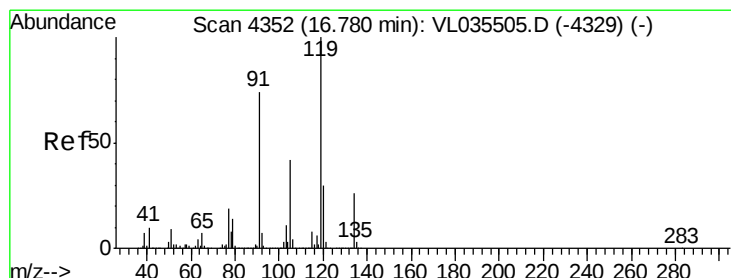
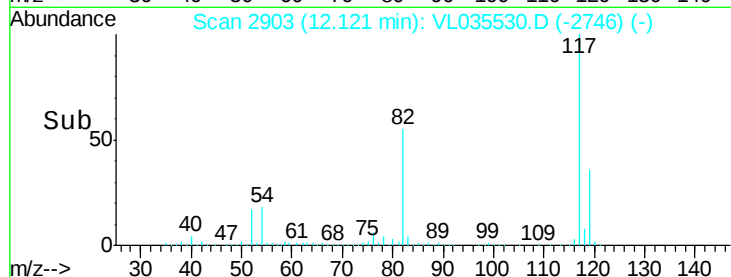
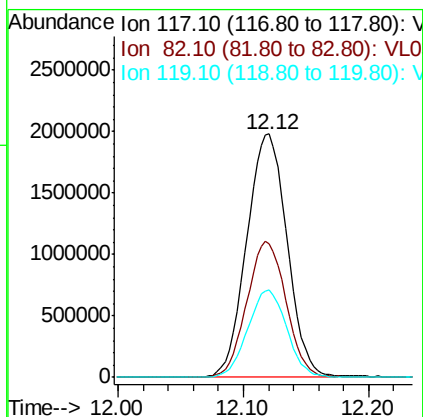
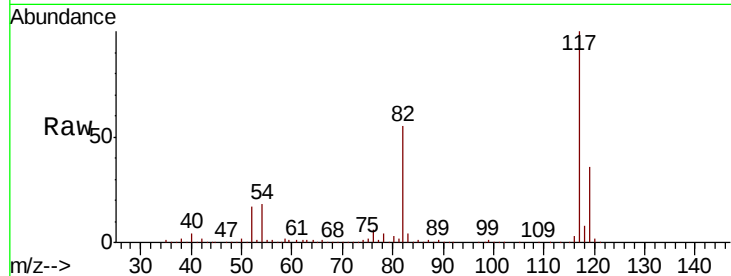




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. 0.01 min
Lab File: VL035530.D
Acq: 3 Sep 2020 14:30

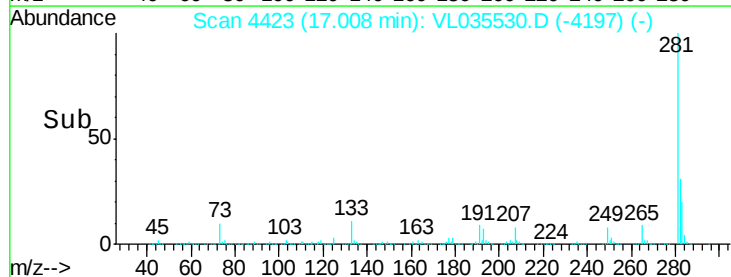
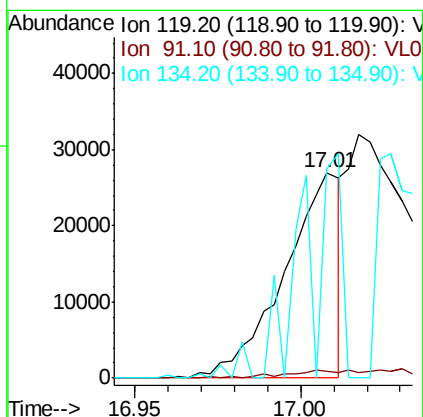
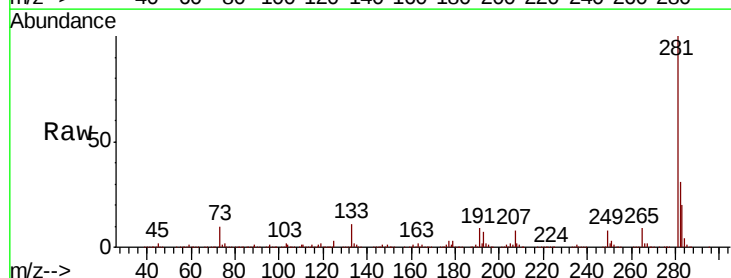
Instrument :
MSVOA_L
ClientSampleId :
QC090220 CAN 10401

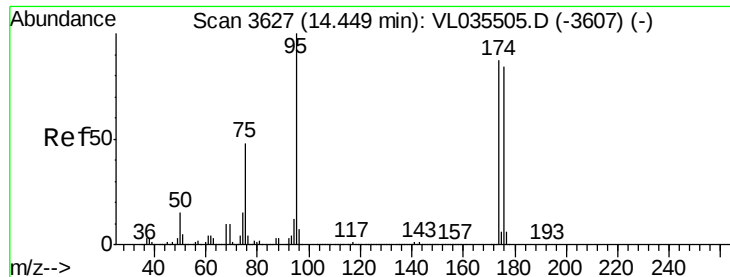
Tot Ion:117 Resp: 4437560
Ion Ratio Lower Upper
117 100
82 54.8 41.6 62.4
119 35.0 29.3 43.9



#65
tert-Butylbenzene
Concen: 0.055 ppbv
RT: 17.01 min Scan# 4423
Delta R.T. 0.23 min
Lab File: VL035530.D
Acq: 3 Sep 2020 14:30

Tgt Ion:119 Resp: 31590
Ion Ratio Lower Upper
119 100
91 0.5 58.6 87.8#
134 75.5 18.9 28.3#





#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

Instrument :

MSVOA_L

ClientSampleId :

QC090220 CAN 10401

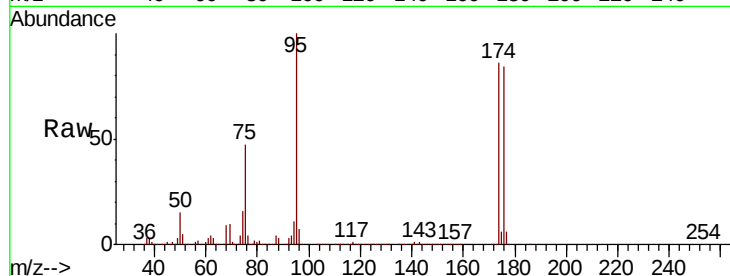
Tot Ion: 95 Resp: 3226345

Ion Ratio Lower Upper

95 100

174 86.8 69.6 104.4

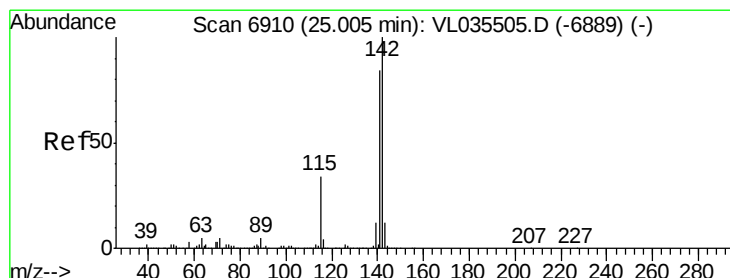
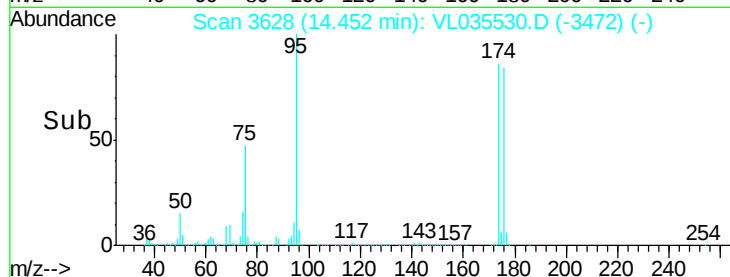
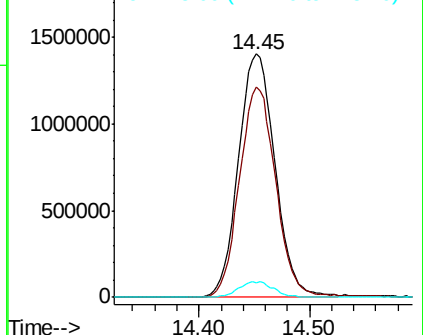
175 6.3 5.1 7.7



Abundance Ion 95.10 (94.80 to 95.80): VL035530.D (-3472) (-)

Ion 174.00 (173.70 to 174.70): VL035530.D (-3472) (-)

Ion 175.00 (174.70 to 175.70): VL035530.D (-3472) (-)



#80

Naphthalene, 2-methyl-

Concen: 0.056 ppbv

RT: 25.02 min Scan# 6916

Delta R.T. 0.02 min

Lab File: VL035530.D

Acq: 3 Sep 2020 14:30

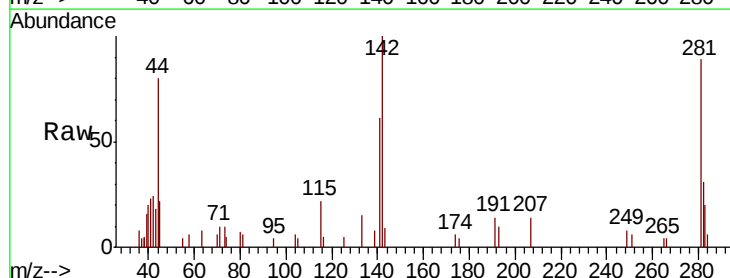
Tgt Ion: 142 Resp: 10548

Ion Ratio Lower Upper

142 100

141 81.9 67.6 101.4

115 31.0 25.8 38.8



Abundance Ion 142.00 (141.70 to 142.70): VL035530.D (-6755) (-)

Ion 141.00 (140.70 to 141.70): VL035530.D (-6755) (-)

Ion 115.00 (114.70 to 115.70): VL035530.D (-6755) (-)

